



## Conveyor Components



June 2011 - Issue 18.0



EMERSON. CONSIDER IT SOLVED.™



This catalogue presents the Conveyor Line and includes the latest generation of products shown in earlier catalogues. This catalogue relates to current production. Other information, which may be different from that contained in this publication, must be considered invalid. The right is reserved to carry out modifications rendered necessary by the technical development of System Plast products.

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## Quality and Service

**Your expectation,  
our standard.**

*Customers expect the best from System-Plast; we are committed to delivering nothing less. In every phase of our operation, from engineering, to production, to sales and assistance, System-Plast is committed to complying with the stringent standards of ISO 9001.*



**When you are looking for a quality conveyor component, look at System Plast.**

We put our Leadership on the line for you.

Our complete range of products combines stainless steel, carbon steel, aluminium and engineered plastics to achieve reliability, superior performance and a compact design.

As one of the world's leading suppliers of conveyor components, System Plast has a tradition of innovation that dates back to 1985 when we entered into this field.

System Plast Components have become the standard of design and performance to a wide range of industries, including conveyor manufacturing, material handling, power transmission, packaging and many more. In addition to manufacturing excellence, System Plast has earned a reputation for outstanding customer service, offering a full range of design, custom fabrication and support services. We hope you will now take a moment to look through this comprehensive catalogue.

Then, when you are ready to discuss your needs with the nearest System Plast representative, please consult the back cover of this catalog for further details about our sales network.

We are able and eager to assist you setting up a smooth running line.

**The components you want, when and how you want them.**

System Plast is ready and able to satisfy your needs with quick answers and delivery of standard or custom made products. Our customers around the world know that the shortest distance between a problem and its solution is to call us: innovations, research, engineering and production are always under a strict control to improve our service and products.

**Call our engineering experts.**



**To order the products you have selected, or to get expert advice in choosing the right ones for your application, call System Plast's Application Engineering Department at (035) 83.51.301. We'll be happy to provide the information and advice you need. And we'll work to ensure prompt processing and delivery of your order.**

**System Plast offers a complete line of products to answer all your production needs.**

#### CONVEYOR COMPONENTS

- Drive sprockets, idler wheels, corner discs.
- Chain return components.
- Lateral guides and guide rail clamps.
- Adjustable heads and knobs.
- Side mounting and support heads.
- Threaded tube ends.
- Thermoplastic chains.
- Straight and corner tracks.
- Cross clamps.
- Guide rail brackets and drip tray supports.
- Hinges and handles.
- Support bases and levelling elements.

#### BEARING SUPPORTS

- Flanged bearing support.
- Pillow block support.
- Take-up support.
- Cartridge/take-up support.
- Support for shafts from Ø 12 to Ø 40 mm.
- Flanged bearing support in stainless steel.
- Compact pillow block support.
- Cartridge support.
- Support with high corrosion resistance.
- Nolu-Clean antimicrobial material available.

#### LEVELING PADS

- Thermoplastic, steel and stainless steel supporting feet.
- Fixed feet.
- Threaded tube ends.
- Articulated feet with or without mounting holes.
- Vibration absorbing feet.
- Support bases

#### STRUCTURAL COMPONENTS

- Connecting joints.
- Panel clamps.
- Fixing block.
- Spring loaded latch.
- Tube ends and closing caps.
- Mounting profiles.
- Profile for plain tubes.
- Magnetic lock.
- Hinges and handles.

#### CONVEYOR CHAINS

- Straight running chains.
- Sideflexing chains magnetic system.
- Sideflexing chains with rubber pads.
- Sideflexing chains.
- Straight running chains with rubber pads.
- Straight and corner tracks.

#### MODULAR BELTS

- Flat top belts
- Belts with low noise accumulation rollers
- Grip top belts
- Flush grid belts
- Sideflexing flat top chainbelt for magnetic system
- Sideflexing flush grid chainbelt for magnetic system





**Conveyor Line**  
**All that is necessary**  
**where quality is concerned.**

**Conveyor Line**

Conveyor Line is the name given to the widest product line bearing the System Plast name and it includes an infinite number of components for the setting up of automated goods handling systems.

The almost limitless choice and innovative solutions offered make it possible to arrange systems suitable for the most diverse production requirements.

The material used can withstand particularly difficult working conditions, and the structural simplicity of each component facilitates the procedures of sanitification of an entire plant.

Drive sprockets, return parts, guides, clamps and all kinds of brackets, all produced according to the strict System Plast quality standard that has for years guaranteed optimum results.

**Our range**

- Drive sprockets, idler wheels, corner discs.
- Chain return components.
- Lateral guides and guide rail clamps.
- Adjustable heads and knobs.
- Side mounting brackets and support heads.
- Threaded tube ends.
- Thermoplastic chains.
- Straight and corner tracks.
- Cross clamps.
- Guide rail brackets and drip tray supports.
- Hinges and handles.
- Support bases and leveling elements.

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## Conveyor components



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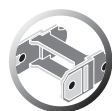
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# KEY TO SYMBOLS OF CONVEYOR LINE CATALOGUE

## SIZES



**SIZE HEX HEAD BOLT**



**THREAD SIZE**



**TAPPED THREAD SIZE**



**LENGTH**



**HEIGHT**



**DIAMETER**



**LOAD**



**PACKAGING QUANTITY**



**LENGTH OF COIL**

## FEATURES



**MATERIAL**



**COLOUR**



**HEAVY DUTY**



**SAVES TIME AND MONEY**



**FOR USE IN HIGH TEMPERATURE**



**ANTISTATIC**



**NO TOOLS REQUIRED**



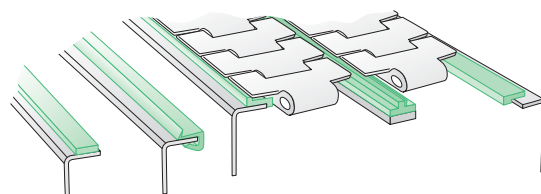
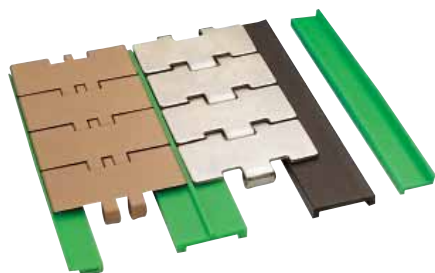
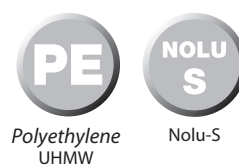
Longer nut design allows clamp to be opened while assembly stays intact! Assembly to the rail is much quicker.



Chain guide wear strip

# POLYETHYLENE WEAR STRIP

 Preferred type, readily available (codes marked in red)



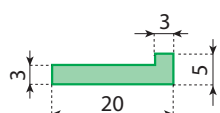
## WEAR STRIP

### Material:

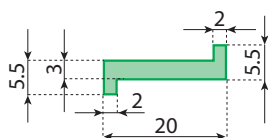
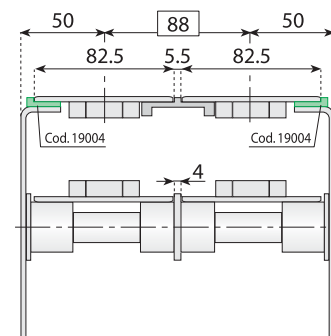
Extruded ultra high molecular weight polyethylene.

Max. continuous service temperature in air 90°C.

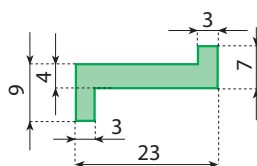
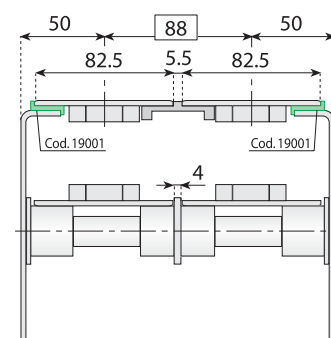
Water absorption coefficient = 0.



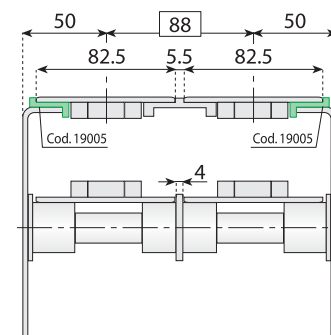
| Code                           |  |  |  | Material |  |
|--------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------|
| <b>19004N</b><br><b>19004V</b> | -                                                                                  | 60 m                                                                               | 60 m                                                                               | PE       | Black<br>Green                                                                       |



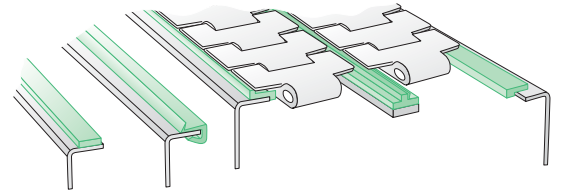
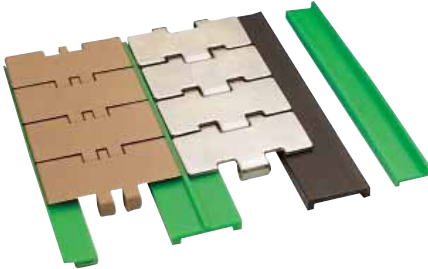
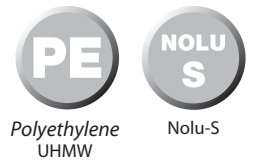
| Code                                             |  |  |  | Material           |  |
|--------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|
| <b>19001N</b><br><b>19001V</b><br><b>19001NS</b> | -                                                                                   | 60 m                                                                                | 60 m                                                                                | PE<br>PE<br>Nolu-S | Black<br>Green<br>Grey                                                                |



| Code                                             |  |  |  | Material           |  |
|--------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|
| <b>19005N</b><br><b>19005V</b><br><b>19005NS</b> | -                                                                                   | 60 m                                                                                | 60 m                                                                                | PE<br>PE<br>Nolu-S | Black<br>Green<br>Grey                                                                |



 Preferred type, readily available (codes marked in red)



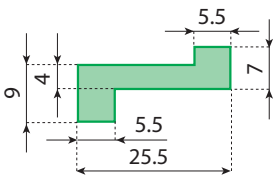
## WEAR STRIP

### Material:

Extruded ultra high molecular weight polyethylene.

Max. continuous service temperature in air 90°C.

Water absorption coefficient = 0.

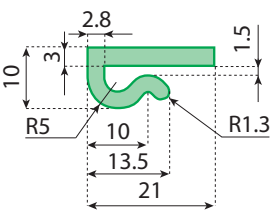
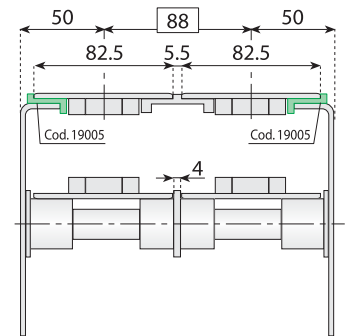


### Code

**19005N-SP**  
**19005V-SP**



- 60 m 60 m PE Black Green



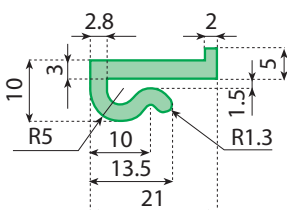
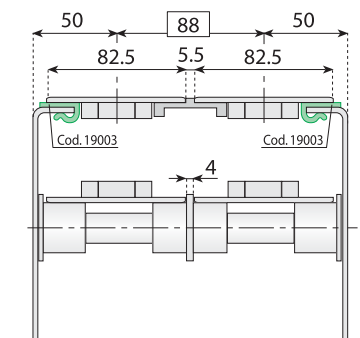
### Code

**19003N**  
**19003V**  
**19003NS**



- 60 m 60 m PE PE Black Green Grey

**Notes:** applicable from 2.5 to 4 mm thick sheet metal.



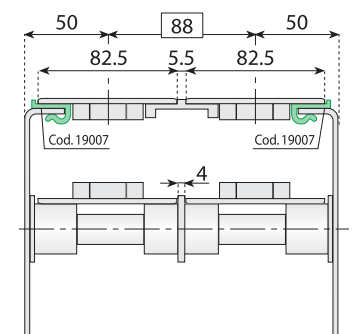
### Code

**19007N**  
**19007V**  
**19007NS**



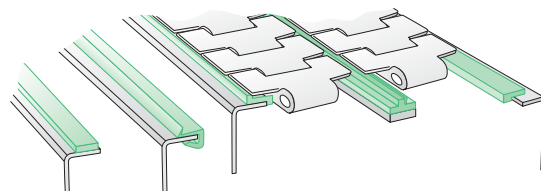
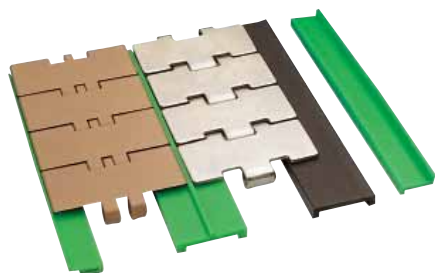
- 60 m 60 m PE PE Black Green Grey

**Notes:** applicable from 2.5 to 4 mm thick sheet metal.



# POLYETHYLENE WEAR STRIP

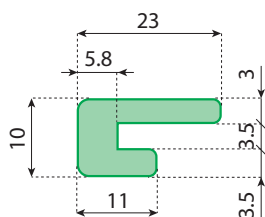
 Preferred type, readily available (codes marked in red)



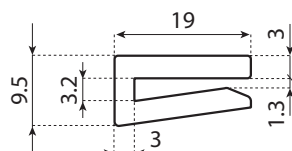
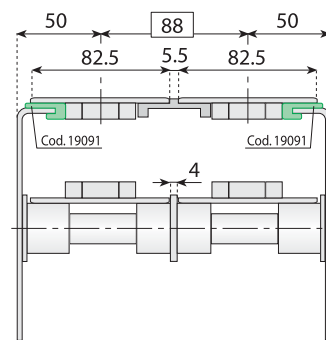
## WEAR STRIP

### Material:

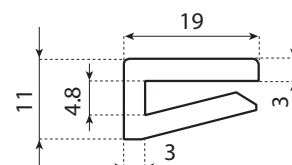
Extruded ultra high molecular weight polyethylene.  
Max. continuous service temperature in air 90° C.  
Water absorption coefficient = 0.



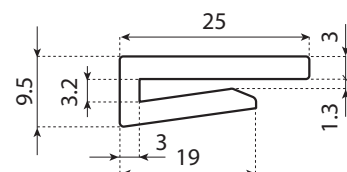
| Code          |  |  |  | Material |  |
|---------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>19091N</b> | 6 m                                                                                | -                                                                                  | 60 m                                                                               | PE       | Black                                                                               |
| <b>19091V</b> |                                                                                    |                                                                                    |                                                                                    |          | Green                                                                               |



| Code                | Ref.                |  |  |  | Material |  |
|---------------------|---------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00058-3M</b>  | VG-P18CC-3M         | 3 m                                                                                   | -                                                                                     | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00058-6M</b>  | VG-P18CC-6M         | 6 m                                                                                   | -                                                                                     | 60 m                                                                                  |          |                                                                                       |
| <b>19S00058-30M</b> | <b>VG-P18CC-30M</b> | -                                                                                     | 30 m                                                                                  | 30 m                                                                                  |          |                                                                                       |

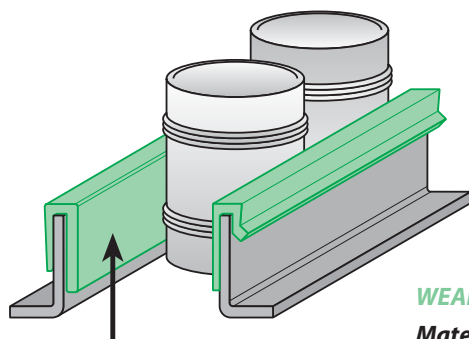


| Code                | Ref.               |  |  |  | Material |  |
|---------------------|--------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00029-30M</b> | VG-JS3-075-125-30M | -                                                                                     | 30 m                                                                                  | 30 m                                                                                  | PE       | White                                                                                 |



| Code                | Ref.                    |  |  |  | Material |  |
|---------------------|-------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00015-3M</b>  | VG-JS100-125-3M         | 3 m                                                                                   | -                                                                                     | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00015-6M</b>  | VG-JS100-125-6M         | 6 m                                                                                   | -                                                                                     | 60 m                                                                                  |          |                                                                                       |
| <b>19S00015-30M</b> | <b>VG-JS100-125-30M</b> | -                                                                                     | 30 m                                                                                  | 30 m                                                                                  |          |                                                                                       |

 Preferred type, readily available (codes marked in red)

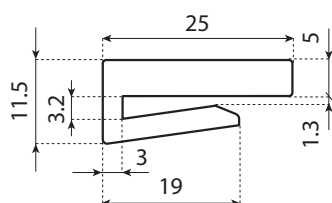
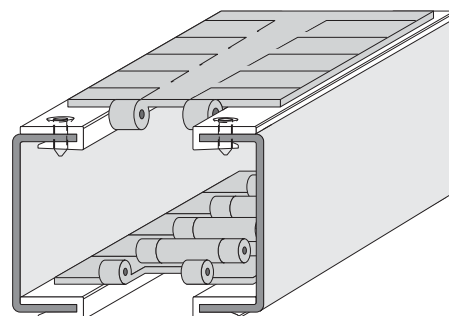


**AS SIDE GUIDE**

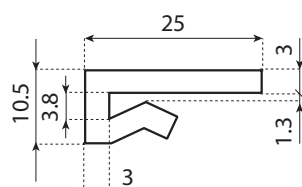
## WEAR STRIP

### Material:

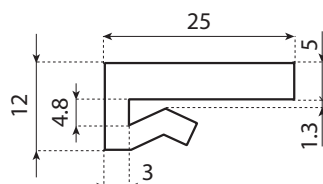
Extruded ultra high molecular weight polyethylene.  
Max. continuous service temperature in air 90° C.  
Water absorption coefficient = 0.



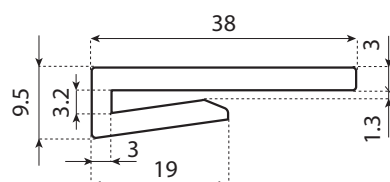
| Code                | Ref.                    |  |  |  | Material |  |
|---------------------|-------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------|
| <b>19S00018-3M</b>  | VG-JS100-188-3M         | 3 m                                                                                  | -                                                                                    | 30 m                                                                                 | PE       | White                                                                                |
| <b>19S00018-6M</b>  | VG-JS100-188-6M         | 6 m                                                                                  | -                                                                                    | 60 m                                                                                 |          |                                                                                      |
| <b>19S00018-30M</b> | <b>VG-JS100-188-30M</b> | -                                                                                    | 30 m                                                                                 | 30 m                                                                                 |          |                                                                                      |



| Code                | Ref.             |  |  |  | Material |  |
|---------------------|------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00011-30M</b> | VG-J100-125T-30M | -                                                                                     | 30 m                                                                                  |                                                                                       | PE       | White                                                                                 |



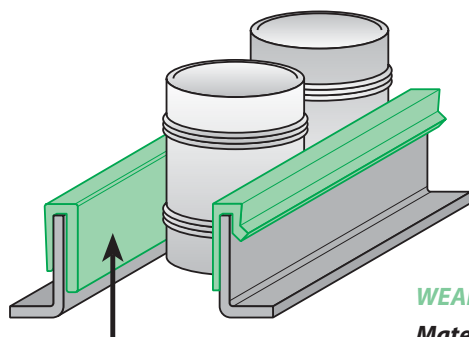
| Code                | Ref.            |  |  |  | Material |  |
|---------------------|-----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00012-30M</b> | VG-J100-188-30M | -                                                                                     | 30 m                                                                                  | 30 m                                                                                  | PE       | White                                                                                 |



| Code                | Ref.                    |  |  |  | Material |  |
|---------------------|-------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00020-3M</b>  | VG-JS150-125-3M         | 3 m                                                                                   | -                                                                                     | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00020-6M</b>  | VG-JS150-125-6M         | 6 m                                                                                   | -                                                                                     | 60 m                                                                                  |          |                                                                                       |
| <b>19S00020-30M</b> | <b>VG-JS150-125-30M</b> | -                                                                                     | 30 m                                                                                  | 30 m                                                                                  |          |                                                                                       |

# POLYETHYLENE WEAR STRIP

 Preferred type, readily available (codes marked in red)

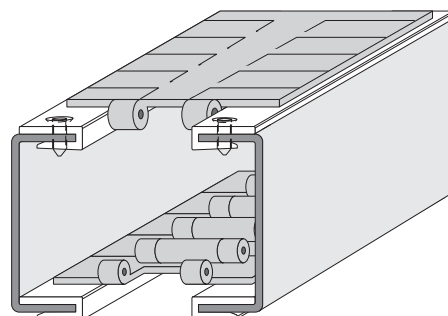


**AS SIDE GUIDE**

## WEAR STRIP

### Material:

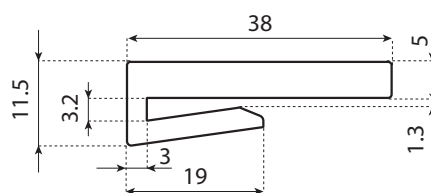
Extruded ultra high molecular weight polyethylene.  
Max. continuous service temperature in air 90° C.  
Water absorption coefficient = 0.



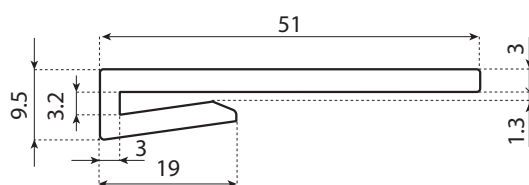
Polyethylene  
UHMW



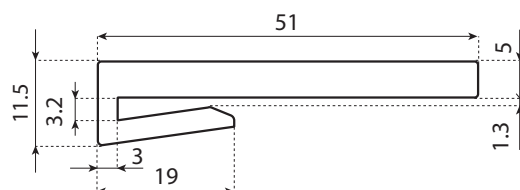
Nolu-S



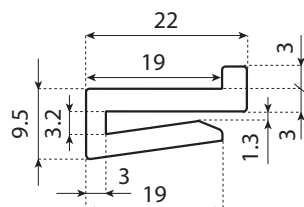
| Code               | Ref.            |  |  |  | Material |  |
|--------------------|-----------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------|
| <b>19S00021-3M</b> | VG-JS150-188-3M | 3 m                                                                                  | -                                                                                    | 30 m                                                                                 | PE       | White                                                                                |
| <b>19S00021-6M</b> | VG-JS150-188-6M | 6 m                                                                                  | -                                                                                    | 60 m                                                                                 | PE       | White                                                                                |



| Code               | Ref.            |  |  |  | Material |  |
|--------------------|-----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00023-3M</b> | VG-JS200-125-3M | 3 m                                                                                   | -                                                                                     | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00023-6M</b> | VG-JS200-125-6M | 6 m                                                                                   | -                                                                                     | 60 m                                                                                  | PE       | White                                                                                 |

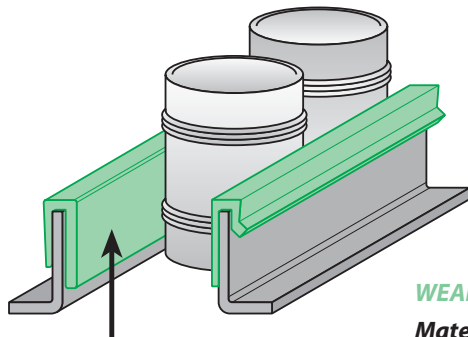


| Code               | Ref.            |  |  |  | Material |  |
|--------------------|-----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00024-3M</b> | VG-JS200-188-3M | 3 m                                                                                   | -                                                                                     | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00024-6M</b> | VG-JS200-188-6M | 6 m                                                                                   | -                                                                                     | 60 m                                                                                  | PE       | White                                                                                 |



| Code                  | Ref.                 |  |  |  | Material |  |
|-----------------------|----------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00016-3M</b>    | VG-JSL075-125-3M     | 3 m                                                                                   | -                                                                                     | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00016-6M</b>    | VG-JSL075-125-6M     | 6 m                                                                                   | -                                                                                     | 60 m                                                                                  | PE       | White                                                                                 |
| <b>19S00016-30M</b>   | VG-JSL075-125-30M    | -                                                                                     | 30 m                                                                                  | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00016NS-30M</b> | VG-JSL075-125-NS-30M | -                                                                                     | 30 m                                                                                  | 30 m                                                                                  | Nolu-S   | Light Grey                                                                            |

 Preferred type, readily available (codes marked in red)



**AS SIDE GUIDE**

## WEAR STRIP

### Material:

Extruded ultra high molecular weight polyethylene.  
Max. continuous service temperature in air 90°C.  
Water absorption coefficient = 0.



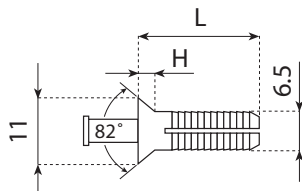
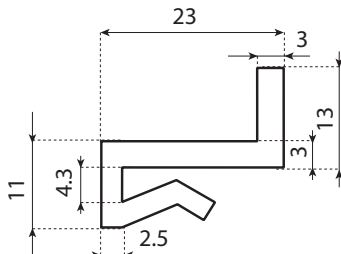
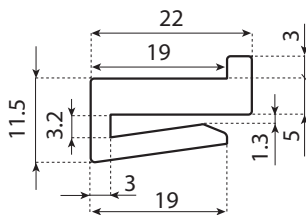
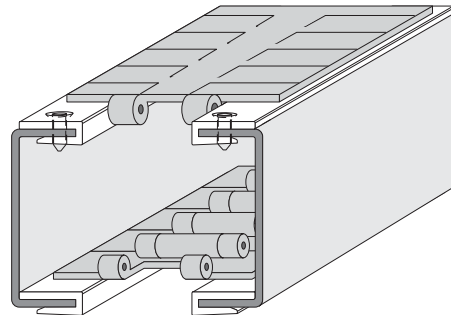
Polyethylene UHMW



Polyamide



Acetal resin

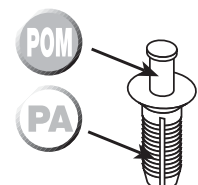
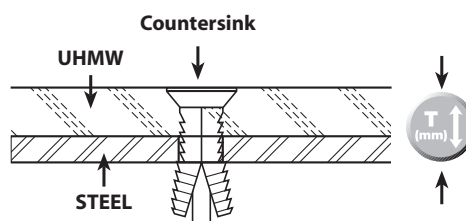


| Code                | Ref.              |  |  |  | Material |  |
|---------------------|-------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------|
| <b>19S00017-30M</b> | VG-JSL075-188-30M | -                                                                                    | 30 m                                                                                 | 30 m                                                                                 | PE       | White                                                                                |

| Code               | Ref.              |  |  |  | Material |  |
|--------------------|-------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00014-3M</b> | VG-JEL-078-125-3M | 3 m                                                                                   | -                                                                                     | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00014-6M</b> | VG-JEL-078-125-6M | 6 m                                                                                   | -                                                                                     | 60 m                                                                                  | PE       | White                                                                                 |

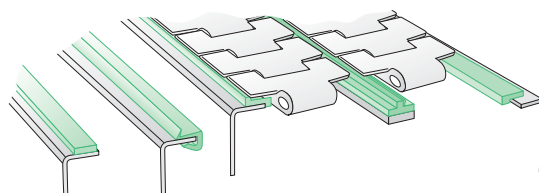
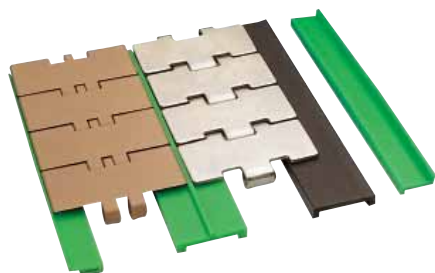
| Code            | Ref.      |  |  |  | Min. | Max. |  | Material |  |
|-----------------|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------|------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>14S00086</b> | VG-750-10 | 19                                                                                  | 3                                                                                   |                                                                                       | 5    | 12.5 |                                                                                       |          |                                                                                       |
| <b>14S00087</b> | VG-750-20 | 25                                                                                  | 3                                                                                   |                                                                                       | 6.5  | 19   | n°100                                                                                 | PA-POM   | -                                                                                     |
| <b>14S00088</b> | VG-750-30 | 38                                                                                  | 3                                                                                   |                                                                                       | 19   | 32   |                                                                                       |          |                                                                                       |

## DRIVE RIVET



# POLYETHYLENE WEAR STRIP

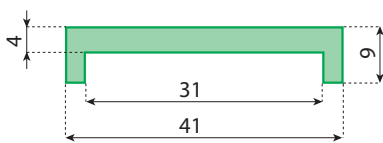
 Preferred type, readily available (codes marked in red)



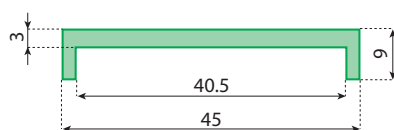
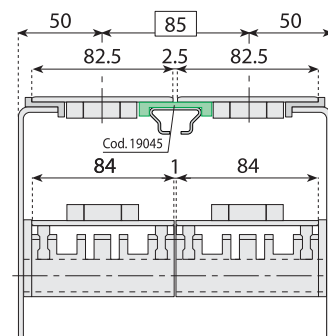
## WEAR STRIP

### Material:

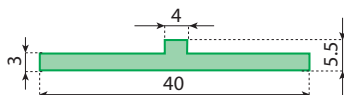
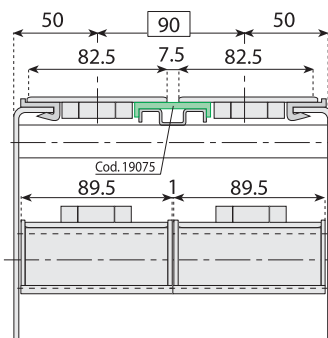
Extruded ultra high molecular weight polyethylene.  
Max. continuous service temperature in air 90° C.  
Water absorption coefficient = 0.



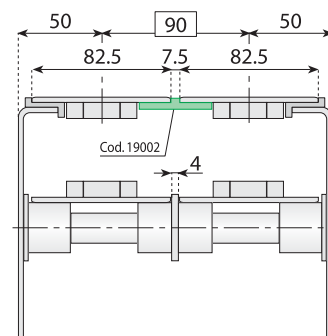
| Code                                             |  |  |  | Material     |  |
|--------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------|
| <b>19045N</b><br><b>19045V</b><br><b>19045NS</b> | 6 m                                                                                | -                                                                                  | 30 m                                                                               | PE<br>Nolu-S | Black<br>Green<br>Grey                                                               |



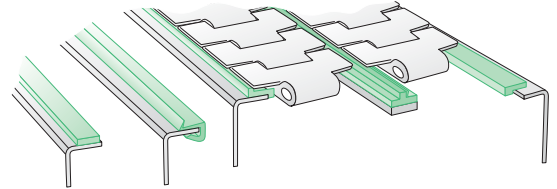
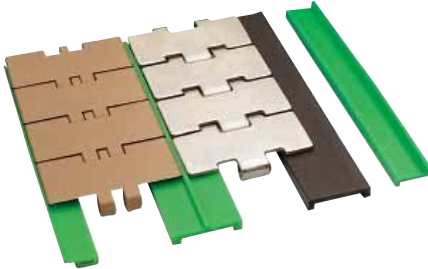
| Code                           |  |  |  | Material |  |
|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19075N</b><br><b>19075V</b> | 6 m                                                                                 | -                                                                                   | 30 m                                                                                | PE       | Black<br>Green                                                                        |



| Code                           |  |  |  | Material |  |
|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19002N</b><br><b>19002V</b> | -                                                                                   | 60 m                                                                                | 60 m                                                                                | PE       | Black<br>Green                                                                        |



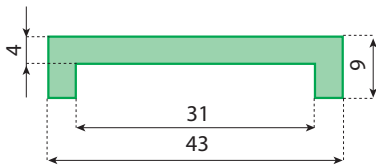
 Preferred type, readily available (codes marked in red)



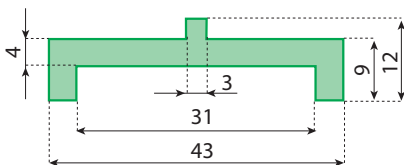
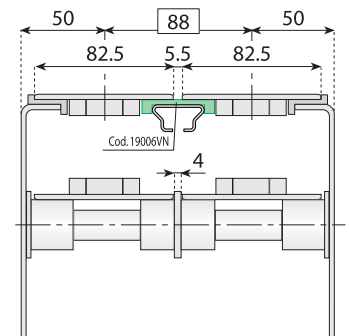
## WEAR STRIP

### Material:

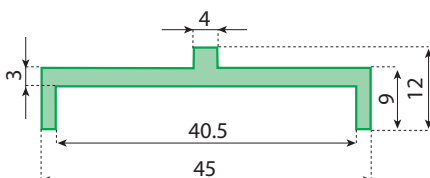
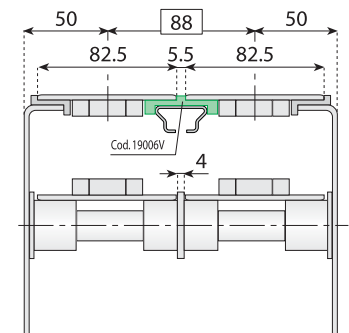
Extruded ultra high molecular weight polyethylene.  
Max. continuous service temperature in air 90° C.  
Water absorption coefficient = 0.



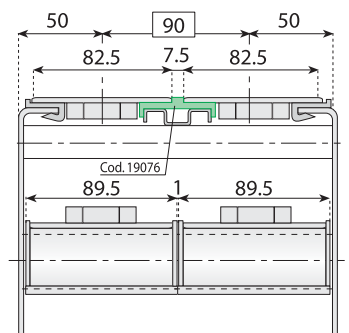
| Code                             |  |  |  | Material |  |
|----------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------|
| <b>19006LN</b><br><b>19006VN</b> | -                                                                                  | 60 m                                                                               | 60 m                                                                               | PE       | Black Green                                                                          |



| Code                           |  |  |  | Material |  |
|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19006N</b><br><b>19006V</b> | -                                                                                   | 60 m                                                                                | 60 m                                                                                | PE       | Black Green                                                                           |

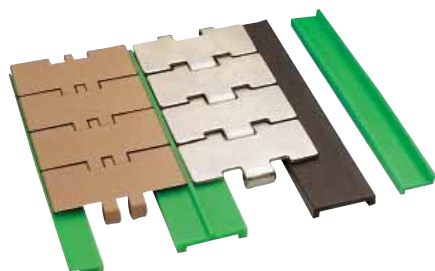
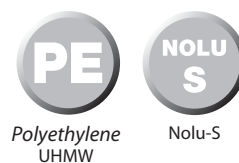


| Code                           |  |  |  | Material |  |
|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19076N</b><br><b>19076V</b> | 6 m                                                                                 | -                                                                                   | 30 m                                                                                | PE       | Black Green                                                                           |



# POLYETHYLENE WEAR STRIP

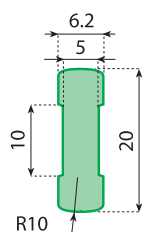
 Preferred type, readily available (codes marked in red)



## WEAR STRIP

### Material:

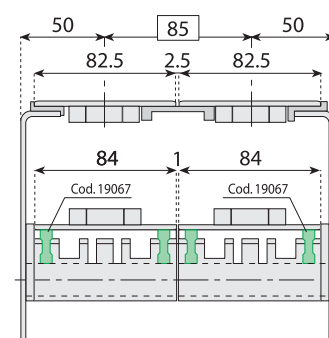
Extruded ultra high molecular weight polyethylene.  
Max. continuous service temperature in air 90°C.  
Water absorption coefficient = 0.



### Code

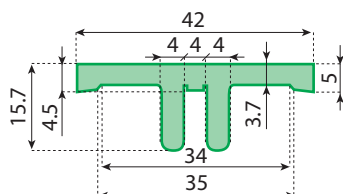
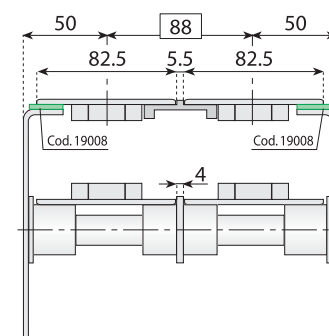
| Code           | L |      |      | Material |       |
|----------------|---|------|------|----------|-------|
| <b>19067N</b>  | - | 60 m | 60 m | PE       | Black |
| <b>19067V</b>  | - | 60 m | 60 m | PE       | Green |
| <b>19067NS</b> | - | 60 m | 60 m | Nolu-S   | Grey  |

Notes: use for spacer code 14349.



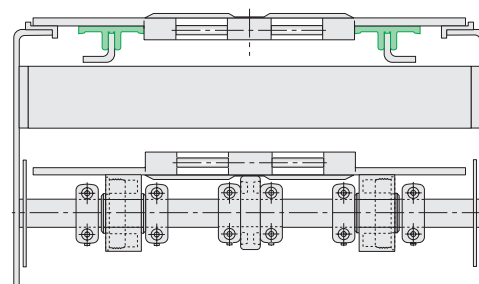
### Code

| Code           | L x H mm |      |      | Material |       |
|----------------|----------|------|------|----------|-------|
| <b>19008N</b>  | 20 x 3   |      |      |          | Black |
| <b>19008V</b>  | 20 x 3   |      |      |          | Green |
| <b>19009N</b>  | 20 x 5   |      |      |          | Black |
| <b>19009V</b>  | 20 x 5   |      |      |          | Green |
| <b>19010N</b>  | 25 x 3   |      |      |          | Black |
| <b>19010V</b>  | 25 x 3   |      |      |          | Green |
| <b>19011N</b>  | 30 x 3   |      |      |          | Black |
| <b>19011V</b>  | 30 x 3   |      |      |          | Green |
| <b>19012N</b>  | 40 x 3   | 60 m | 60 m | PE       | Black |
| <b>19012V</b>  | 40 x 3   | 60 m | 60 m | PE       | Green |
| <b>19013N</b>  | 50 x 3   |      |      |          | Black |
| <b>19013V</b>  | 50 x 3   |      |      |          | Green |
| <b>19014SN</b> | 60 x 3   |      |      |          | Black |
| <b>19014SV</b> | 60 x 3   |      |      |          | Green |
| <b>19014N</b>  | 70 x 3   |      |      |          | Black |
| <b>19014V</b>  | 70 x 3   |      |      |          | Green |

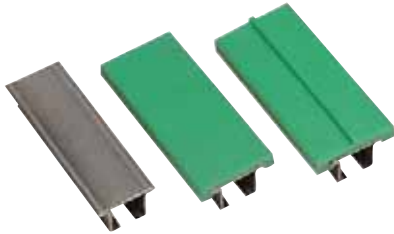


### Code

| Code          | L   |      |      | Material |       |
|---------------|-----|------|------|----------|-------|
| <b>19093N</b> | 3 m | 30 m | 30 m | PE       | Black |
| <b>19093V</b> | 3 m | 30 m | 30 m | PE       | Green |
| <b>19093B</b> | 3 m | 30 m | 30 m | PE       | White |



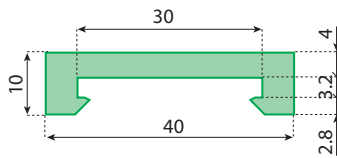
 Preferred type, readily available (codes marked in red)



## WEAR STRIP

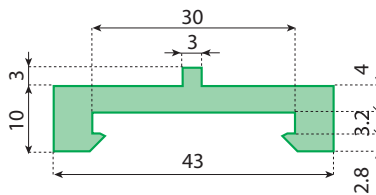
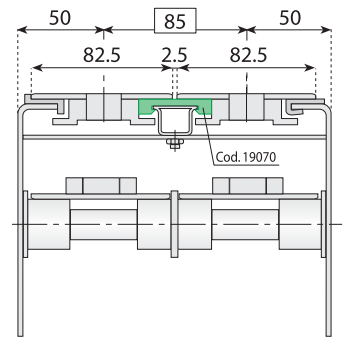
### Material:

Extruded ultra high molecular weight polyethylene.  
Max. continuous service temperature in air 90°C.  
Water absorption coefficient = 0.



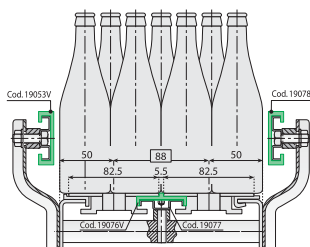
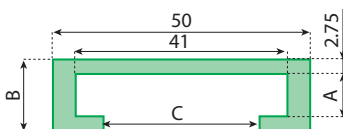
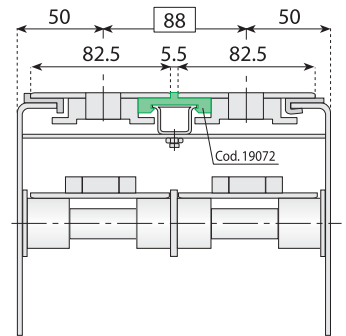
| Code            | Kg/m | L   |      | Material |       |
|-----------------|------|-----|------|----------|-------|
| <b>19071C</b>   | 0.20 | 3 m | 30 m | PE       | Black |
| <b>19071</b>    |      | 6 m |      | PE       | Black |
| <b>19070C</b>   |      | 3 m |      | PE       | Green |
| <b>19070</b>    |      | 6 m |      | PE       | Green |
| <b>19070BC</b>  |      | 3 m |      | PE       | White |
| <b>19070B</b>   |      | 6 m |      | PE       | White |
| <b>19071ASC</b> |      | 3 m |      | PE-as    | Black |
| <b>19071AS</b>  |      | 6 m |      | PE-as    | Black |
| <b>19071NS</b>  |      | 6 m |      | Nolu-S   | Grey  |

**Notes:** this profile can be used in combination with steel profile code 19048 - 19048K.



| Code            | Kg/m | L   |      | Material |       |
|-----------------|------|-----|------|----------|-------|
| <b>19073C</b>   | 0.20 | 3 m | 30 m | PE       | Black |
| <b>19073</b>    |      | 6 m |      | PE       | Black |
| <b>19072C</b>   |      | 3 m |      | PE       | Green |
| <b>19072</b>    |      | 6 m |      | PE       | Green |
| <b>19072BC</b>  |      | 3 m |      | PE       | White |
| <b>19072B</b>   |      | 6 m |      | PE       | White |
| <b>19073ASC</b> |      | 3 m |      | PE-as    | Black |
| <b>19073AS</b>  |      | 6 m |      | PE-as    | Black |

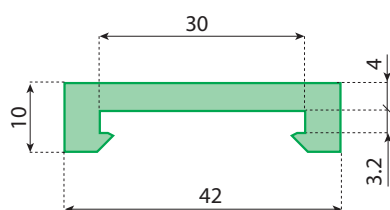
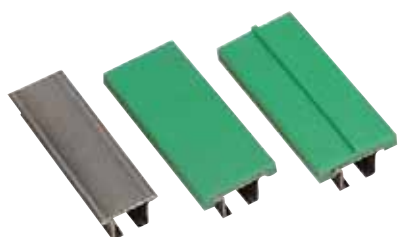
**Notes:** this profile can be used in combination with steel profile code 19048 - 19048K.



| Code    |  |  | A    | B  | C    |  | Material |  |
|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|----|------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| 19080N  | 0.23                                                                                | 3 m                                                                                 | 6.5  | 12 | 30   | 30 m                                                                                  | PE       | Black                                                                                 |
| 19080NL | 0.23                                                                                | 6 m                                                                                 | 6.5  | 12 |      |                                                                                       |          | Black                                                                                 |
| 19080V  | 0.23                                                                                | 3 m                                                                                 | 6.5  | 12 |      |                                                                                       |          | Green                                                                                 |
| 19080VL | 0.23                                                                                | 6 m                                                                                 | 6.5  | 12 |      |                                                                                       |          | Green                                                                                 |
| 19053N  | 0.25                                                                                | 3 m                                                                                 | 8.5  | 14 | 27.5 | 30 m                                                                                  | PE       | Black                                                                                 |
| 19053NL | 0.25                                                                                | 6 m                                                                                 | 8.5  | 14 |      |                                                                                       |          | Black                                                                                 |
| 19053V  | 0.25                                                                                | 3 m                                                                                 | 8.5  | 14 |      |                                                                                       |          | Green                                                                                 |
| 19053VL | 0.25                                                                                | 6 m                                                                                 | 8.5  | 14 |      |                                                                                       |          | Green                                                                                 |
| 19081N  | 0.27                                                                                | 3 m                                                                                 | 10.5 | 16 | 35   | 30 m                                                                                  | PE       | Black                                                                                 |
| 19081NL | 0.27                                                                                | 6 m                                                                                 | 10.5 | 16 |      |                                                                                       |          | Black                                                                                 |
| 19081V  | 0.27                                                                                | 3 m                                                                                 | 10.5 | 16 |      |                                                                                       |          | Green                                                                                 |
| 19081VL | 0.27                                                                                | 6 m                                                                                 | 10.5 | 16 |      |                                                                                       |          | Green                                                                                 |

# CHAIN GUIDE WEAR STRIP

 Preferred type, readily available (codes marked in red)



## WEAR STRIP

### Material:

Extruded ultra high molecular weight polyethylene.  
Max. continuous service temperature in air 90°C.  
Water absorption coefficient = 0.



Polyethylene  
UHMW



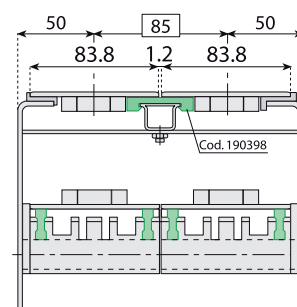
Polyethylene  
antistatic  
UHMW



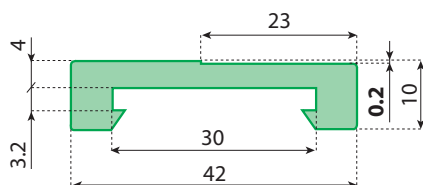
Nolu-S

| Code             | Kg/m | L   | Material | Color |
|------------------|------|-----|----------|-------|
| <b>190397C</b>   |      | 3 m | PE       | Black |
| <b>190397</b>    |      | 6 m | PE       | Black |
| <b>190398C</b>   |      | 3 m | PE       | Green |
| <b>190398</b>    |      | 6 m | PE       | Green |
| <b>190398BC</b>  | 0.20 | 3 m | PE       | White |
| <b>190398B</b>   |      | 6 m | PE       | White |
| <b>190397ASC</b> |      | 3 m | PE-as    | Black |
| <b>190397AS</b>  |      | 6 m | PE-as    | Black |
| <b>190397NS</b>  |      | 6 m | Nolu-S   | Grey  |

**Notes:** this profile can be used in combination with steel profile code 19048 - 19048K.

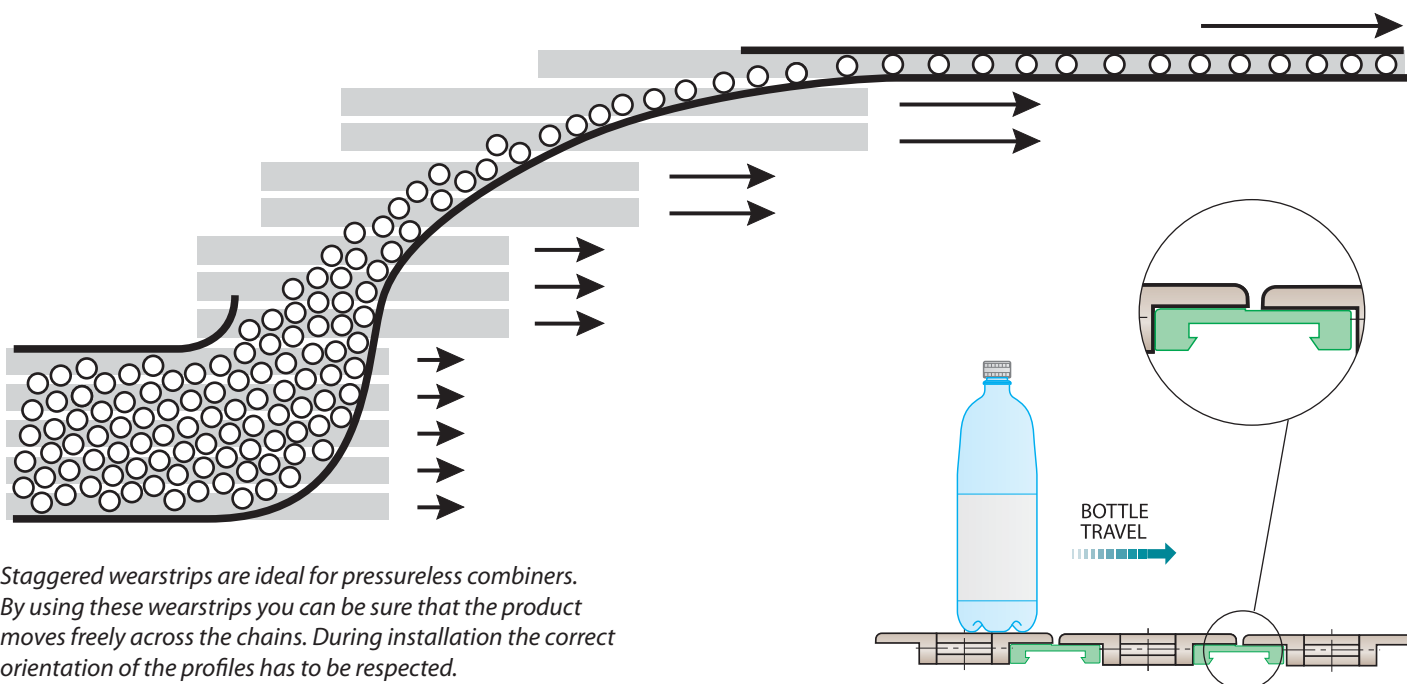


## STAGGERED VERSION



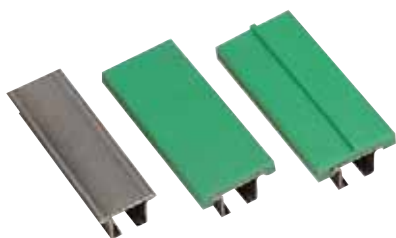
| Code                | Kg/m | L   | Material | Color |
|---------------------|------|-----|----------|-------|
| <b>190397C-ST</b>   |      | 3 m | PE       | Black |
| <b>190397-ST</b>    |      | 6 m | PE       | Black |
| <b>190398C-ST</b>   |      | 3 m | PE       | Green |
| <b>190398-ST</b>    |      | 6 m | PE       | Green |
| <b>190398BC-ST</b>  | 0.20 | 3 m | PE       | White |
| <b>190398B-ST</b>   |      | 6 m | PE       | White |
| <b>190397ASC-ST</b> |      | 3 m | PE-as    | Black |
| <b>190397AS-ST</b>  |      | 6 m | PE-as    | Black |
| <b>190397NS-ST</b>  |      | 6 m | Nolu-S   | Grey  |

**Notes:** this profile can be used in combination with steel profile code 19048 - 19048K.



Staggered wearstrips are ideal for pressureless combiners.  
By using these wearstrips you can be sure that the product  
moves freely across the chains. During installation the correct  
orientation of the profiles has to be respected.

 Preferred type, readily available (codes marked in red)



## CHAIN GUIDE WEAR STRIP

### Material:

- Metal profile in stainless steel AISI 304.
- Wear strip in UHMWPE.

### Characteristics:

- Very low friction coefficient.
- High resistance to chemical agents.
- No liquid absorption.

### Supply:

- 3 or 6 meters.
- Steel profile and wear strip are supplied assembled.

### Application:

- As chain guide.
- As side guide.



Polyethylene  
UHMW



Polyethylene  
antistatic  
UHMW

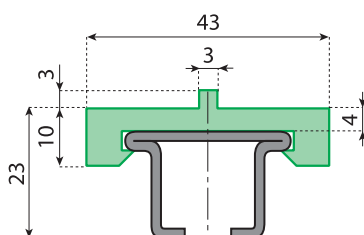
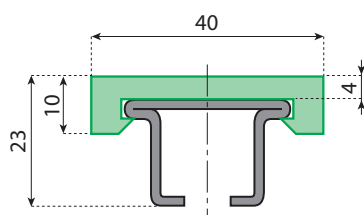
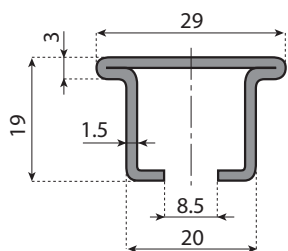


AISI 304  
Stainless steel



Accessories

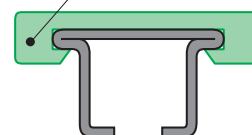
## STAINLESS STEEL PROFILE



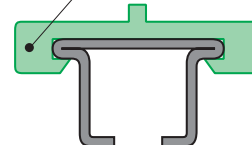
| Code          | Kg/m | L   | Material |
|---------------|------|-----|----------|
| <b>19048C</b> | 0.90 | 3 m | SS 304   |
| <b>19048</b>  |      | 6 m |          |

These profiles are applicable  
to code 19048 - 19048C

cod. **19070 - 19071**

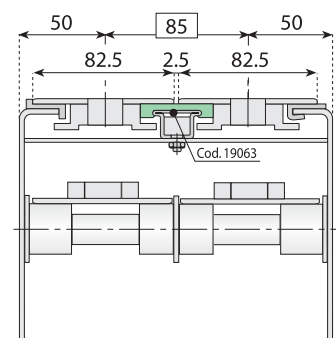


cod. **19072 - 19073**



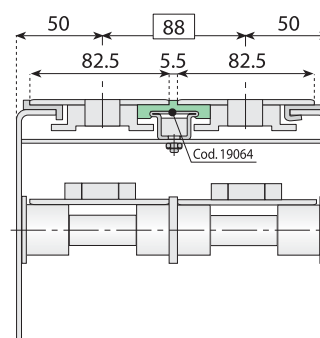
| Code            | Kg/m | L   | Material | Color |
|-----------------|------|-----|----------|-------|
| <b>19063NC</b>  |      | 3 m | PE       | Black |
| <b>19063N</b>   |      | 6 m | PE       | Black |
| <b>19063VC</b>  |      | 3 m | PE       | Green |
| <b>19063V</b>   |      | 6 m | PE       | Green |
| <b>19063BC</b>  | 1.10 | 3 m | PE       | White |
| <b>19063B</b>   |      | 6 m | PE       | White |
| <b>19063ASC</b> |      | 3 m | PE-as    | Black |
| <b>19063AS</b>  |      | 6 m | PE-as    | Black |

**Notes:** the stainless steel profile and wear strip are supplied assembled.



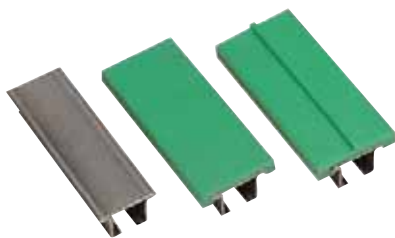
| Code            | Kg/m | L   | Material | Color |
|-----------------|------|-----|----------|-------|
| <b>19064NC</b>  |      | 3 m | PE       | Black |
| <b>19064N</b>   |      | 6 m | PE       | Black |
| <b>19064VC</b>  |      | 3 m | PE       | Green |
| <b>19064V</b>   |      | 6 m | PE       | Green |
| <b>19064BC</b>  | 1.10 | 3 m | PE       | White |
| <b>19064B</b>   |      | 6 m | PE       | White |
| <b>19064ASC</b> |      | 3 m | PE-as    | Black |
| <b>19064AS</b>  |      | 6 m | PE-as    | Black |

**Notes:** the stainless steel profile and wear strip are supplied assembled.



# CHAIN GUIDE WEAR STRIP

 Preferred type, readily available (codes marked in red)



## CHAIN GUIDE WEAR STRIP

### Material:

- Metal profile in stainless steel AISI 304.
- Wear strip in UHMWPE.

### Characteristics:

- Very low friction coefficient.
- High resistance to chemical agents.
- No liquid absorption.

### Supply:

- 3 or 6 meters.
- Steel profile and wear strip are supplied assembled.

### Application:

- As chain guide.
- As side guide.



Polyethylene  
UHMW



Polyethylene  
antistatic  
UHMW

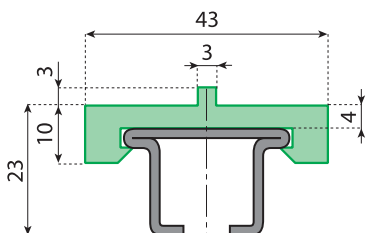
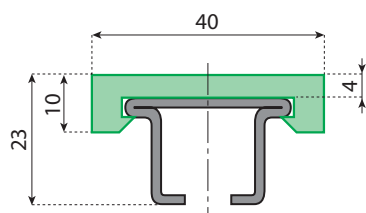
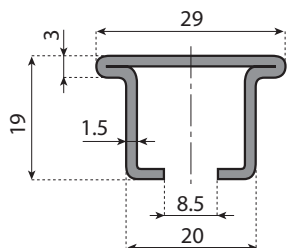


AISI 304  
Stainless steel



Accessories

## STAINLESS STEEL PROFILE



| Code           | Kg/m | L   | Material |
|----------------|------|-----|----------|
| <b>19048KC</b> | 0.90 | 3 m | SS 430   |
| <b>19048K</b>  |      | 6 m |          |

| Code             | Kg/m | L   | Material    |
|------------------|------|-----|-------------|
| <b>19063KNC</b>  | 1.10 | 3 m | PE Black    |
| <b>19063KN</b>   |      | 6 m | PE Black    |
| <b>19063KVC</b>  |      | 3 m | PE Green    |
| <b>19063KV</b>   |      | 6 m | PE Green    |
| <b>19063KBC</b>  |      | 3 m | PE White    |
| <b>19063KB</b>   |      | 6 m | PE White    |
| <b>19063KASC</b> |      | 3 m | PE-as Black |
| <b>19063KAS</b>  |      | 6 m | PE-as Black |

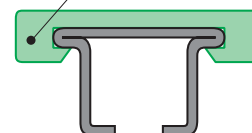
**Notes:** the stainless steel profile and wear strip are supplied assembled.

| Code             | Kg/m | L   | Material    |
|------------------|------|-----|-------------|
| <b>19064KNC</b>  | 1.10 | 3 m | PE Black    |
| <b>19064KN</b>   |      | 6 m | PE Black    |
| <b>19064KVC</b>  |      | 3 m | PE Green    |
| <b>19064KV</b>   |      | 6 m | PE Green    |
| <b>19064KBC</b>  |      | 3 m | PE White    |
| <b>19064KB</b>   |      | 6 m | PE White    |
| <b>19064KASC</b> |      | 3 m | PE-as Black |
| <b>19064KAS</b>  |      | 6 m | PE-as Black |

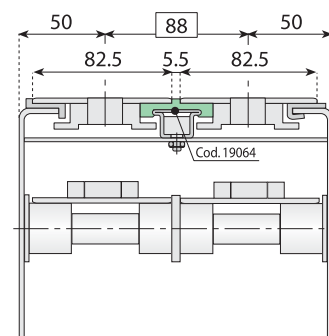
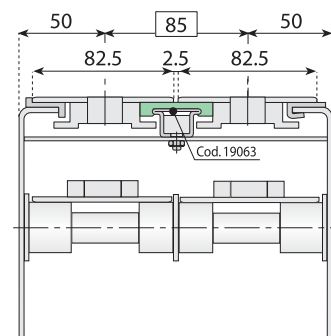
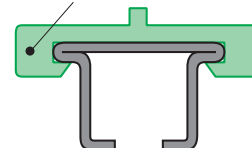
**Notes:** the stainless steel profile and wear strip are supplied assembled.

These profiles are applicable  
to code 19048 - 19048C

cod. **19070 - 19071**

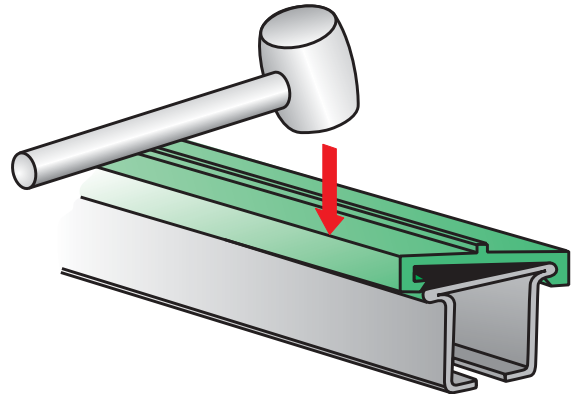


cod. **19072 - 19073**



## ASSEMBLY

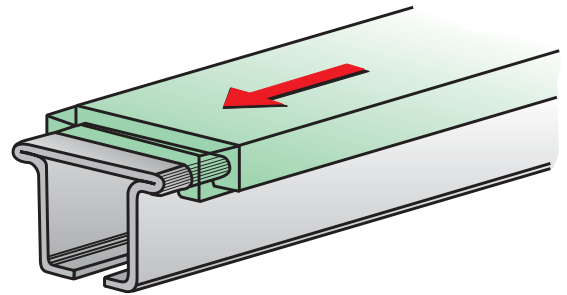
**Notes:** steel profile and wear strip can be assembled by using a rubber hammer.



## THERMAL EXPANSION

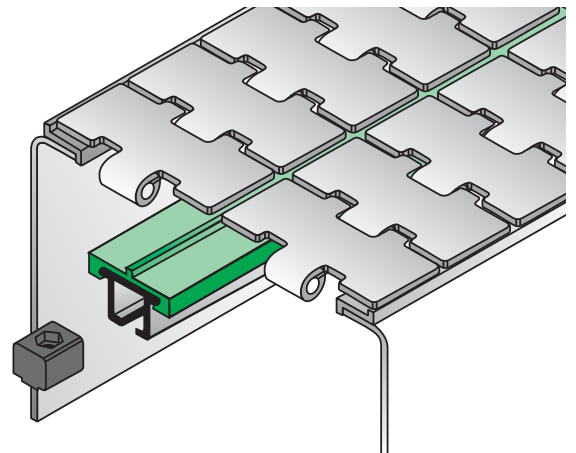
### Notes:

- Coefficient of linear expansion of wear strip between + 20° C and + 120° C =  $2 \times 10^{-4}$  mm/°C.
- Max. continuous service temperature in air: 90° C.
- Water absorption = 0.



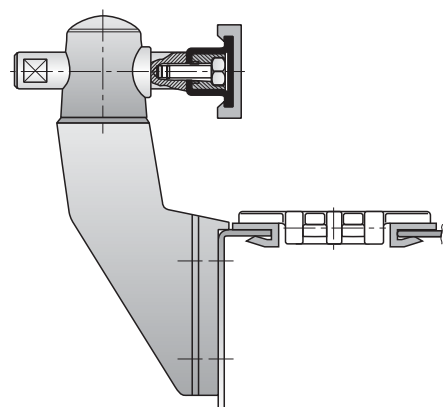
## FIXING

**Notes:** rapid wear strip assembly with M6 or M8 screws.



## SIDE GUIDE

**Application:** the profile can be used on several conveyors as a side guide or as a chains support in combination with standard UHMWPE guides or wear strip.



# WEAR STRIP SHOE FOR STEEL PROFILE

 Preferred type, readily available (codes marked in red)



Polyamide

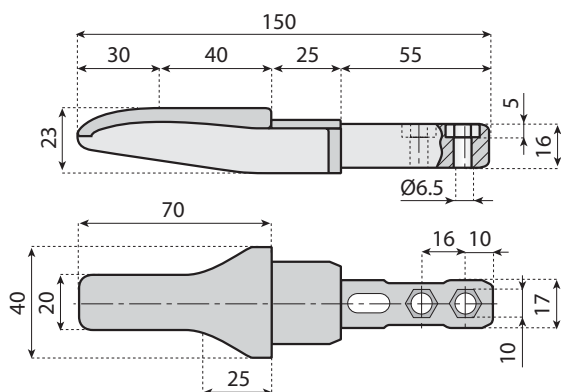


Accessories



## WEAR STRIP SHOE

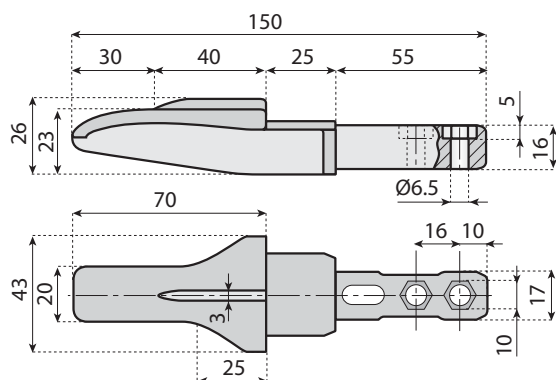
**Application:** shoes are used to help chain guide between idler wheels and wear strip and must be fixed with M6 screws.



## WEAR STRIP SHOE

**Application:** with chain L 82,5 - K325.

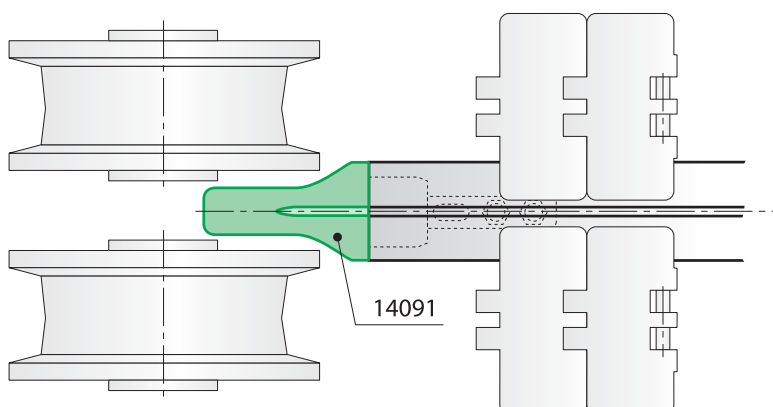
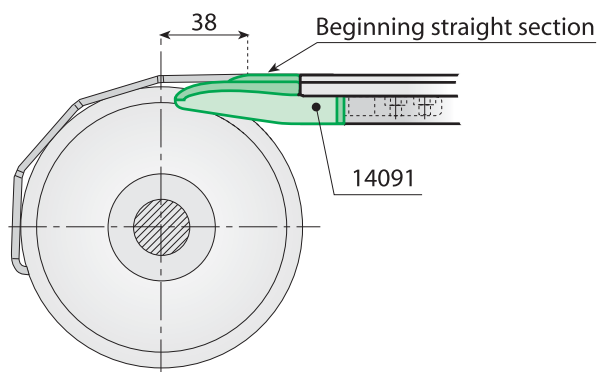
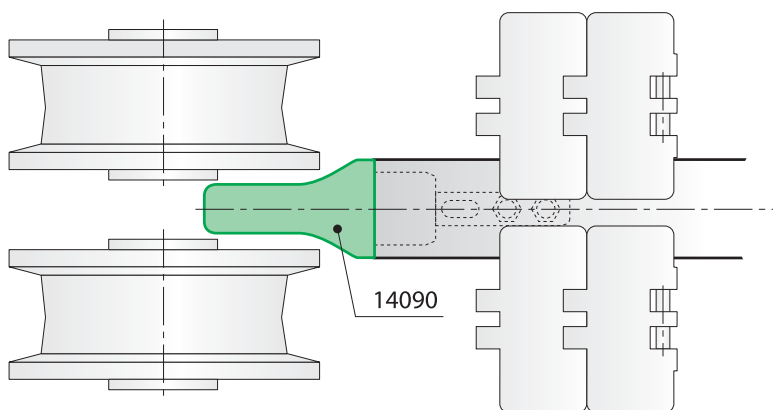
| Code          | for screws |  | Material |  |
|---------------|------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>14090</b>  | M 6        | n°50                                                                                | PA       | Black                                                                               |
| <b>14090V</b> |            |                                                                                     |          | Green                                                                               |



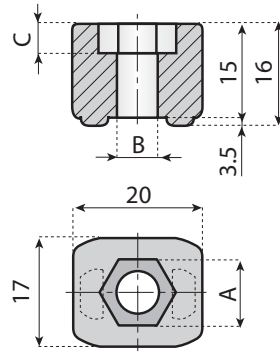
## WEAR STRIP SHOE

**Application:** with chain L 82,5 - K325 pitch P = 88 mm.

| Code          | for screws |  | Material |  |
|---------------|------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>14091</b>  | M 6        | n°50                                                                                | PA       | Black                                                                               |
| <b>14091V</b> |            |                                                                                     |          | Green                                                                               |



 Preferred type, readily available (codes marked in red)

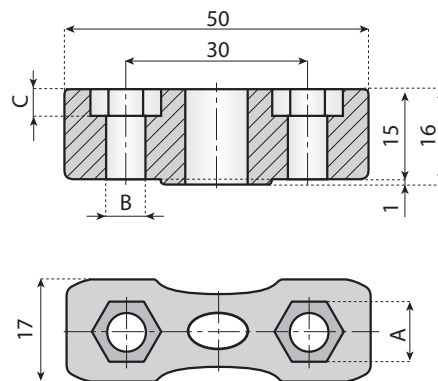
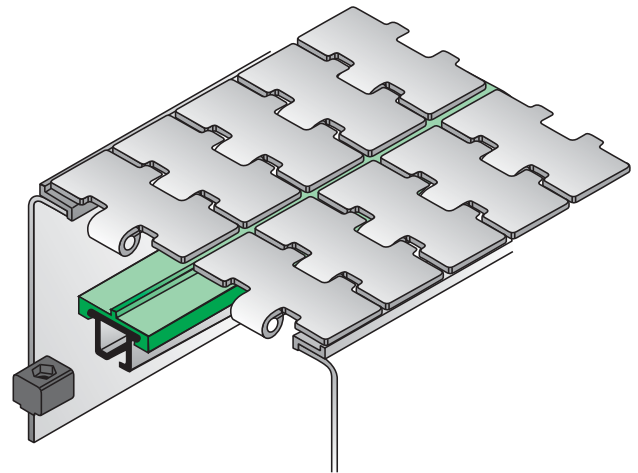


## FIXING CLAMP

**Application:** rapid wear strip assembly with M6 or M8 screws.

| Code  | A mm | B mm | C mm | for screws |       | Material |       |
|-------|------|------|------|------------|-------|----------|-------|
| 14108 | 10   | 6.2  | 4.5  | M6         | n°100 | PA-FG    | Black |
| 14109 | 13   | 8.2  | 6    | M8         |       |          |       |

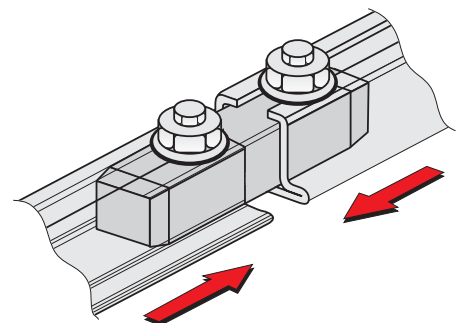
**Notes:** screws are not included.



## CONNECTING ELEMENT

| Code  | A mm | B mm | C mm | for screws |       | Material |       |
|-------|------|------|------|------------|-------|----------|-------|
| 14075 | 10   | 6.2  | 4.5  | M6         | n°100 | PA-FG    | Black |
| 14111 | 13   | 8.2  | 6    | M8         |       |          |       |

**Notes:** screws are not included.



# WEAR STRIP SHOE FOR STEEL PROFILE

 Preferred type, readily available (codes marked in red)



## WEAR STRIP SHOE

**Application:** shoes are used to help chain guide between idler wheels and wear strip and must be fixed with M6 screws.



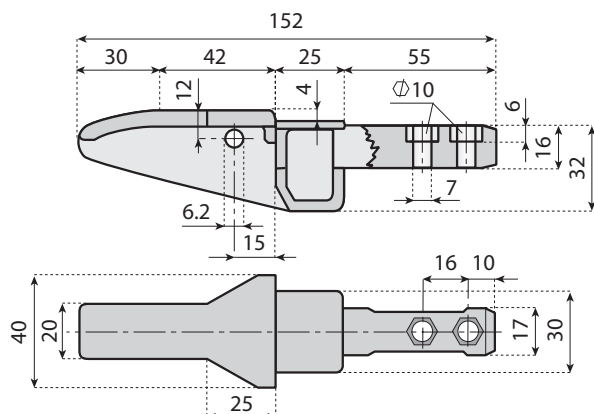
Polyamide



Accessories



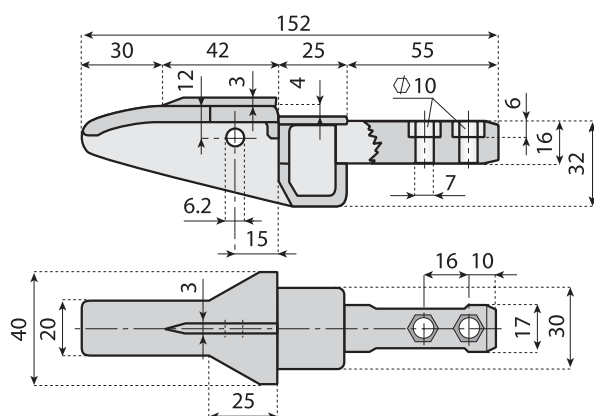
Heavy duty



## WEAR STRIP SHOE

**Application:** with chain L 82,5 - K325.

| Code          | for screws |  | Material |  |
|---------------|------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>14110</b>  | M 6        | n°50                                                                                | PA       | Black                                                                               |
| <b>14110V</b> |            |                                                                                     |          | Green                                                                               |

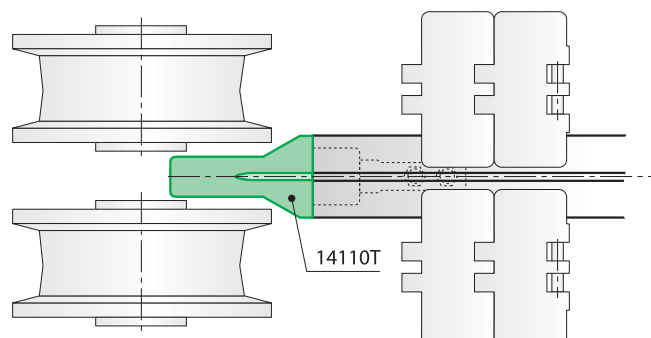
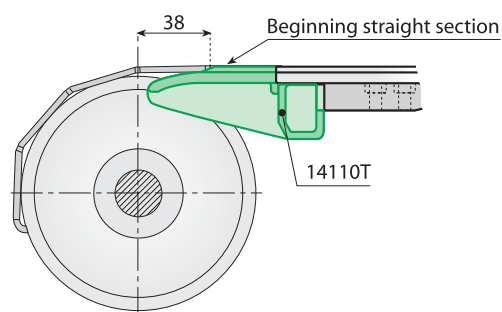
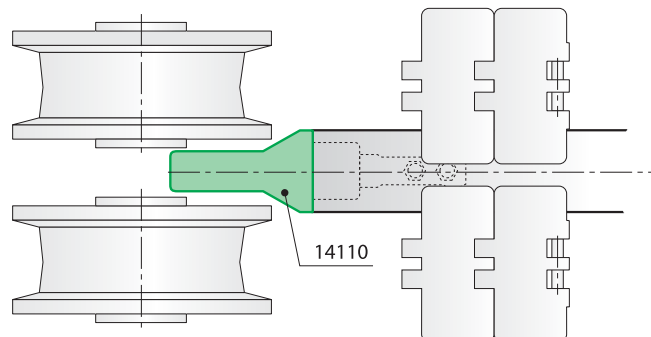


## WEAR STRIP SHOE

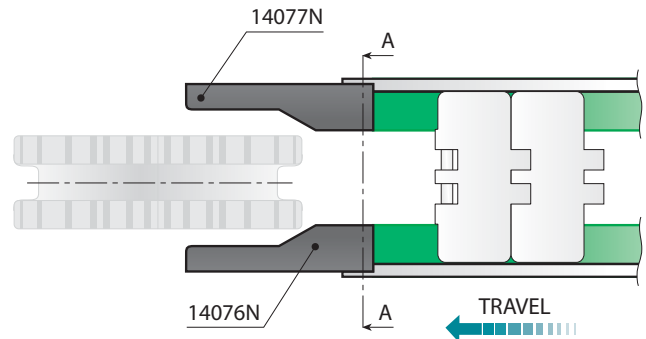
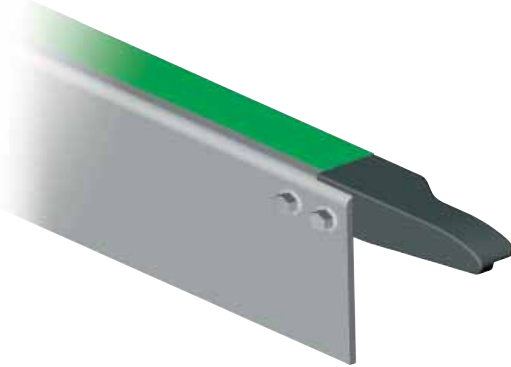
**Application:** with chain L 82,5 - K325 pitch P = 88 mm.

| Code           | for screws |  | Material |  |
|----------------|------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>14110T</b>  | M 6        | n°50                                                                                | PA       | Black                                                                               |
| <b>14110TV</b> |            |                                                                                     |          | Green                                                                               |

## APPLICATION EXAMPLE



 Preferred type, readily available (codes marked in red)



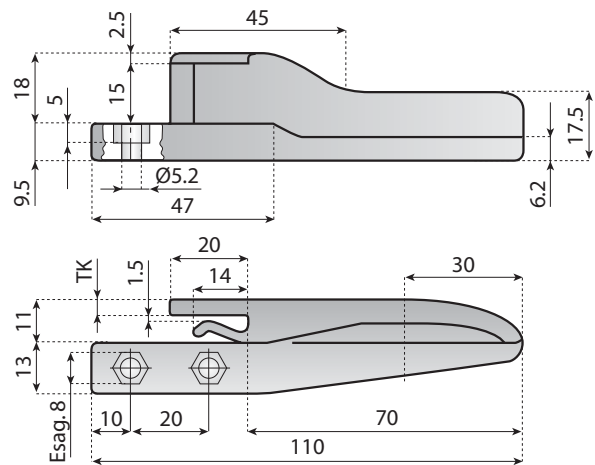
## CHAIN INLET GUIDE SHOES

**Application:** shoes are used to help chain guide between idler wheels and wear strip and must be fixed with M5 screws.



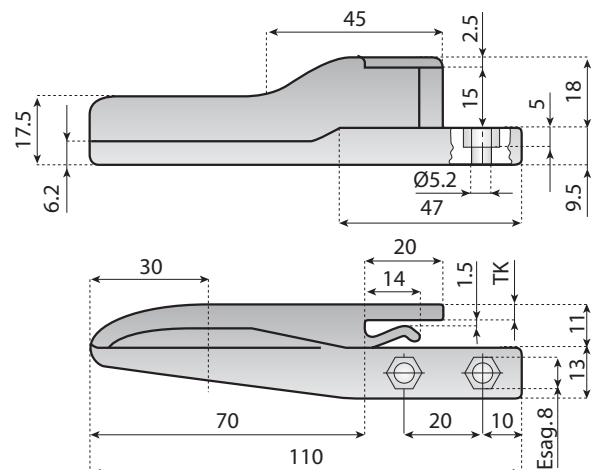
## GUIDE SHOE (right version)

| Code          | fixing screws | TK   |  | Material |  |
|---------------|---------------|------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>14076N</b> | M 5           | 3 mm | n°10                                                                                | PA       | Black                                                                               |
| <b>14076V</b> |               | 3 mm |                                                                                     |          | Green                                                                               |
| <b>14087N</b> |               | 4 mm |                                                                                     |          | Black                                                                               |
| <b>14087V</b> |               | 4 mm |                                                                                     |          | Green                                                                               |



## GUIDE SHOE (left version)

| Code          | fixing screws | TK   |  | Material |  |
|---------------|---------------|------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>14077N</b> | M 5           | 3 mm | n°10                                                                                | PA       | Black                                                                               |
| <b>14077V</b> |               | 3 mm |                                                                                     |          | Green                                                                               |
| <b>14088N</b> |               | 4 mm |                                                                                     |          | Black                                                                               |
| <b>14088V</b> |               | 4 mm |                                                                                     |          | Green                                                                               |



# SIDE TRANSFER GUIDE SHOE

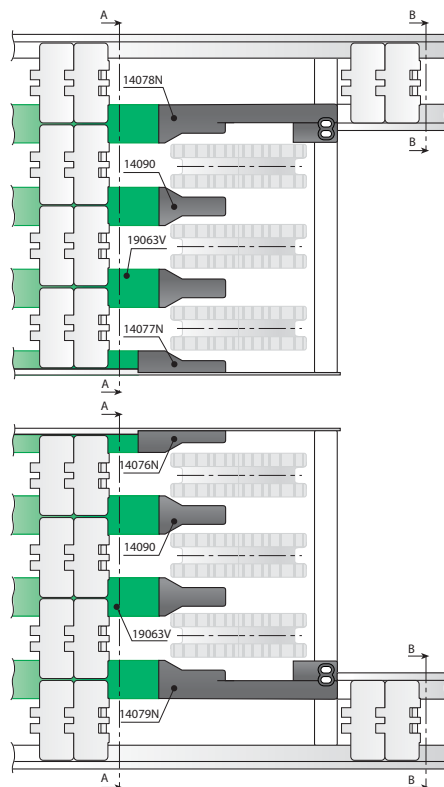
 Preferred type, readily available (codes marked in red)



Polyamide

Accessories

**IMPROVED  
DESIGN**

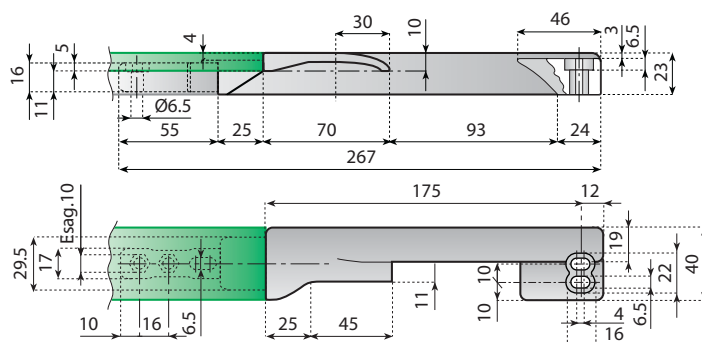


## SIDE TRANSFER GUIDE SHOE

**Application:** shoes are used to help chain guide between idler wheels and wear strip and must be fixed with M6 screws.

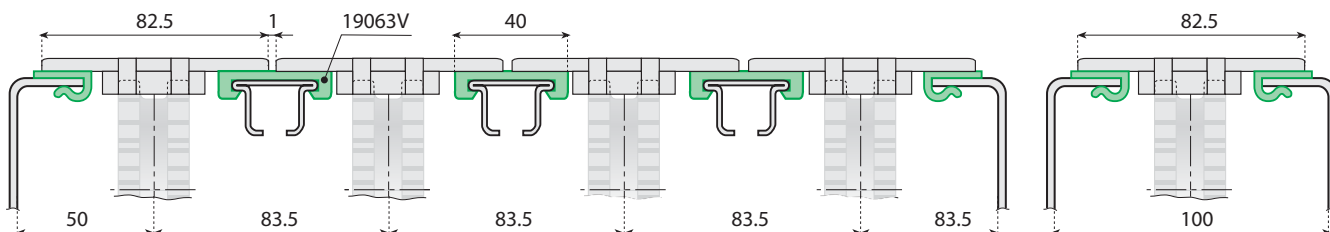
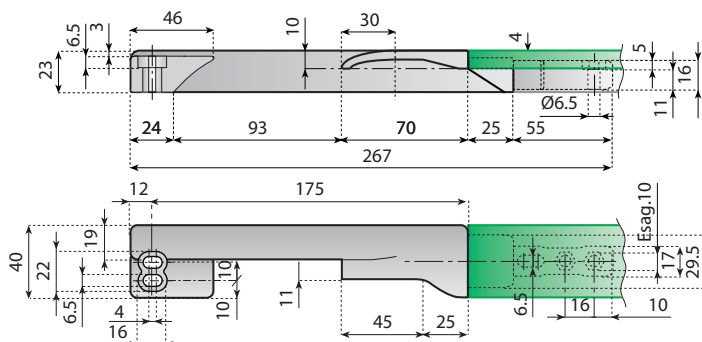
## SIDE TRANSFER GUIDE SHOE - RIGHT VERSION

| Code                    | fixing screws |  | Material |  |
|-------------------------|---------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>14078N</b><br>14078V | M 6           | n°10                                                                                | PA       | Black Green                                                                         |



## SIDE TRANSFER GUIDE SHOE - LEFT VERSION

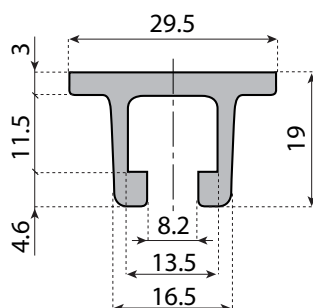
| Code                    | fixing screws |  | Material |  |
|-------------------------|---------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>14079N</b><br>14079V | M 6           | n°10                                                                                | PA       | Black Green                                                                         |



 Preferred type, readily available (codes marked in red)



## ALUMINIUM PROFILE



## CHAIN GUIDE WEAR STRIPS

### Material:

- Metal profile in anodized aluminium.
- Wear strip in UHMWPE.

### Characteristics:

- Very low friction coefficient.
- Moderate resistance to chemical agents.
- No liquid absorption.

### Supply:

- 3 or 6 meters.
- Metal profile and wear strip are supplied assembled.

### Application:

- As chain guide (carry and return).
- As side guide.



Polyethylene  
UHMW



Polyethylene  
antistatic  
UHMW



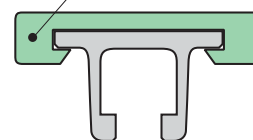
Anodized  
aluminium



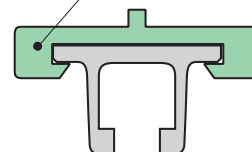
Accessories

These profiles are applicable  
to code 19097 - 19097L

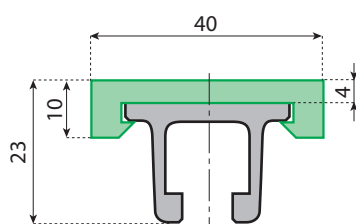
cod. 19070 - 19071



cod. 19072 - 19073

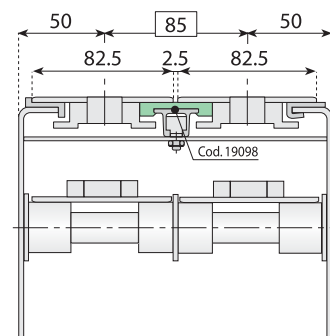


## CHAIN GUIDE WEAR STRIP

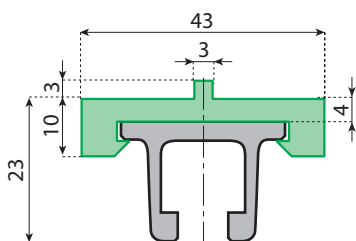


| Code     | Kg/m | L   | Material |       |
|----------|------|-----|----------|-------|
| 19098N   | 0.68 | 3 m | PE       | Black |
| 19098NL  |      | 6 m | PE       | Black |
| 19098V   |      | 3 m | PE       | Green |
| 19098VL  |      | 6 m | PE       | Green |
| 19098B   |      | 3 m | PE       | White |
| 19098BL  |      | 6 m | PE       | White |
| 19098AS  |      | 3 m | PE-as    | Black |
| 19098ASL |      | 6 m | PE-as    | Black |

**Notes:** the aluminium profile and wear strip are supplied assembled.

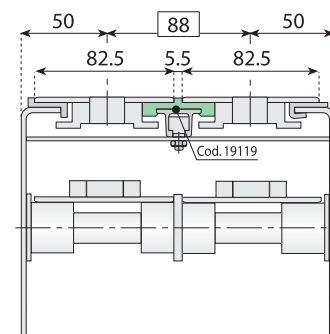


## CHAIN GUIDE WEAR STRIP



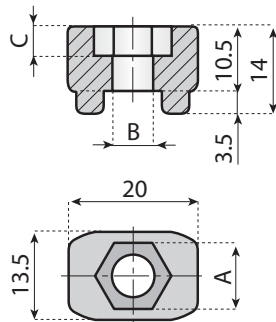
| Code     | Kg/m | L   | Material |       |
|----------|------|-----|----------|-------|
| 19119N   | 0.70 | 3 m | PE       | Black |
| 19119NL  |      | 6 m | PE       | Black |
| 19119V   |      | 3 m | PE       | Green |
| 19119VL  |      | 6 m | PE       | Green |
| 19119B   |      | 3 m | PE       | White |
| 19119BL  |      | 6 m | PE       | White |
| 19119AS  |      | 3 m | PE-as    | Black |
| 19119ASL |      | 6 m | PE-as    | Black |

**Notes:** the aluminium profile and wear strip are supplied assembled.



# CHAIN GUIDE WEAR STRIP ACCESSORIES FOR ALUMINIUM PROFILE

 Preferred type, readily available (codes marked in red)

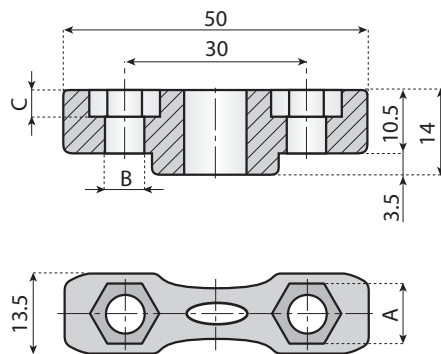
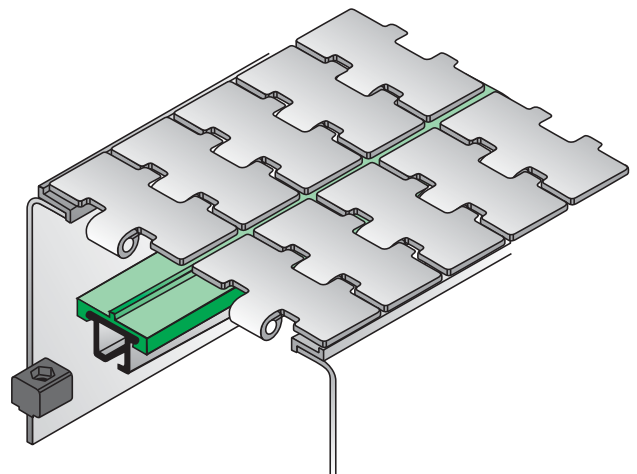


## FIXING CLAMP

**Application:** rapid wear strip assembly with screws M6 or M5.

| Code         | A<br>mm | B<br>mm | C<br>mm | for<br>screws |  | Material |  |
|--------------|---------|---------|---------|---------------|------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------|
| <b>14084</b> | 10      | 6.2     | 4.5     | M6            | n°100                                                                              | PA-FG    | Black                                                                              |
| <b>14085</b> | 8       | 5.2     | 4       | M5            |                                                                                    |          |                                                                                    |

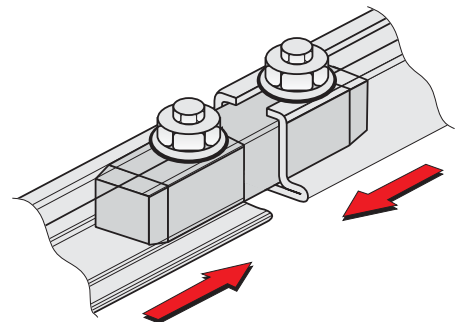
**Notes:** screws are not included.



## CONNECTING ELEMENT

| Code         | A<br>mm | B<br>mm | C<br>mm | for<br>screws |  | Material |  |
|--------------|---------|---------|---------|---------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>14082</b> | 10      | 6.2     | 4.5     | M6            | n°100                                                                               | PA-FG    | Black                                                                               |
| <b>14083</b> | 8       | 5.2     | 4       | M5            |                                                                                     |          |                                                                                     |

**Notes:** screws are not included.



# CHAIN GUIDE WEAR STRIP ACCESSORIES FOR ALUMINIUM PROFILE

 Preferred type, readily available (codes marked in red)

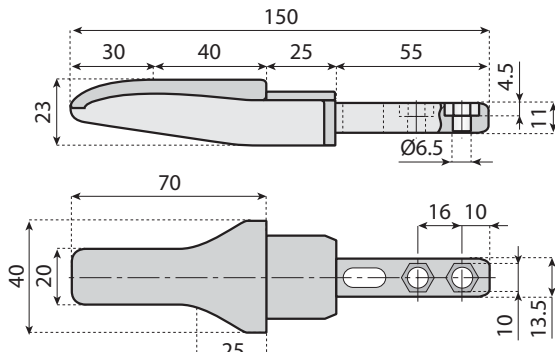


Polyamide



## WEAR STRIP SHOE

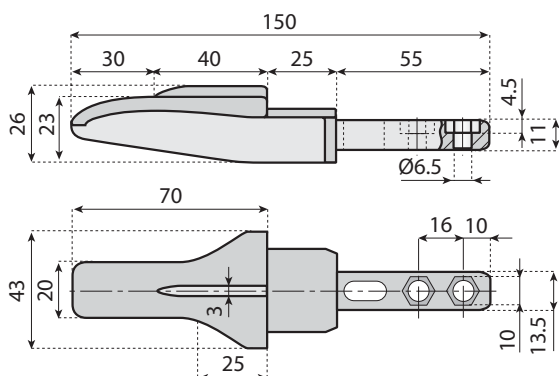
**Application:** shoes are used to help chain guide between idler wheels and wear strip and must be fixed with M6 screws.



## WEAR STRIP SHOE

**Application:** with chain L 82,5 - K325.

| Code          | for screws |  | Material |  |
|---------------|------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>14080</b>  | M 6        | n°50                                                                                | PA       | Black                                                                               |
| <b>14080V</b> |            |                                                                                     |          | Green                                                                               |

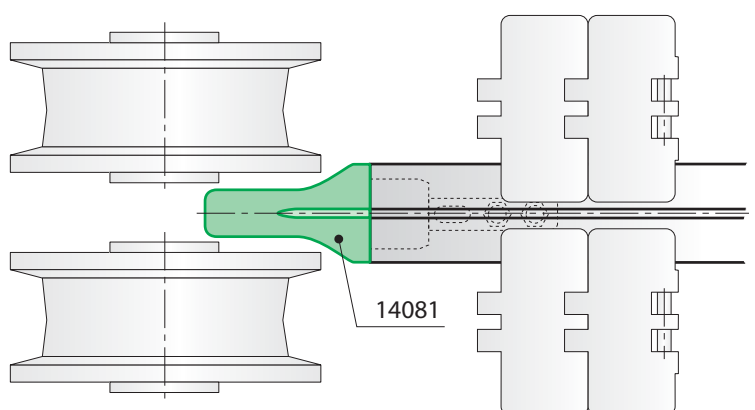
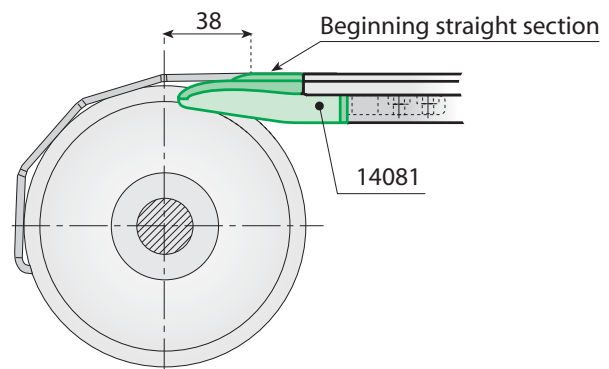
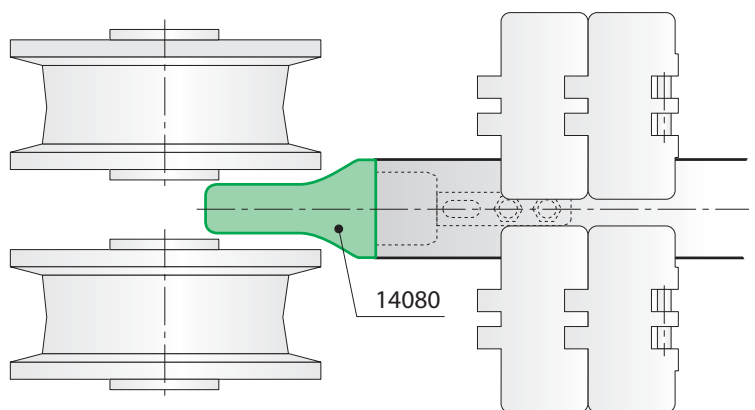


## WEAR STRIP SHOE

**Application:** with chain L 82,5 - K325 distance 88 mm.

| Code          | for screws |  | Material |  |
|---------------|------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>14081</b>  | M 6        | n°50                                                                                | PA       | Black                                                                               |
| <b>14081V</b> |            |                                                                                     |          | Green                                                                               |

## APPLICATION EXAMPLE



## CHAIN GUIDE WEAR STRIP (ACCESSORIES)

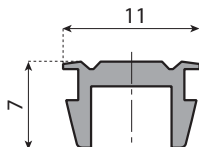
 Preferred type, readily available (codes marked in red)



Thermoplastic  
rubber



Reinforced  
polyamide



### PROTECTION TAPE

**Application:** protection of steel profile against infiltration of liquids and dust.

Code

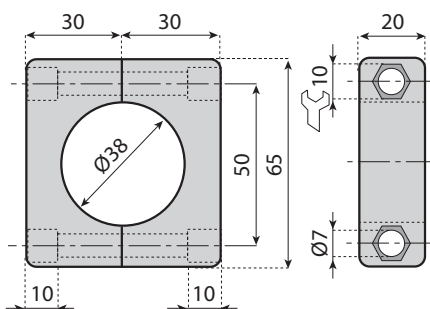
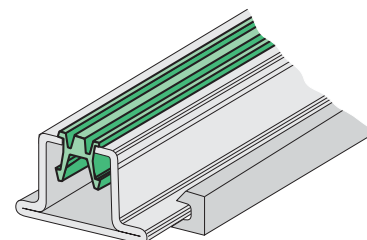
**19049**



30 m

Material

TPR



### WEAR STRIP CLAMP

**Application:** support of wear strip.

Code

**14347**

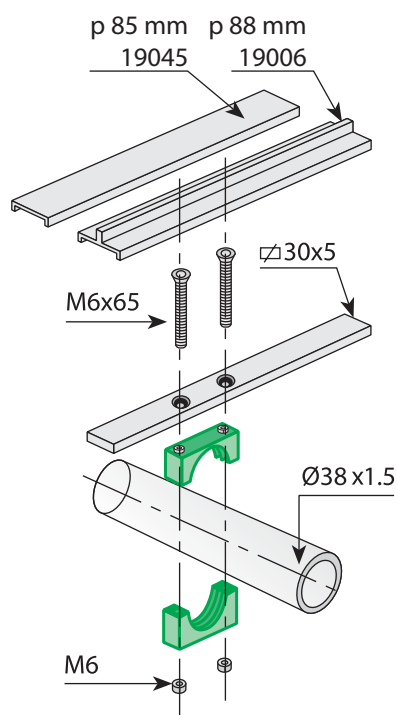


n°50

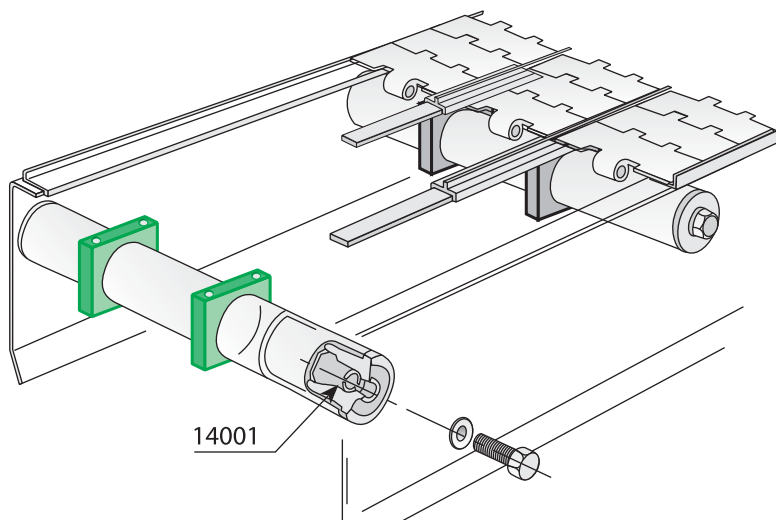
Material

PA-FG

**Notes:** screws are not included.



### APPLICATION EXAMPLE



 Preferred type, readily available (codes marked in red)



Polyethylene  
UHMW



Nolu-S



Nolu-SR

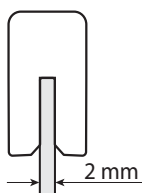
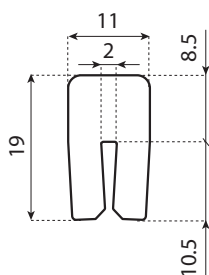
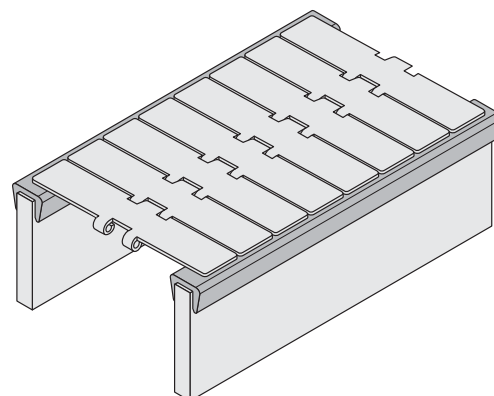
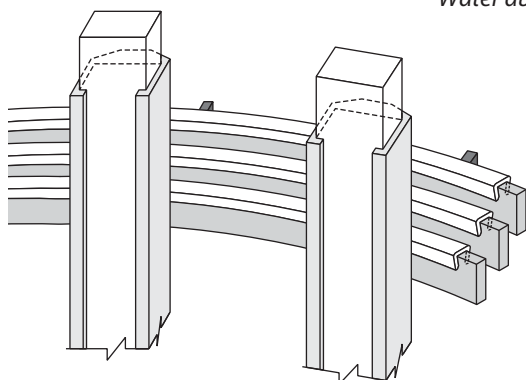
## BAR CAPS

### Material:

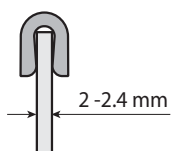
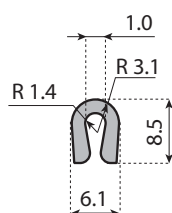
Extruded ultra high molecular weight polyethylene.

Max. continuous service temperature in air 90°C.

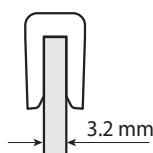
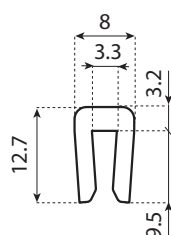
Water absorption coefficient = 0.



| Code               | Ref.         |  |  |  | Material |  |
|--------------------|--------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00050-3M</b> | VG-P116HD-3M | 3 m                                                                                   | -                                                                                     | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00050-6M</b> | VG-P116HD-6M | 6 m                                                                                   | -                                                                                     | 60 m                                                                                  | PE       | White                                                                                 |



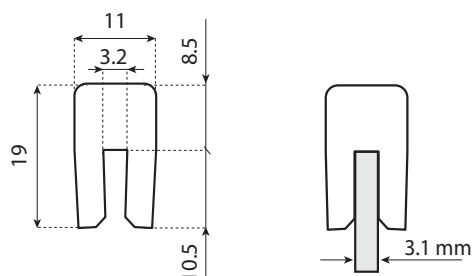
| Code                   | Ref.           |  |  |  | Material |  |
|------------------------|----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00036NS-30M</b>  | VG-P105R-30M   | -                                                                                     | 30 m                                                                                  | 30 m                                                                                  | Nolu-S   | Light Grey                                                                            |
| <b>19S00036NS-75M</b>  | VG-P105R-75M   | -                                                                                     | 75 m                                                                                  | 75 m                                                                                  | Nolu-S   | Light Grey                                                                            |
| <b>19S00036NSR-30M</b> | VG-P105RCL-30M | -                                                                                     | 30 m                                                                                  | 30 m                                                                                  | Nolu-SR  | Dark Grey                                                                             |
| <b>19S00036NSR-75M</b> | VG-P105RCL-75M | -                                                                                     | 75 m                                                                                  | 75 m                                                                                  | Nolu-SR  | Dark Grey                                                                             |



| Code                  | Ref.            |  |  |  | Material |  |
|-----------------------|-----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00056-30M</b>   | VG-P18BC-30M    | -                                                                                     | 30 m                                                                                  | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00056NS-30M</b> | VG-P18BC-NS-30M | -                                                                                     | 30 m                                                                                  | 30 m                                                                                  | Nolu-S   | Light Grey                                                                            |

# BAR CAPS

 Preferred type, readily available (codes marked in red)



## Code

## Ref.



**19S00062-3M**  
**19S00062-6M**

VG-P18HD-3M  
VG-P18HD-6M

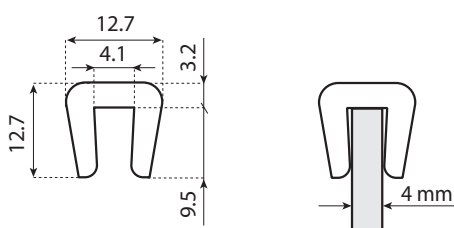
3 m  
6 m

-

30 m  
60 m

PE

White



## Code

## Ref.



**19S00082-30M**  
**19S00082-75M**

VG-PM4BC-30M  
VG-PM4BC-75M

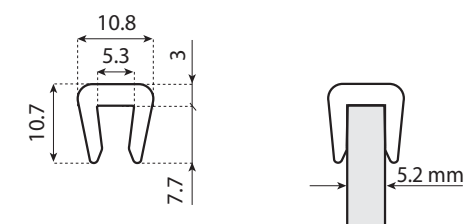
-

30 m  
75 m

30 m  
75 m

PE

White



## Code

## Ref.



**19S00066-3M**  
**19S00066-6M**  
**19S00066-30M**

VG-P316BC-3M  
VG-P316BC-6M  
**VG-P316BC-30M**

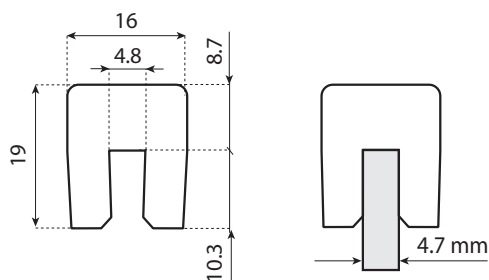
3 m  
6 m  
-

-  
-

30 m  
60 m  
30 m

PE

White



## Code

## Ref.



**19S00067-3M**  
**19S00067-6M**

VG-P316HD-3M  
**VG-P316HD-6M**

3 m  
6 m

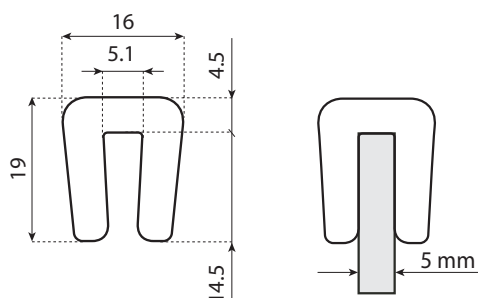
-

30 m  
60 m

PE

White

**\* VERY TIGHT FIT**



## Code

## Ref.



**19S00073-3M**  
**19S00073-6M**  
**19S00073-30M**  
**19S00073NS-3M**  
**19S00073NS-6M**

VG-P7GABC-3M  
VG-P7GABC-6M  
VG-P7GABC-30M  
VG-P7GABC-NS-3M  
VG-P7GABC-NS-6M

3 m  
6 m  
-  
3 m  
6 m

-  
-  
30 m  
-

30 m  
60 m  
30 m  
30 m  
60 m

PE  
PE  
PE  
Nolu-S  
Nolu-S

White  
White  
White  
Light Grey  
Light Grey

 Preferred type, readily available (codes marked in red)



Polyethylene  
UHMW



Nolu-S

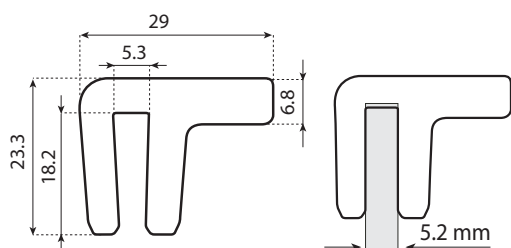
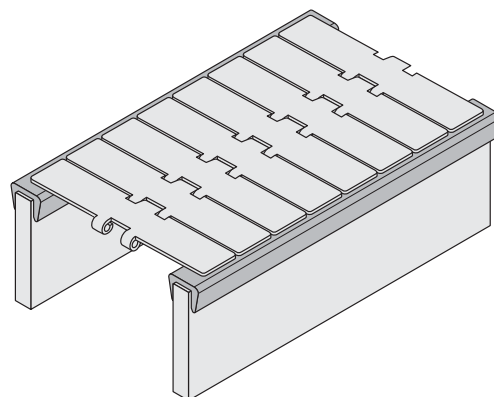
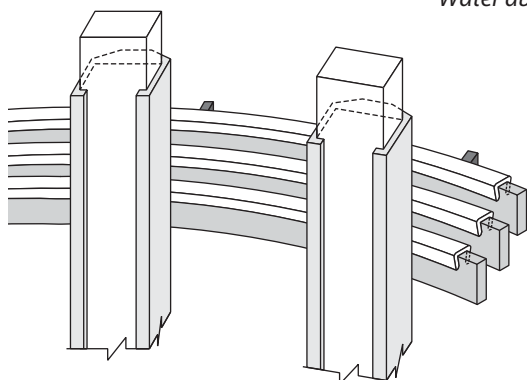
## BAR CAPS

### Material:

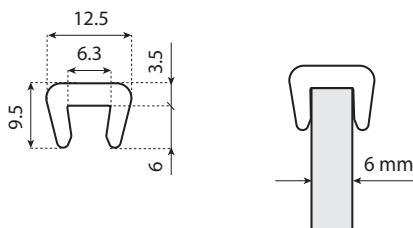
Extruded ultra high molecular weight polyethylene.

Max. continuous service temperature in air 90° C.

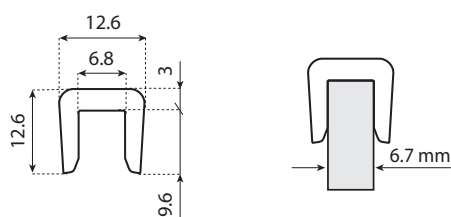
Water absorption coefficient = 0.



| Code                 | Ref.            |  |  |  | Material |  |
|----------------------|-----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00076-3M</b>   | VG-P7GAHD-3M    | 3 m                                                                                   |                                                                                       | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00076-6M</b>   | VG-P7GAHD-6M    | 6 m                                                                                   | -                                                                                     | 60 m                                                                                  | PE       | White                                                                                 |
| <b>19S00076NS-6M</b> | VG-P7GAHD-NS-6M | 6 m                                                                                   |                                                                                       | 30 m                                                                                  | Nolu-S   | Light Grey                                                                            |



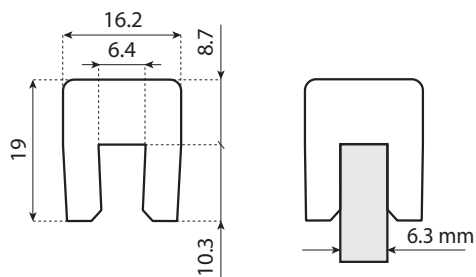
| Code                | Ref.          |  |  |  | Material |  |
|---------------------|---------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00055-30M</b> | VG-P14SBC-30M | -                                                                                     | 30 m                                                                                  | 30 m                                                                                  | PE       | White                                                                                 |



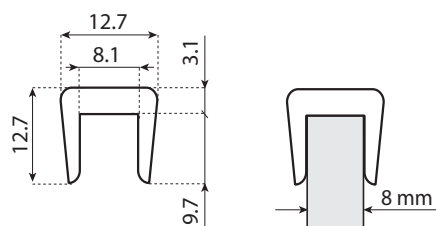
| Code                 | Ref.          |  |  |  | Material |  |
|----------------------|---------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00052-30M</b>  | VG-P14BC-30M  | -                                                                                     | 30 m                                                                                  | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00052-150M</b> | VG-P14BC-150M | -                                                                                     | 150 m                                                                                 | 150 m                                                                                 | PE       | White                                                                                 |

# BAR CAPS

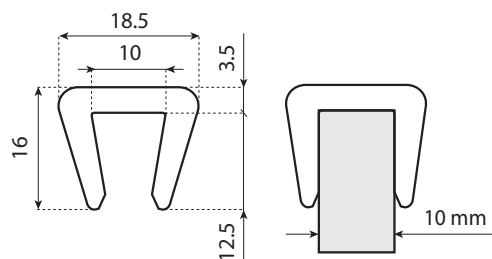
 Preferred type, readily available (codes marked in red)



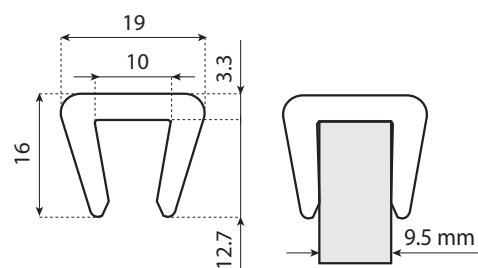
| Code               | Ref.        |  |  |  | Material |  |
|--------------------|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>19S00054-3M</b> | VG-P14HD-3M | 3 m                                                                                 | -                                                                                   | 30 m                                                                                | PE       | White                                                                               |
| <b>19S00054-6M</b> | VG-P14HD-6M | 6 m                                                                                 | -                                                                                   | 60 m                                                                                | PE       | White                                                                               |



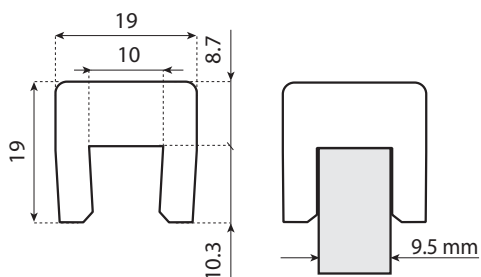
| Code                   | Ref.             |  |  |  | Material |  |
|------------------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>19S00071-6M</b>     | VG-P516BC-6M     | 6 m                                                                                 | -                                                                                   | 60 m                                                                                | PE       | White                                                                               |
| <b>19S00071-30M</b>    | VG-P516BC-30M    | -                                                                                   | 30 m                                                                                | 30 m                                                                                | PE       | White                                                                               |
| <b>19S00071-NS-30M</b> | VG-P516BC-NS-30M | -                                                                                   | 30 m                                                                                | 30 m                                                                                | Nolu-S   | Light Grey                                                                          |



| Code                | Ref.          |  |  |  | Material |  |
|---------------------|---------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00081-75M</b> | VG-PM10BC-75M | -                                                                                     | 75 m                                                                                  | 75 m                                                                                  | PE       | White                                                                                 |

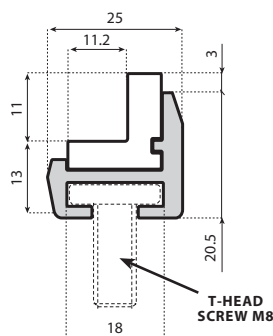
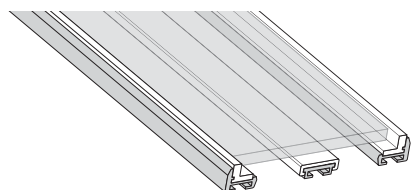


| Code                  | Ref.            |  |  |  | Material |  |
|-----------------------|-----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00068-30M</b>   | VG-P38BC-30M    | -                                                                                     | 30 m                                                                                  | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00068-75M</b>   | VG-P38BC-75M    | -                                                                                     | 75 m                                                                                  | 75 m                                                                                  | PE       | White                                                                                 |
| <b>19S00068NS-75M</b> | VG-P38BC-NS-75M | -                                                                                     | 75 m                                                                                  | 75 m                                                                                  | Nolu-S   | Light Grey                                                                            |



| Code               | Ref.        |  |  |  | Material |  |
|--------------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00069-3M</b> | VG-P38HD-3M | 3 m                                                                                   | -                                                                                     | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00069-6M</b> | VG-P38HD-6M | 6 m                                                                                   | -                                                                                     | 60 m                                                                                  | PE       | White                                                                                 |

 Preferred type, readily available (codes marked in red)



## SBG/BWS - SUPPORT FOR CHAIN AND BELTS

Aluminum and UHMW guide rail for use in guiding the sides and supporting the middle of modular conveyor belts. Ultra-low friction bottom and side support of belt. Easily formed into curves with the Valu Guide Rail Bending Machine. Available in 3M lengths. Minimum radius 457 mm (inside edge). Replaceable UHMW strips.



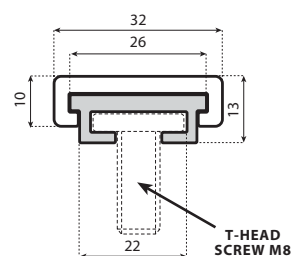
Polyethylene UHMW



Aluminum



Consult pages 105 → 109 for bending machines



### SBG

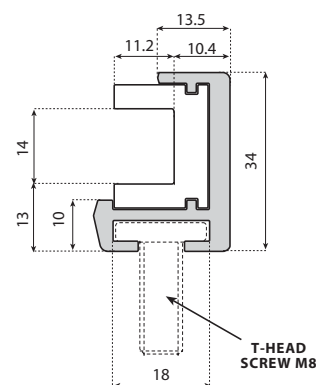
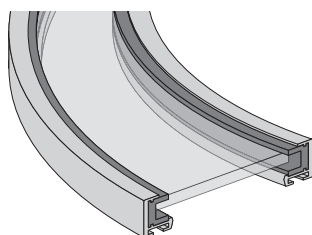
| Code                      | Ref.          |  |  | Material |  |
|---------------------------|---------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------|
| <b>19S00087-3M</b>        | VG-SBG-50-3M  | 3 m                                                                                | 30 m                                                                               | Al+PE    | White                                                                              |
| <b>Insert Replacement</b> |               |                                                                                    |                                                                                    |          |                                                                                    |
| <b>19S00080-3M</b>        | VG-PSBG-50-3M | 3 m                                                                                | 30 m                                                                               | PE       | White                                                                              |

### BWS

| Code                      | Ref.           |  |  | Material |  |
|---------------------------|----------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------|
| <b>19S00108-3M</b>        | VG-BWS-125-3M  | 3 m                                                                                  | 30 m                                                                                 | Al+PE    | White                                                                                |
| <b>Insert Replacement</b> |                |                                                                                      |                                                                                      |          |                                                                                      |
| <b>19S00083-3M</b>        | VG-PBWS-125-3M | 3 m                                                                                  | 30 m                                                                                 | PE       | White                                                                                |

## MBG - SUPPORT FOR CHAIN AND BELTS

Aluminum and Nolu-S guide rail for use in guiding the sides of selected plastic modular conveyor belts through turns. Ultra-low friction. Top and bottom capture of belt. Easily formed into curves with the Valu Guide Rail Bending Machine. Available in 3M lengths. Minimum radius 457 mm (inside edge). Replaceable Nolu-S strips.



Stainless steel



Nolu-S



Aluminum

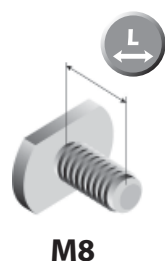


Consult pages 105 → 109 for bending machines

### MBG

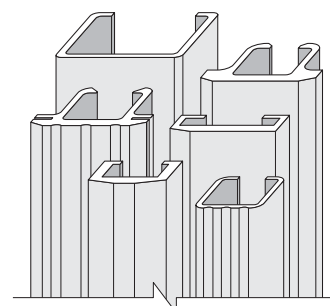
| Code                      | Ref.             |  |  | Material  |  |
|---------------------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------|
| <b>19S00035-3M</b>        | VG-MBG-50-NS-3M  | 3 m                                                                                 | 30 m                                                                                | Al+Nolu-S | Light grey                                                                          |
| <b>Insert Replacement</b> |                  |                                                                                     |                                                                                     |           |                                                                                     |
| <b>19S00077-3M</b>        | VG-PMBG-50-NS-3M | 3 m                                                                                 | 30 m                                                                                | Nolu-S    | Light grey                                                                          |

### T-HEAD SCREW M8



M8

| Code            | Ref.        |  |  | Material |
|-----------------|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|
| <b>13S00255</b> | VG-1568M-01 | 16 mm                                                                               | n°10                                                                                | SS       |
| <b>13S00256</b> | VG-1568M-02 | 19 mm                                                                               | n°10                                                                                |          |
| <b>13S00258</b> | VG-1568M-04 | 32 mm                                                                               | n°10                                                                                |          |



# MBG -SUPPORT FOR CHAIN AND BELTS

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Polyethylene  
UHMW

## CHAIN GUIDE WEAR STRIP

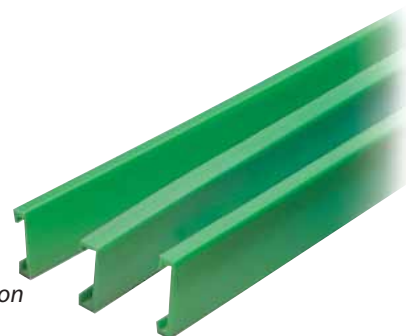
### Material:

- Metal profile in stainless steel AISI 304.
- Wear strip in UHMWPE.

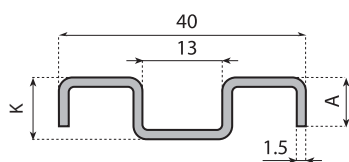
### Supply:

- 3 or 6 meters.
- Steel profile and wear strip are supplied assembled.

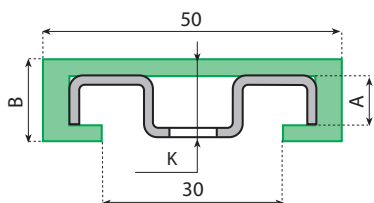
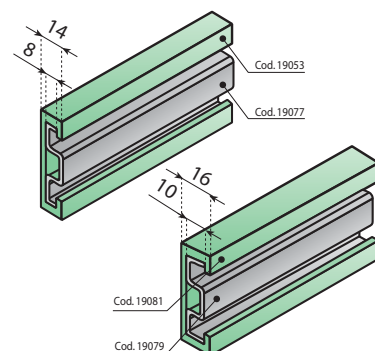
**Application:** the profile can be used on several conveyors as a side guide or as a chain support in combination with standard UHMWPE guides or wear strip.



## M-PROFILE



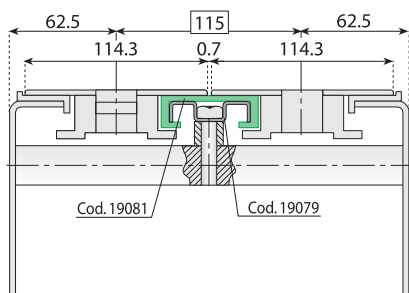
| Code           | A  | K    |    | Material |             |
|----------------|----|------|----|----------|-------------|
| <b>19077</b>   | 6  | 0.74 | 10 | 3 m      | SS 304 30 m |
| <b>19077L</b>  | 6  | 0.74 | 10 | 6 m      |             |
| <b>190265</b>  | 8  | 0.78 | 8  | 3 m      |             |
| <b>190265L</b> | 8  | 0.78 | 8  | 6 m      |             |
| <b>19079</b>   | 10 | 0.82 | 10 | 3 m      |             |
| <b>19079L</b>  | 10 | 0.82 | 10 | 6 m      |             |



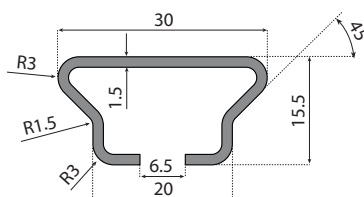
## M-PROFILE WEAR STRIP

| Code            | Kg/m | K     | L   | A    | B  |      | Material |       |
|-----------------|------|-------|-----|------|----|------|----------|-------|
| <b>190240N</b>  | 0.97 | 12.75 | 3 m | 6.5  | 12 | 30 m | PE       | Black |
| <b>190240NL</b> | 0.97 | 12.75 | 6 m | 6.5  | 12 |      |          | Black |
| <b>190240V</b>  | 0.97 | 12.75 | 3 m | 6.5  | 12 |      |          | Green |
| <b>190240VL</b> | 0.97 | 12.75 | 6 m | 6.5  | 12 |      |          | Green |
| <b>190241N</b>  | 1.03 | 10.75 | 3 m | 8.5  | 14 |      |          | Black |
| <b>190241NL</b> | 1.03 | 10.75 | 6 m | 8.5  | 14 |      |          | Black |
| <b>190241V</b>  | 1.03 | 10.75 | 3 m | 8.5  | 14 |      |          | Green |
| <b>190241VL</b> | 1.03 | 10.75 | 6 m | 8.5  | 14 |      |          | Green |
| <b>190242N</b>  | 1.09 | 12.75 | 3 m | 10.5 | 16 |      |          | Black |
| <b>190242NL</b> | 1.09 | 12.75 | 6 m | 10.5 | 16 |      |          | Black |
| <b>190242V</b>  | 1.09 | 12.75 | 3 m | 10.5 | 16 |      |          | Green |
| <b>190242VL</b> | 1.09 | 12.75 | 6 m | 10.5 | 16 |      |          | Green |

**Notes:** screws are not included.



## CONSTRUCTION PROFILE FOR WEARSTRIPS



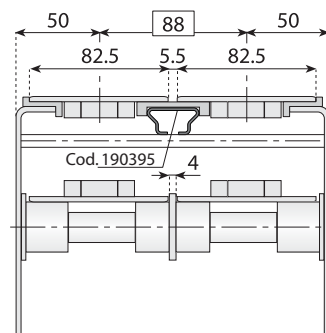
| Code          | Kg/m | L  |     | Material |
|---------------|------|----|-----|----------|
| <b>190395</b> | 0.76 | 3m | 30m | SS 430   |
| <b>190396</b> |      | 6m |     |          |



Accessories



AISI 430  
Stainless steel



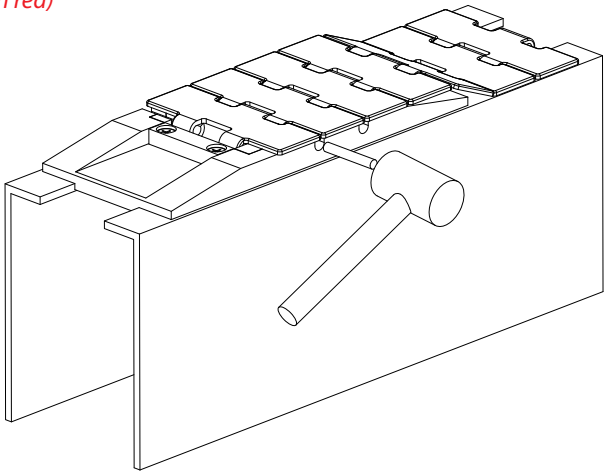
 Preferred type, readily available (codes marked in red)



Aluminum



Hardened  
Steel



CHAIN MOUNTING BLOCK

Technical features:

- The chain mounting block is a tool that makes chain assembly and disassembly easier. It is made for steel and plastic chains with single hinge and with heavy duty hinge. The block fits between the wearstrips of the conveyor.

Material:

Base: Aluminum

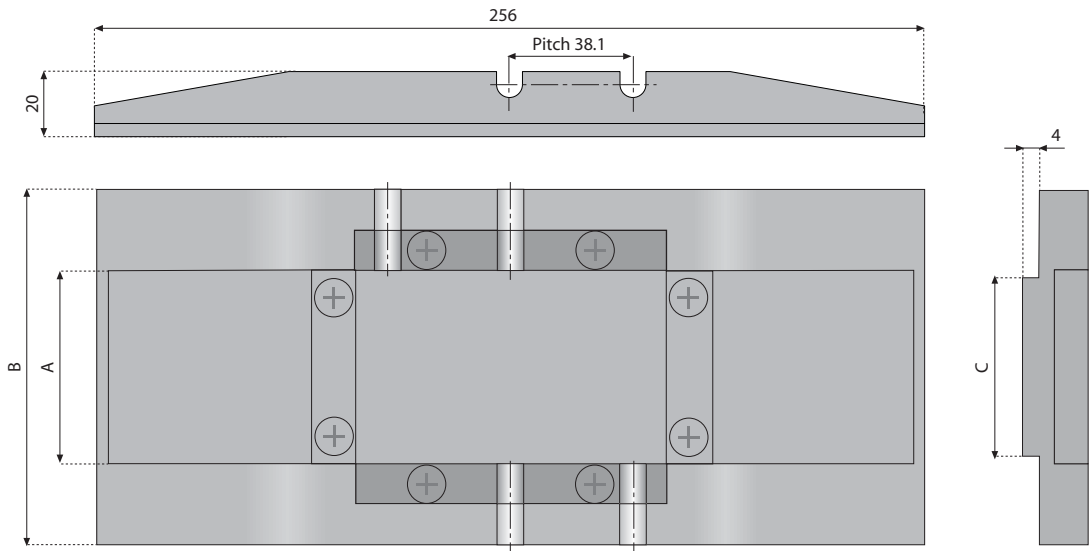
Adapter parts: hardened steel



Code 19990

Code 19991

Code 19992



| Code  | A  | B   | C  | FOR CHAIN TYPE                                                                                                         |
|-------|----|-----|----|------------------------------------------------------------------------------------------------------------------------|
| 19990 | 45 | 80  | 40 | Steel single hinge chains, straight running and side flexing magnetic and plastic chains straight running, 820 series. |
| 19991 | 60 | 110 | 55 | Steel chains with Heavy Duty hinge, 8157 (VG) and 8857M.                                                               |
| 19992 | 45 | 80  | 40 | Plastic chains straight running 828 series and sideflexing 879 and 880 series magnetic.                                |

Note: not suitable for TAB or bevel chains

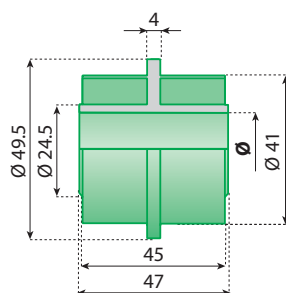




**Chain return components**

# CHAIN RETURN COMPONENTS

 Preferred type, readily available (codes marked in red)



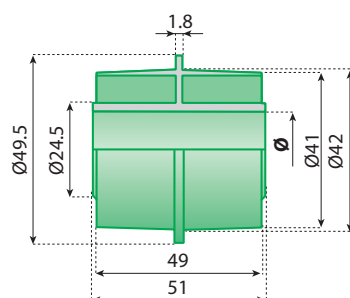
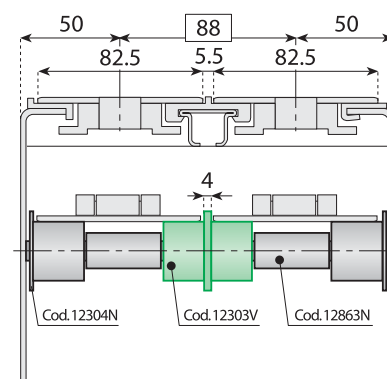
External diameter



Polyethylene  
High Density  
Self-lubricating

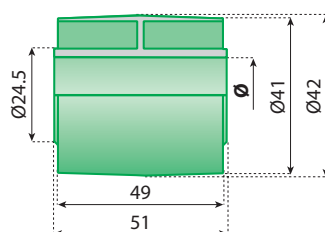
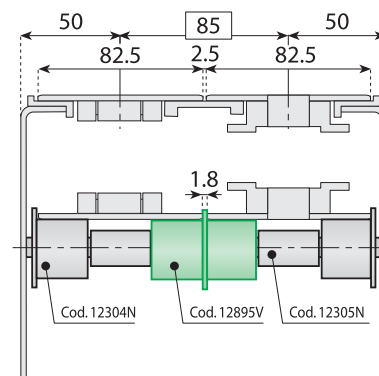
## ROLLER

| Code   | For rod Ø (mm) |       | Material |
|--------|----------------|-------|----------|
| 12303V | 12             | n°100 | Green    |
| 12303N | 12             |       | Black    |
| 12307V | 16             |       | Green    |
| 12307N | 16             |       | Black    |
| 12815V | 18             |       | Green    |
| 12815N | 18             |       | Black    |
| 12820V | 20             |       | Green    |
| 12820N | 20             |       | Black    |



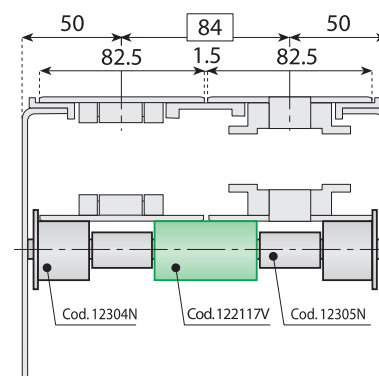
## ROLLER

| Code   | For rod Ø (mm) |       | Material |
|--------|----------------|-------|----------|
| 12895V | 12             | n°100 | Green    |
| 12895N | 12             |       | Black    |
| 12896V | 16             |       | Green    |
| 12896N | 16             |       | Black    |
| 12897V | 18             |       | Green    |
| 12897N | 18             |       | Black    |
| 12862V | 20             |       | Green    |
| 12862N | 20             |       | Black    |



## ROLLER

| Code    | For rod Ø (mm) |       | Material |
|---------|----------------|-------|----------|
| 122117V | 12             | n°100 | Green    |
| 122117N | 12             |       | Black    |
| 122118V | 16             |       | Green    |
| 122118N | 16             |       | Black    |
| 122119V | 18             |       | Green    |
| 122119N | 18             |       | Black    |
| 122120V | 20             |       | Green    |
| 122120N | 20             |       | Black    |



# CHAIN RETURN COMPONENTS

 Preferred type, readily available (codes marked in red)

**Ø 42**

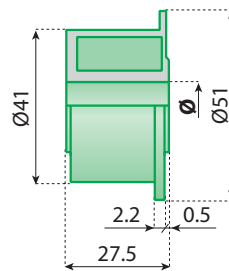
External diameter

**PE**  
HD

Polyethylene  
High Density  
Self-lubricating

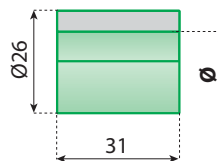
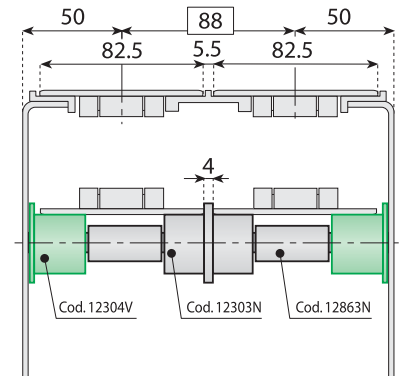
**PA**

Polyamide  
Self-lubricating



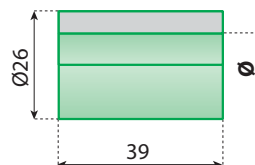
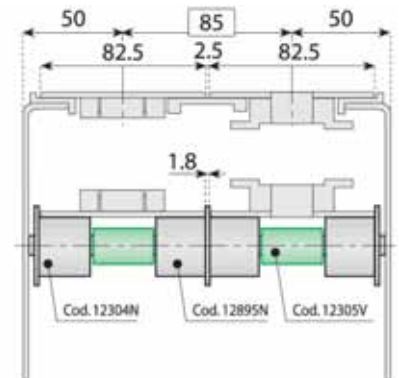
## ROLLER

| Code          | For rod Ø (mm) |       | Material |       |
|---------------|----------------|-------|----------|-------|
| <b>12304V</b> | 12             | n°100 | PE(HD)   | Green |
| <b>12304N</b> | 12             |       |          | Black |
| <b>12827V</b> | 16             |       |          | Green |
| <b>12827N</b> | 16             |       |          | Black |
| <b>12821V</b> | 18             |       |          | Green |
| <b>12821N</b> | 18             |       |          | Black |
| <b>12822V</b> | 20             |       |          | Green |
| <b>12822N</b> | 20             |       |          | Black |



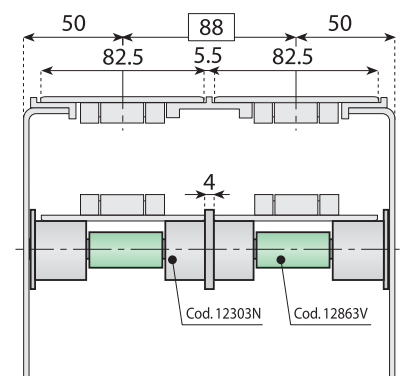
## SPACER

| Code          | For rod Ø (mm) |       | Material |       |
|---------------|----------------|-------|----------|-------|
| <b>12305V</b> | 12             | n°100 | PA       | Green |
| <b>12305N</b> | 12             |       |          | Black |
| <b>12828V</b> | 16             |       |          | Green |
| <b>12828N</b> | 16             |       |          | Black |
| <b>12823V</b> | 18             |       |          | Green |
| <b>12823N</b> | 18             |       |          | Black |
| <b>12824V</b> | 20             |       |          | Green |
| <b>12824N</b> | 20             |       |          | Black |



## SPACER

| Code          | For rod Ø (mm) |       | Material |       |
|---------------|----------------|-------|----------|-------|
| <b>12863V</b> | 12             | n°100 | PA       | Green |
| <b>12863N</b> | 12             |       |          | Black |
| <b>12864V</b> | 16             |       |          | Green |
| <b>12864N</b> | 16             |       |          | Black |
| <b>12860V</b> | 18             |       |          | Green |
| <b>12860N</b> | 18             |       |          | Black |
| <b>12861V</b> | 20             |       |          | Green |
| <b>12861N</b> | 20             |       |          | Black |



# CHAIN RETURN COMPONENTS

 Preferred type, readily available (codes marked in red)



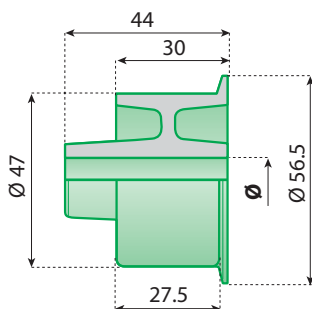
External diameter



External diameter

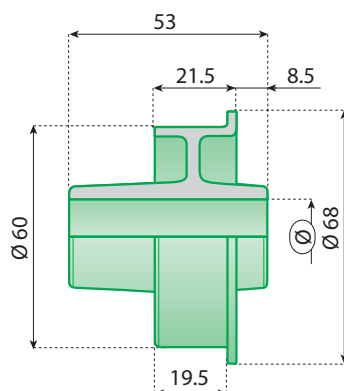
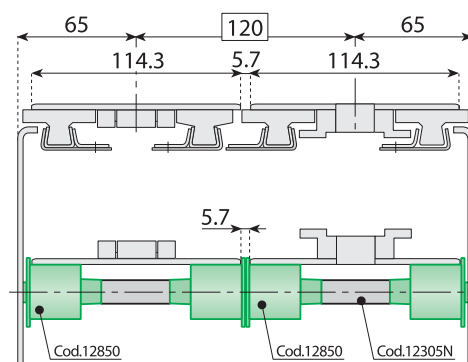


Polyethylene  
High Density  
Self-lubricating



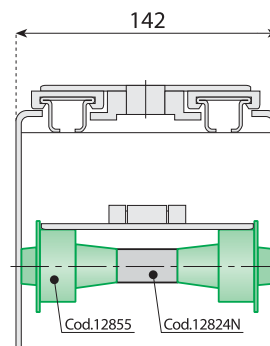
ROLLER

| Code         | For rod Ø (mm) | n°100 | Material | Color |
|--------------|----------------|-------|----------|-------|
| <b>12850</b> | 12             | n°100 | PE(HD)   | Green |



ROLLER

| Code          | For rod Ø (mm) | n°100 | Material | Color |
|---------------|----------------|-------|----------|-------|
| <b>122110</b> | 15             | n°100 | PE(HD)   | Green |
| <b>122109</b> | 16             |       |          |       |
| <b>122108</b> | 18             |       |          |       |
| <b>12855</b>  | 20             |       |          |       |



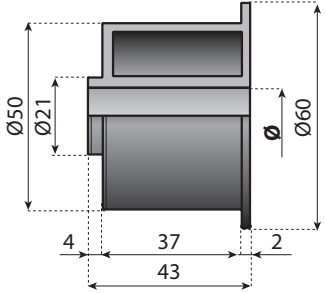
 Preferred type, readily available (codes marked in red)

**Ø 50**

External diameter

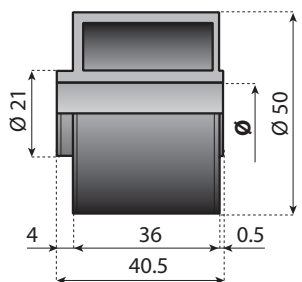
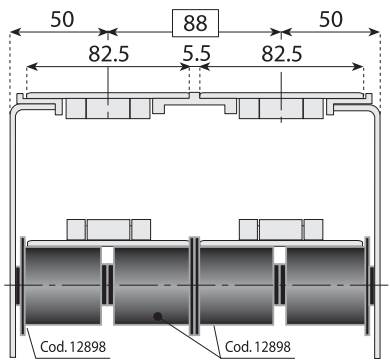
**PE HD**

Polyethylene  
High Density  
Self-lubricating



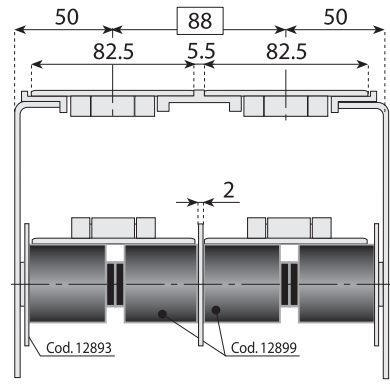
ROLLER

| Code         | For rod Ø (mm) | n°100 | Material |
|--------------|----------------|-------|----------|
| <b>12898</b> | 15             | n°100 |          |



ROLLER

| Code         | For rod Ø (mm) | n°100 | Material |
|--------------|----------------|-------|----------|
| <b>12899</b> | 15             | n°100 | PE(HD)   |



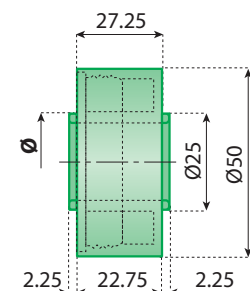
# CHAIN RETURN COMPONENTS

 Preferred type, readily available (codes marked in red)

## WATERTIGHT ROLLER

### Characteristics:

- Very low friction coefficient.
- No liquid absorption.
- Excellent wear and chemical resistance.
- Completely closed structure, easier to clean and disinfect.
- Watertight.



## WATERTIGHT ROLLER

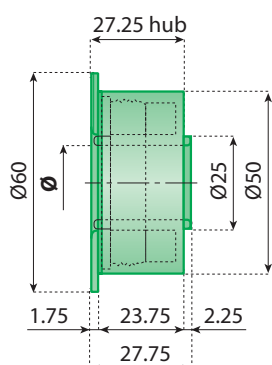
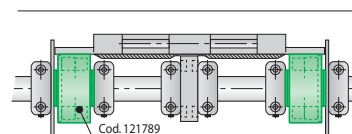
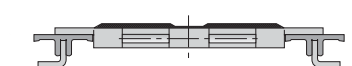
| Code   | For rod Ø (mm) |       | Material |       |
|--------|----------------|-------|----------|-------|
| 121959 | 15             | n°100 | PE(HD)   | Green |
| 121960 | 16             |       |          |       |
| 121789 | 18             |       |          |       |
| 121787 | 20             |       |          |       |

**PE**  
HD  
Polyethylene High Density  
Self-lubricating

**PP**  
Polyethylene  
UHMW

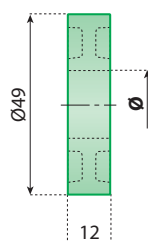
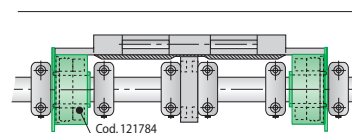
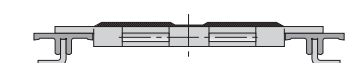
Ø  
50

External diameter



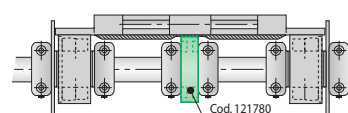
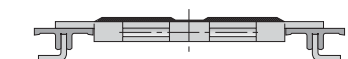
## WATERTIGHT ROLLER WITH SIDE BORDER

| Code    | For rod Ø (mm) |       | Material |       |
|---------|----------------|-------|----------|-------|
| 121959F | 15             | n°100 | PE(HD)   | Green |
| 121960F | 16             |       |          |       |
| 121784  | 18             |       |          |       |
| 121785  | 20             |       |          |       |



## ROLLER

| Code   | For rod Ø (mm) |       | Material |       |
|--------|----------------|-------|----------|-------|
| 121780 | 15             | n°100 | PP       | Green |
| 121781 | 16             |       |          |       |
| 121782 | 18             |       |          |       |
| 121783 | 20             |       |          |       |



 Preferred type, readily available (codes marked in red)

## WATERTIGHT ROLLER WITH RUBBER

### Characteristics:

- Reduced noise level with rubber
- Very low friction coefficient.
- No liquid absorption.
- Excellent wear and chemical resistance.
- Completely closed structure, easier to clean and disinfect.
- Watertight.



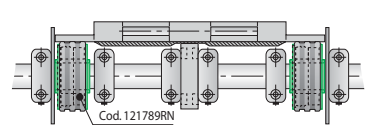
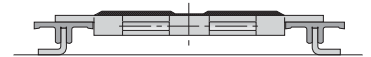
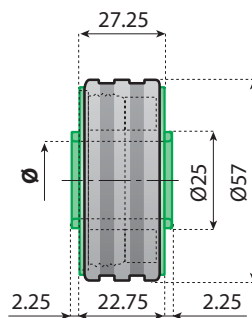
Polyethylene High Density  
Self-lubricating



Thermoplastic rubber

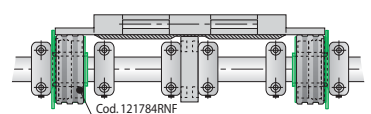
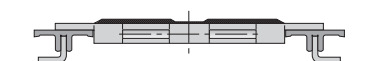
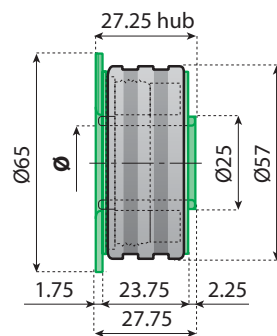


External diameter



## WATERTIGHT ROLLER WITH RUBBER

| Code     | For rod<br>Ø (mm) |       | Material |              |
|----------|-------------------|-------|----------|--------------|
| 121959RN | 15                | n°100 | PE(HD)   | Green Roller |
| 121960RN | 16                |       | TPR      | Grey Rubber  |
| 121789RN | 18                |       |          |              |
| 121787RN | 20                |       |          |              |



## WATERTIGHT ROLLER WITH SIDE BORDER AND RUBBER

| Code      | For rod<br>Ø (mm) |       | Material |              |
|-----------|-------------------|-------|----------|--------------|
| 121959RNF | 15                | n°100 | PE(HD)   | Green Roller |
| 121960RNF | 16                |       | TPR      | Grey Rubber  |
| 121784RNF | 18                |       |          |              |
| 121785RNF | 20                |       |          |              |

# CHAIN RETURN COMPONENTS

 Preferred type, readily available (codes marked in red)

## WATERTIGHT ROLLER

### Characteristics:

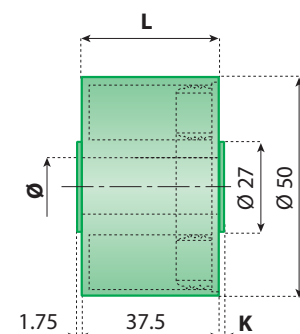
- Very low friction coefficient.
- No liquid absorption.
- Excellent wear and chemical resistance.
- Completely closed structure, easier to clean and disinfect.
- Watertight.



Polyethylene High Density  
Self-lubricating

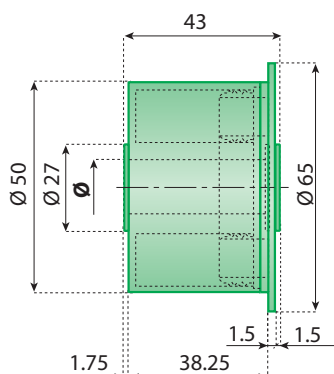
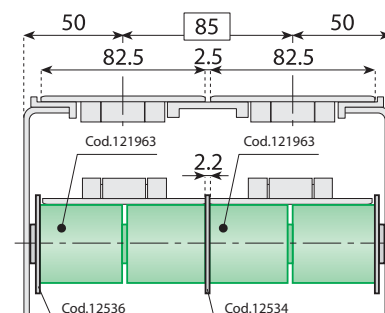


External diameter



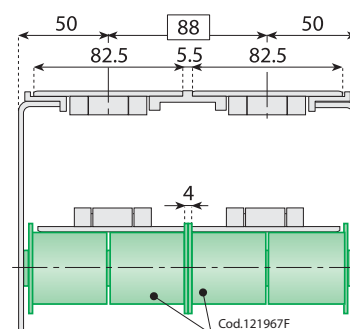
## WATERTIGHT ROLLER

| Code   | For rod Ø (mm) | L  | K    |       | Material |       |
|--------|----------------|----|------|-------|----------|-------|
| 121963 | 15             | 41 | 1.75 | n°100 | PE(HD)   | Green |
| 121967 | 15             | 43 | 3.75 |       |          |       |
| 121964 | 16             | 41 | 1.75 |       |          |       |
| 121968 | 16             | 43 | 3.75 |       |          |       |
| 121965 | 18             | 41 | 1.75 |       |          |       |
| 121969 | 18             | 43 | 3.75 |       |          |       |
| 121966 | 20             | 41 | 1.75 |       |          |       |
| 121970 | 20             | 43 | 3.75 |       |          |       |



## WATERTIGHT ROLLER WITH SIDE BORDER

| Code    | For rod Ø (mm) |       | Material |       |
|---------|----------------|-------|----------|-------|
| 121967F | 15             | n°100 | PE(HD)   | Green |
| 121968F | 16             |       |          |       |
| 121969F | 18             |       |          |       |
| 121970F | 20             |       |          |       |

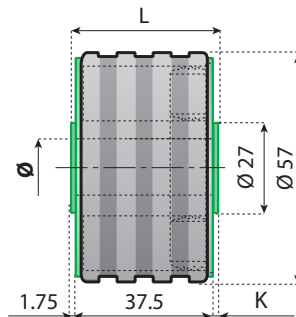


 Preferred type, readily available (codes marked in red)

## WATERTIGHT ROLLER WITH RUBBER

### Characteristics:

- Reduced noise level with rubber
- Very low friction coefficient.
- No liquid absorption.
- Excellent wear and chemical resistance.
- Completely closed structure, easier to clean and disinfect.
- Watertight.



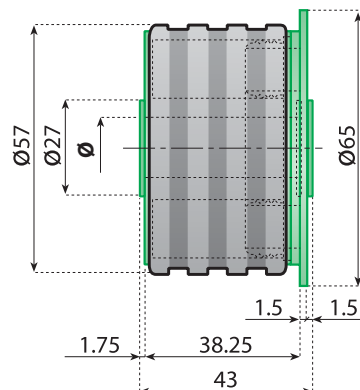
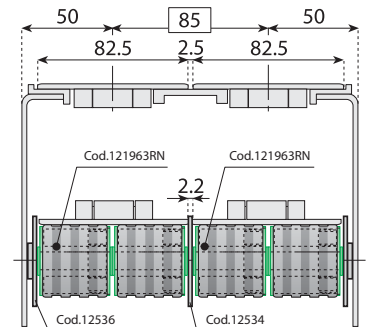
### WATERTIGHT ROLLER WITH RUBBER

| Code     | For rod Ø (mm) | L  | K    |       | Material |              |
|----------|----------------|----|------|-------|----------|--------------|
| 121963RN | 15             | 41 | 1.75 | n°100 | PE(HD)   | Green Roller |
| 121967RN | 15             | 43 | 3.75 |       | TPR      | Grey Rubber  |
| 121964RN | 16             | 41 | 1.75 |       |          |              |
| 121968RN | 16             | 43 | 3.75 |       |          |              |
| 121965RN | 18             | 41 | 1.75 |       |          |              |
| 121969RN | 18             | 43 | 3.75 |       |          |              |
| 121966RN | 20             | 41 | 1.75 |       |          |              |
| 121970RN | 20             | 43 | 3.75 |       |          |              |

**PE HD**  
Polyethylene High Density  
Self-lubricating

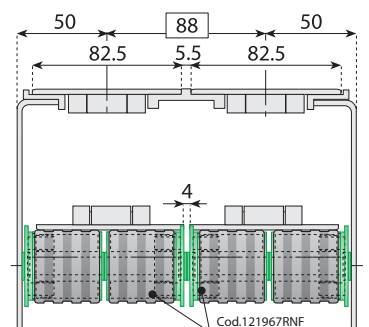
**TPR**  
Thermoplastic rubber

**Ø 57**  
External diameter



### WATERTIGHT ROLLER WITH SIDE BORDER AND RUBBER

| Code      | For rod Ø (mm) |       | Material |              |
|-----------|----------------|-------|----------|--------------|
| 121967RNF | 15             | n°100 | PE(HD)   | Green Roller |
| 121968RNF | 16             |       | TPR      | Grey Rubber  |
| 121969RNF | 18             |       |          |              |
| 121970RNF | 20             |       |          |              |



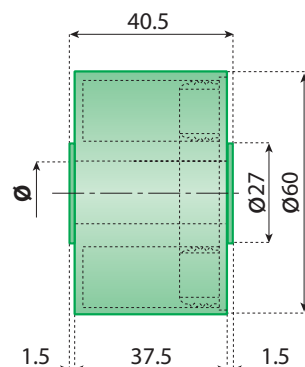
# CHAIN RETURN COMPONENTS

 Preferred type, readily available (codes marked in red)

## WATERTIGHT ROLLER

### Characteristics:

- Very low friction coefficient.
- No liquid absorption.
- Excellent wear and chemical resistance.
- Completely closed structure, easier to clean and disinfect.
- Watertight.



Polyethylene High Density  
Self-lubricating



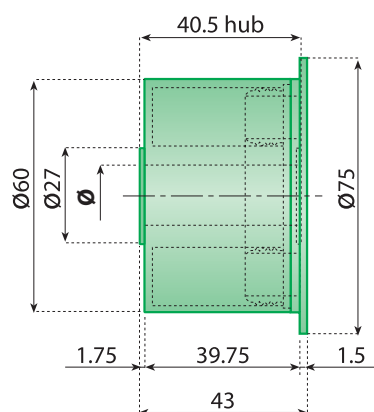
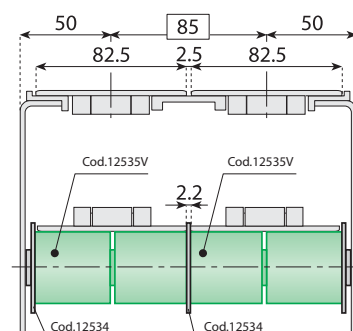
Thermoplastic rubber



External diameter

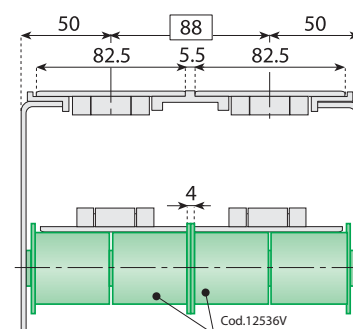
## WATERTIGHT ROLLER

| Code    | For rod<br>Ø (mm) |       | Material |
|---------|-------------------|-------|----------|
| 122113N | 15                | n°100 | Black    |
| 122113V | 15                |       | Green    |
| 122112N | 16                |       | Black    |
| 122112V | 16                |       | Green    |
| 122111N | 18                |       | Black    |
| 122111V | 18                |       | Green    |
| 12535N  | 20                |       | Black    |
| 12535V  | 20                |       | Green    |



## WATERTIGHT ROLLER WITH SIDE BORDER

| Code    | For rod<br>Ø (mm) |       | Material |
|---------|-------------------|-------|----------|
| 122116N | 15                | n°100 | Black    |
| 122116V | 15                |       | Green    |
| 122115N | 16                |       | Black    |
| 122115V | 16                |       | Green    |
| 122114N | 18                |       | Black    |
| 122114V | 18                |       | Green    |
| 12536N  | 20                |       | Black    |
| 12536V  | 20                |       | Green    |



 Preferred type, readily available (codes marked in red)

## WATERTIGHT ROLLER WITH RUBBER

### Characteristics:

- Reduced noise level with rubber
- Very low friction coefficient.
- No liquid absorption.
- Excellent wear and chemical resistance.
- Completely closed structure, easier to clean and disinfect.
- Watertight.



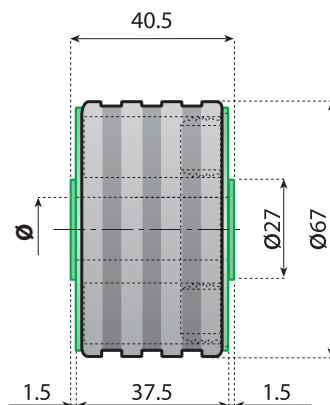
Polyethylene High Density  
Self-lubricating



Thermoplastic rubber

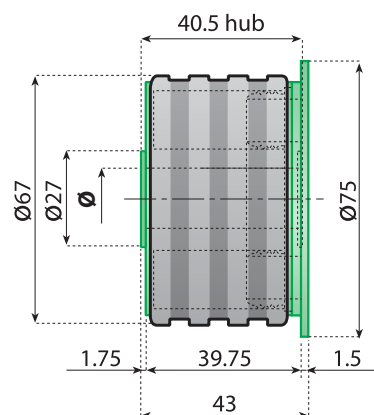
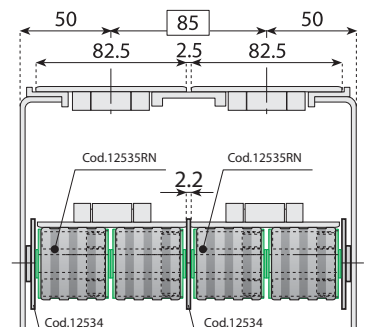


External diameter



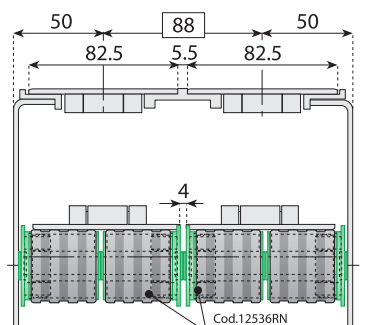
## WATERTIGHT ROLLER WITH RUBBER

| Code            | For rod Ø (mm) |       | Material |              |
|-----------------|----------------|-------|----------|--------------|
| <b>122113RN</b> | 15             |       |          |              |
| <b>122112RN</b> | 16             | n°100 | PE(HD)   | Green Roller |
| <b>122111RN</b> | 18             |       | TPR      | Grey Rubber  |
| <b>12535RN</b>  | 20             |       |          |              |



## WATERTIGHT ROLLER WITH SIDE BORDER AND RUBBER

| Code            | For rod Ø (mm) |       | Material |              |
|-----------------|----------------|-------|----------|--------------|
| <b>122116RN</b> | 15             |       |          |              |
| <b>122115RN</b> | 16             | n°100 | PE(HD)   | Green Roller |
| <b>122114RN</b> | 18             |       | TPR      | Grey Rubber  |
| <b>12536RN</b>  | 20             |       |          |              |



# CHAIN RETURN COMPONENTS

 Preferred type, readily available (codes marked in red)

## WATERTIGHT ROLLER

### Characteristics:

- Very low friction coefficient
- No liquid absorption
- Excellent wear and chemical resistance
- Completely closed structure, easier to clean and disinfect
- Watertight



Polyethylene  
High Density  
Self-lubricating



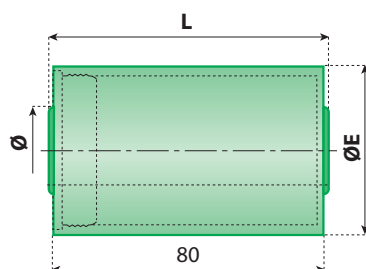
External  
diameter



External  
diameter

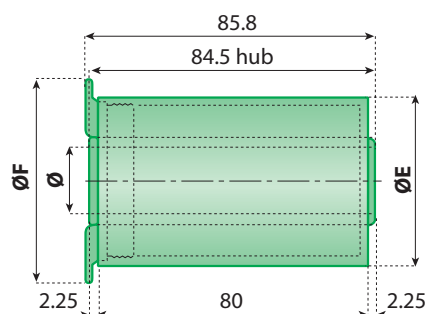
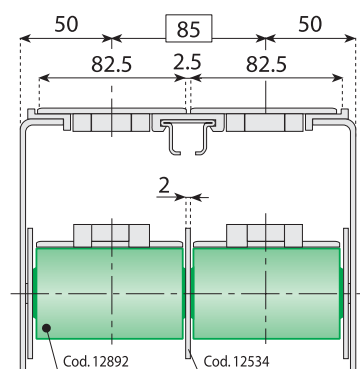


External  
diameter



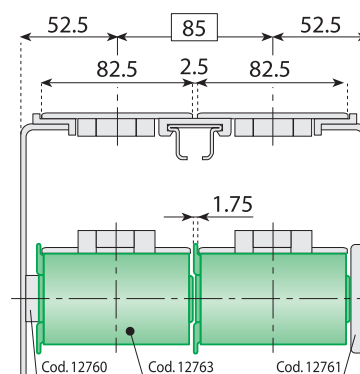
## WATERTIGHT ROLLER

| Code   | For rod Ø (mm) | L    | ØE |      | Material |       |
|--------|----------------|------|----|------|----------|-------|
| 121950 | 16             | 82.5 | 40 | n°50 | PE(HD)   | Green |
| 121953 |                | 84.5 | 40 |      |          |       |
| 121951 |                | 82.5 | 50 |      |          |       |
| 121954 |                | 84.5 | 50 |      |          |       |
| 121952 |                | 82.5 | 60 |      |          |       |
| 121955 |                | 84.5 | 60 |      |          |       |
| 121551 | 18             | 82.5 | 40 | n°50 | PE(HD)   | Green |
| 121547 |                | 84.5 | 40 |      |          |       |
| 12831  |                | 82.5 | 50 |      |          |       |
| 121595 |                | 84.5 | 50 |      |          |       |
| 12835  |                | 82.5 | 60 |      |          |       |
| 121548 |                | 84.5 | 60 |      |          |       |
| 121552 | 20             | 82.5 | 40 | n°50 | PE(HD)   | Green |
| 121549 |                | 84.5 | 40 |      |          |       |
| 12892  |                | 82.5 | 50 |      |          |       |
| 12762  |                | 84.5 | 50 |      |          |       |
| 12836  |                | 82.5 | 60 |      |          |       |
| 121550 |                | 84.5 | 60 |      |          |       |



## WATERTIGHT ROLLER WITH SIDE BORDER

| Code   | For rod Ø (mm) | ØE | ØF |      | Material |       |
|--------|----------------|----|----|------|----------|-------|
| 121956 | 16             | 40 | 55 | n°50 | PE(HD)   | Green |
| 121957 |                | 50 | 65 |      |          |       |
| 121958 |                | 60 | 75 |      |          |       |
| 121553 | 18             | 40 | 55 | n°50 | PE(HD)   | Green |
| 12833  |                | 50 | 65 |      |          |       |
| 12837  |                | 60 | 75 |      |          |       |
| 121554 | 20             | 40 | 55 | n°50 | PE(HD)   | Green |
| 12763  |                | 50 | 65 |      |          |       |
| 12838  |                | 60 | 75 |      |          |       |



 Preferred type, readily available (codes marked in red)

## WATERTIGHT ROLLER WITH RUBBER

### Characteristics:

- Reduced noise level
- Very low friction coefficient
- No liquid absorption
- Excellent wear and chemical resistance
- Completely closed structure, easier to clean and disinfect
- Watertight



Thermoplastic rubber



External diameter



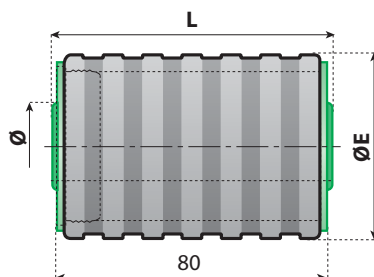
Polyethylene High Density Self-lubricating



External diameter

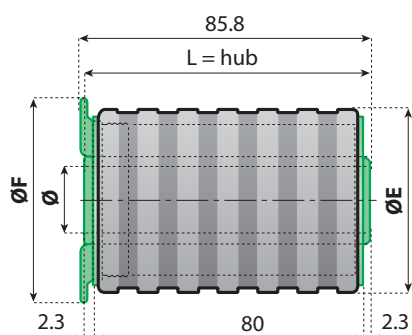
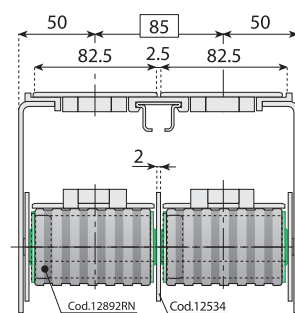


External diameter



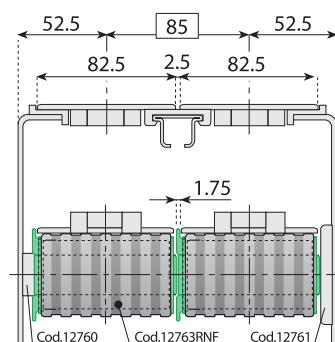
## WATERTIGHT ROLLER WITH RUBBER

| Code     | For rod Ø (mm) | L    | ØE |      | Material      |                             |
|----------|----------------|------|----|------|---------------|-----------------------------|
| 121950RN | 16             | 82.5 | 47 | n°50 | PE(HD)<br>TPR | Green Roller<br>Grey Rubber |
| 121953RN |                | 84.5 | 47 |      |               |                             |
| 121951RN |                | 82.5 | 57 |      |               |                             |
| 121954RN |                | 84.5 | 57 |      |               |                             |
| 121952RN |                | 82.5 | 67 |      |               |                             |
| 121955RN |                | 84.5 | 67 |      |               |                             |
| 121551RN | 18             | 82.5 | 47 | n°50 | PE(HD)<br>TPR | Green Roller<br>Grey Rubber |
| 121547RN |                | 84.5 | 47 |      |               |                             |
| 12831RN  |                | 82.5 | 57 |      |               |                             |
| 121595RN |                | 84.5 | 57 |      |               |                             |
| 12835RN  |                | 82.5 | 67 |      |               |                             |
| 121548RN |                | 84.5 | 67 |      |               |                             |
| 121552RN | 20             | 82.5 | 47 | n°50 | PE(HD)<br>TPR | Green Roller<br>Grey Rubber |
| 121549RN |                | 84.5 | 47 |      |               |                             |
| 12892RN  |                | 82.5 | 57 |      |               |                             |
| 12762RN  |                | 84.5 | 57 |      |               |                             |
| 12836RN  |                | 82.5 | 67 |      |               |                             |
| 121550RN |                | 84.5 | 67 |      |               |                             |



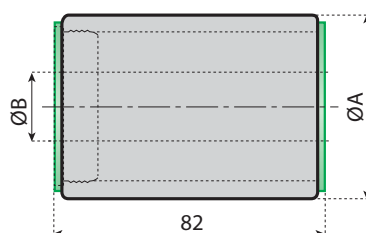
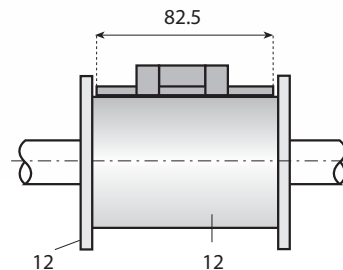
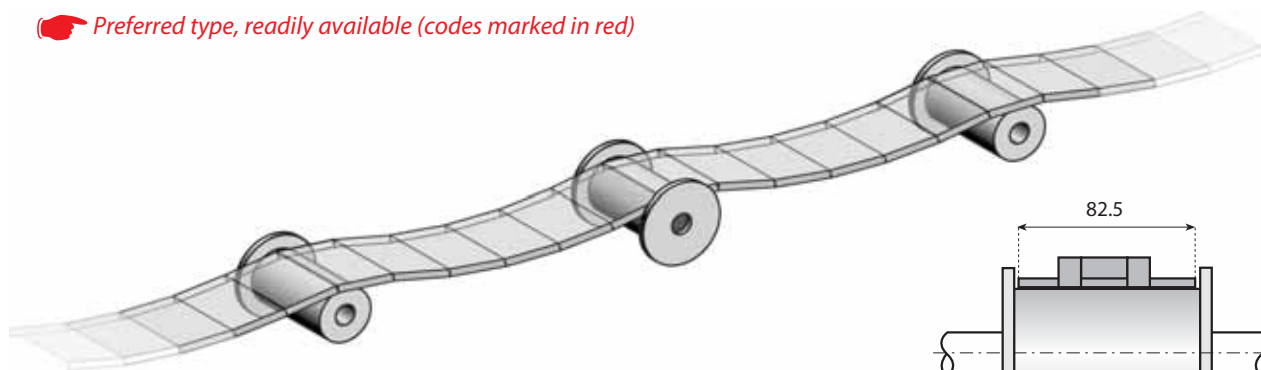
## WATERTIGHT ROLLER WITH SIDE BORDER AND RUBBER

| Code      | For rod Ø (mm) | ØE | ØF |      | Material      |                             |
|-----------|----------------|----|----|------|---------------|-----------------------------|
| 121956RNF | 16             | 47 | 55 | n°50 | PE(HD)<br>TPR | Green Roller<br>Grey Rubber |
| 121957RNF |                | 57 | 65 |      |               |                             |
| 121958RNF |                | 67 | 75 |      |               |                             |
| 121553RNF | 18             | 47 | 55 | n°50 | PE(HD)<br>TPR | Green Roller<br>Grey Rubber |
| 12833RNF  |                | 57 | 65 |      |               |                             |
| 12837RNF  |                | 67 | 75 |      |               |                             |
| 121554RNF | 20             | 47 | 55 | n°50 | PE(HD)<br>TPR | Green Roller<br>Grey Rubber |
| 12763RNF  |                | 57 | 65 |      |               |                             |
| 12838RNF  |                | 67 | 75 |      |               |                             |



# CHAIN RETURN COMPONENTS

 Preferred type, readily available (codes marked in red)



Polyethylene  
UHMW



Polyurethane



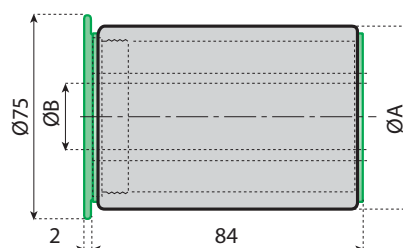
External  
diameter



External  
diameter

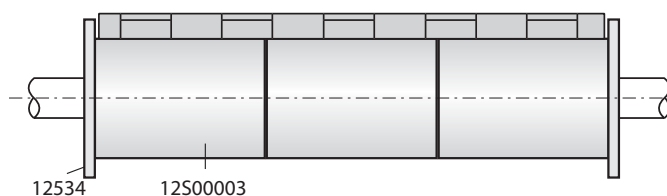
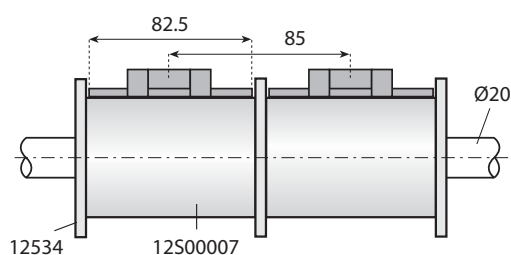
## RETURN ROLLER WITH URETHANE SURFACE

| Code            | Ref.            | ØA | ØB   |  | Material |  |
|-----------------|-----------------|----|------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>12S00001</b> | VG-R3U-185-50-G | 56 | 18.5 | n°10                                                                                  | PE       | Green                                                                                 |
| <b>12S00003</b> | VG-R3U-205-50-G | 56 | 20.5 |                                                                                       |          |                                                                                       |
| <b>12S00002</b> | VG-R3U-185-60-G | 66 | 18.5 |                                                                                       |          |                                                                                       |
| <b>12S00004</b> | VG-R3U-205-60-G | 66 | 20.5 |                                                                                       |          |                                                                                       |



## RETURN ROLLER WITH FLANGE AND URETHANE SURFACE

| Code            | Ref.             | ØA | ØB   |  | Material |  |
|-----------------|------------------|----|------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>12S00005</b> | VG-RF3U-185-50-G | 56 | 18.5 | n°10                                                                                  | PE       | Green                                                                                 |
| <b>12S00007</b> | VG-RF3U-205-50-G | 56 | 20.5 |                                                                                       |          |                                                                                       |
| <b>12S00006</b> | VG-RF3U-185-60-G | 66 | 18.5 |                                                                                       |          |                                                                                       |
| <b>12S00008</b> | VG-RF3U-205-60-G | 66 | 20.5 |                                                                                       |          |                                                                                       |



 Preferred type, readily available (codes marked in red)

## LOW NOISE ROLLER

### Characteristics:

- Reduced noise level.
- Very low friction coefficient.
- No liquid absorption.
- Excellent wear and chemical resistance.
- Completely closed structure, easier to clean and disinfect.
- Watertight.



External diameter

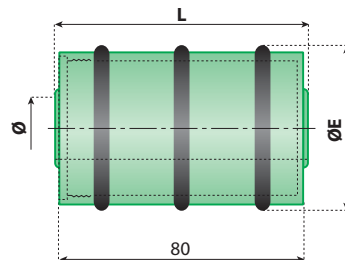


Polyethylene  
High Density  
Self-lubricating

External diameter

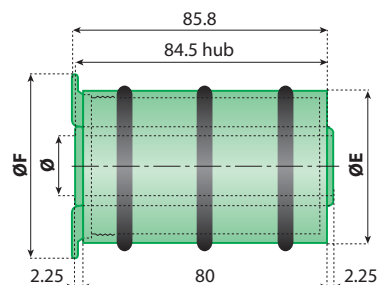
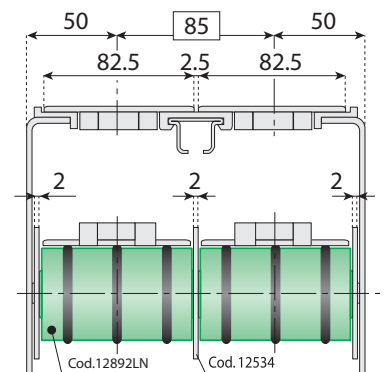


External diameter



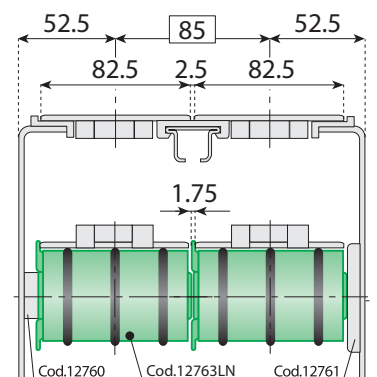
## LOW NOISE ROLLER

| Code     | For rod<br>Ø (mm) | L    | ØE |      | Material       |                              |
|----------|-------------------|------|----|------|----------------|------------------------------|
| 121950LN | 16                | 82.5 | 44 | n°50 | PE(HD)<br>EPDM | Green Roller<br>Black O-Ring |
| 121953LN |                   | 84.5 | 44 |      |                |                              |
| 121951LN |                   | 82.5 | 54 |      |                |                              |
| 121954LN |                   | 84.5 | 54 |      |                |                              |
| 121952LN |                   | 82.5 | 64 |      |                |                              |
| 121955LN | 18                | 84.5 | 64 | n°50 | PE(HD)<br>EPDM | Green Roller<br>Black O-Ring |
| 121551LN |                   | 82.5 | 44 |      |                |                              |
| 121547LN |                   | 84.5 | 44 |      |                |                              |
| 12831LN  |                   | 82.5 | 54 |      |                |                              |
| 121595LN |                   | 84.5 | 54 |      |                |                              |
| 12835LN  | 20                | 82.5 | 64 | n°50 | PE(HD)<br>EPDM | Green Roller<br>Black O-Ring |
| 121548LN |                   | 84.5 | 64 |      |                |                              |
| 121552LN |                   | 82.5 | 44 |      |                |                              |
| 121549LN |                   | 84.5 | 44 |      |                |                              |
| 12892LN  |                   | 82.5 | 54 |      |                |                              |
| 12762LN  | 20                | 84.5 | 54 | n°50 | PE(HD)<br>EPDM | Green Roller<br>Black O-Ring |
| 12836LN  |                   | 82.5 | 64 |      |                |                              |
| 121550LN |                   | 84.5 | 64 |      |                |                              |



## LOW NOISE ROLLER WITH SIDE BORDER

| Code     | For rod<br>Ø (mm) | ØE | ØF |      | Material       |                              |
|----------|-------------------|----|----|------|----------------|------------------------------|
| 121956LN | 16                | 44 | 55 | n°50 | PE(HD)<br>EPDM | Green Roller<br>Black O-Ring |
| 121957LN |                   | 54 | 65 |      |                |                              |
| 121958LN |                   | 64 | 75 |      |                |                              |
| 121553LN | 18                | 44 | 55 | n°50 | PE(HD)<br>EPDM | Green Roller<br>Black O-Ring |
| 12833LN  |                   | 54 | 65 |      |                |                              |
| 12837LN  |                   | 64 | 75 |      |                |                              |
| 121554LN | 20                | 44 | 55 | n°50 | PE(HD)<br>EPDM | Green Roller<br>Black O-Ring |
| 12763LN  |                   | 54 | 65 |      |                |                              |
| 12838LN  |                   | 64 | 75 |      |                |                              |



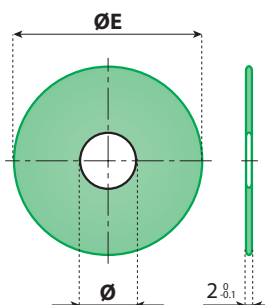
 Preferred type, readily available (codes marked in red)



## GUIDE FLANGE

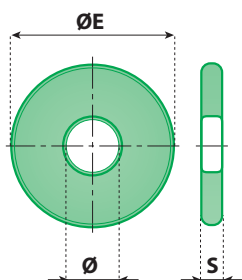
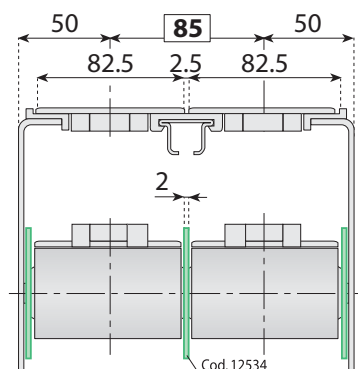
### Characteristics:

- Very low friction coefficient.
- No liquid absorption.
- Excellent wear and chemical resistance.



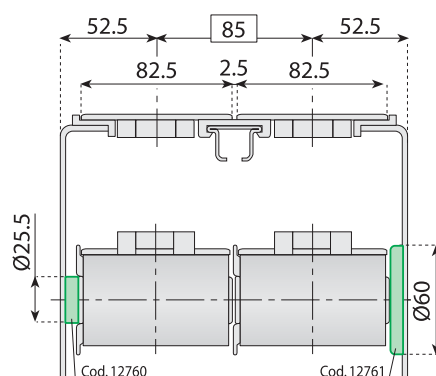
## GUIDE FLANGE

| Code  | For rod<br>Ø (mm) | ØE  |       | Material |       |
|-------|-------------------|-----|-------|----------|-------|
| 12919 | 14                | 50  | n°100 | PP       | Green |
| 12847 |                   | 60  |       |          |       |
| 12843 |                   | 70  |       |          |       |
| 12918 | 16                | 50  | n°100 | PP       | Green |
| 12846 |                   | 60  |       |          |       |
| 12842 |                   | 70  |       |          |       |
| 12849 | 18                | 50  | n°100 |          | Green |
| 12845 |                   | 60  |       |          |       |
| 12841 |                   | 70  |       |          |       |
| 12826 | 20                | 100 | n°100 | PP       | Green |
| 12848 |                   | 50  |       |          |       |
| 12844 |                   | 60  |       |          |       |
| 12534 |                   | 70  |       |          |       |
| 12894 |                   | 100 |       |          |       |



## GUIDE FLANGE

| Code  | For rod<br>Ø (mm) | ØE   | S    |       | Material |       |
|-------|-------------------|------|------|-------|----------|-------|
| 12797 | 15                | 90   | 5    | n°100 | PP       | Green |
| 12798 | 20                | 90   | 5    |       |          |       |
| 12760 | 20                | 25.5 | 7.25 |       |          |       |
| 12761 | 20                | 60   | 7.25 |       |          |       |



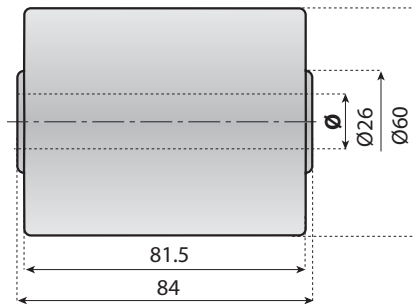
 Preferred type, readily available (codes marked in red)



Polyamide  
self-lubricating

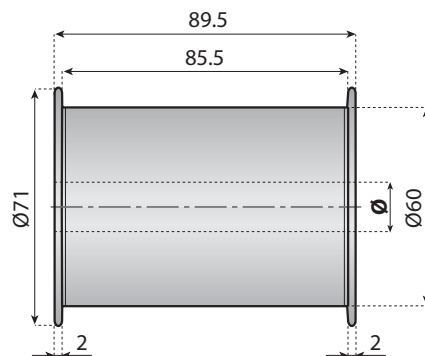
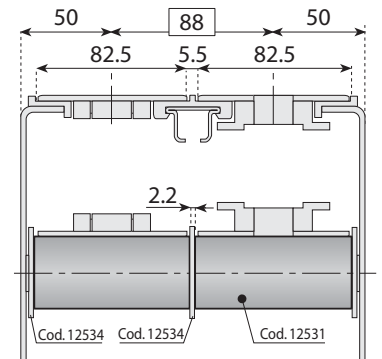


External  
diameter



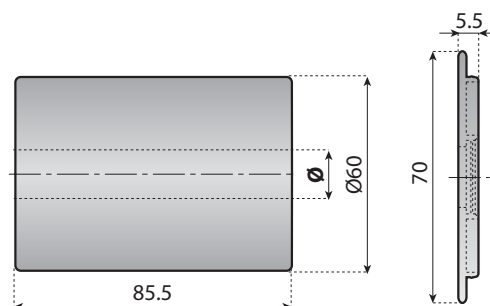
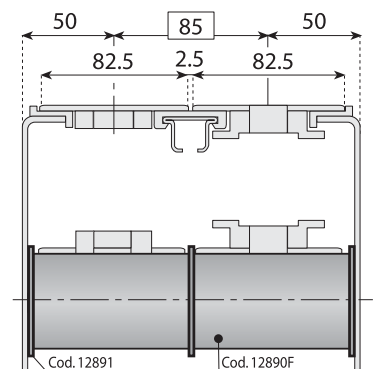
ROLLER

| Code         | For rod<br>Ø (mm) |      | Material |       |
|--------------|-------------------|------|----------|-------|
| <b>12531</b> | 14                |      |          |       |
| <b>12532</b> | 18                | n°50 | PA       | Black |
| <b>12533</b> | 20                |      |          |       |



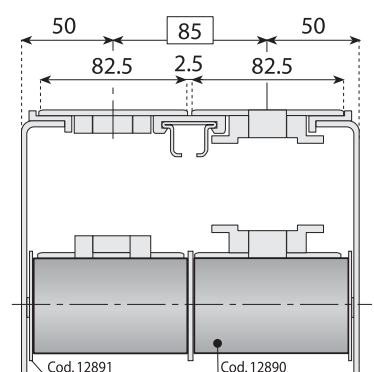
ROLLER

| Code          | For rod<br>Ø (mm) |      | Material |       |
|---------------|-------------------|------|----------|-------|
| <b>12839F</b> | 12                |      |          |       |
| <b>12890F</b> | 14                | n°50 | PA       | Black |
| <b>12840F</b> | 16                |      |          |       |



ROLLER

| Code         | For rod<br>Ø (mm) |      | Material |       |
|--------------|-------------------|------|----------|-------|
| <b>12839</b> | 12                | n°50 |          |       |
| <b>12890</b> | 14                | n°50 | PA       | Black |
| <b>12840</b> | 16                | n°50 |          |       |
| <b>12891</b> | Flange for roller |      | n°100    |       |



# CHAIN RETURN COMPONENTS SOLID ROLLER

 Preferred type, readily available (codes marked in red)

## WATERTIGHT ROLLER

### Characteristics:

- Very low friction coefficient.
- No liquid absorption.
- Excellent wear and chemical resistance.
- Completely closed structure.
- Watertight.



Polypropylene



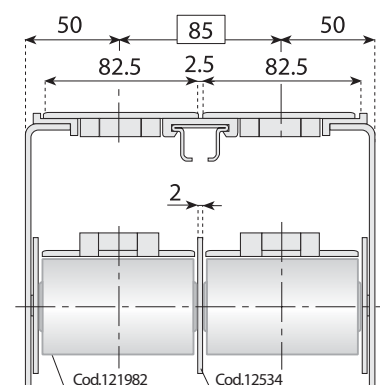
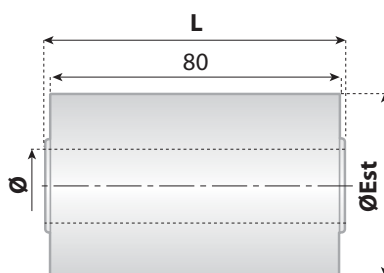
External diameter



External diameter



External diameter



## WATERTIGHT ROLLER

| Code   | For rod Ø (mm) | Ø Est | L    |      | Material |       |
|--------|----------------|-------|------|------|----------|-------|
| 121971 | 15             | 40    | 82.5 | n°50 | PP       | Black |
| 121972 |                | 40    | 84.5 |      |          |       |
| 121973 |                | 50    | 82.5 |      |          |       |
| 121974 |                | 50    | 84.5 |      |          |       |
| 121975 |                | 60    | 82.5 |      |          |       |
| 121976 |                | 60    | 84.5 |      |          |       |
| 121977 | 16             | 40    | 82.5 | n°50 | PP       | Black |
| 121978 |                | 40    | 84.5 |      |          |       |
| 121979 |                | 50    | 82.5 |      |          |       |
| 121980 |                | 50    | 84.5 |      |          |       |
| 121981 |                | 60    | 82.5 |      |          |       |
| 121982 |                | 60    | 84.5 |      |          |       |
| 121983 | 18             | 40    | 82.5 | n°50 | PP       | Black |
| 121984 |                | 40    | 84.5 |      |          |       |
| 121985 |                | 50    | 82.5 |      |          |       |
| 121986 |                | 50    | 84.5 |      |          |       |
| 121987 |                | 60    | 82.5 |      |          |       |
| 121988 |                | 60    | 84.5 |      |          |       |
| 121989 | 20             | 40    | 82.5 | n°50 | PP       | Black |
| 121990 |                | 40    | 84.5 |      |          |       |
| 121991 |                | 50    | 82.5 |      |          |       |
| 121992 |                | 50    | 84.5 |      |          |       |
| 121993 |                | 60    | 82.5 |      |          |       |
| 121994 |                | 60    | 84.5 |      |          |       |

Chemical resistant roller

# CHAIN RETURN COMPONENTS SOLID ROLLER WITH RUBBER

 Preferred type, readily available (codes marked in red)

## WATERTIGHT ROLLER WITH RUBBER

### Characteristics:

- Reduced noise level.
- Very low friction coefficient.
- No liquid absorption.
- Excellent wear and chemical resistance.
- Completely closed structure.
- Watertight.



Polypropylene



External diameter



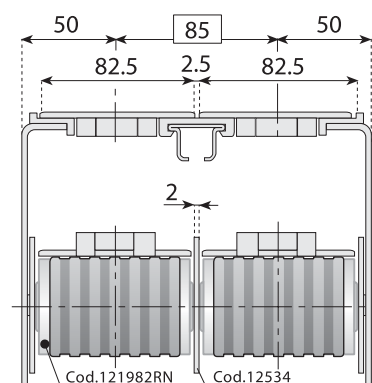
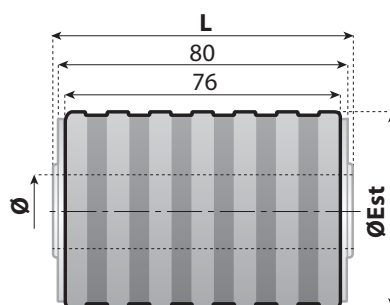
Thermoplastic rubber



External diameter



External diameter



## WATERTIGHT ROLLER WITH RUBBER

| Code     | For rod Ø (mm) | Ø Est | L    |      | Material  |                             |
|----------|----------------|-------|------|------|-----------|-----------------------------|
| 121971RN | 15             | 47    | 82.5 | n°50 | PP<br>TPR | Black Roller<br>Grey Rubber |
| 121972RN |                | 47    | 84.5 |      |           |                             |
| 121973RN |                | 57    | 82.5 |      |           |                             |
| 121974RN |                | 57    | 84.5 |      |           |                             |
| 121975RN |                | 67    | 82.5 |      |           |                             |
| 121976RN | 16             | 67    | 84.5 | n°50 | PP<br>TPR | Black Roller<br>Grey Rubber |
| 121977RN |                | 47    | 82.5 |      |           |                             |
| 121978RN |                | 47    | 84.5 |      |           |                             |
| 121979RN |                | 57    | 82.5 |      |           |                             |
| 121980RN |                | 57    | 84.5 |      |           |                             |
| 121981RN | 18             | 67    | 82.5 | n°50 | PP<br>TPR | Black Roller<br>Grey Rubber |
| 121982RN |                | 67    | 84.5 |      |           |                             |
| 121983RN |                | 47    | 82.5 |      |           |                             |
| 121984RN |                | 47    | 84.5 |      |           |                             |
| 121985RN |                | 57    | 82.5 |      |           |                             |
| 121986RN | 20             | 57    | 84.5 | n°50 | PP<br>TPR | Black Roller<br>Grey Rubber |
| 121987RN |                | 67    | 82.5 |      |           |                             |
| 121988RN |                | 67    | 84.5 |      |           |                             |
| 121989RN |                | 47    | 82.5 |      |           |                             |
| 121990RN |                | 47    | 84.5 |      |           |                             |
| 121991RN |                | 57    | 82.5 | n°50 | PP<br>TPR | Black Roller<br>Grey Rubber |
| 121992RN |                | 57    | 84.5 |      |           |                             |
| 121993RN |                | 67    | 82.5 |      |           |                             |
| 121994RN |                | 67    | 84.5 |      |           |                             |

# CHAIN RETURN COMPONENTS

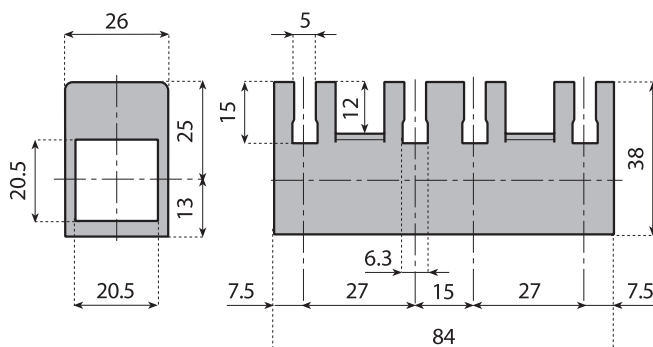
 Preferred type, readily available (codes marked in red)



Polyamide

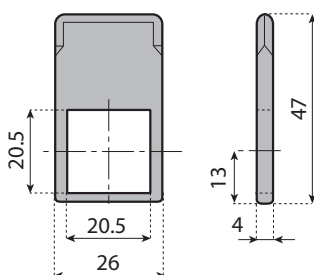
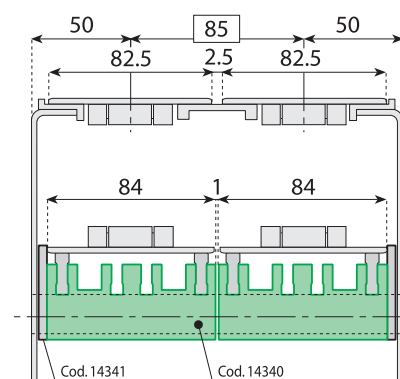


Accessories



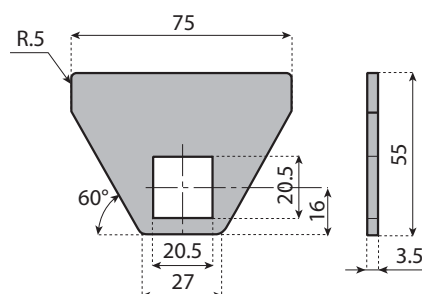
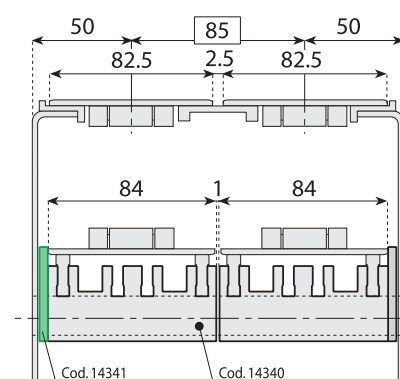
**SPACER  
FOR SERPENTINE**

| Code         | For square shaft |  |  |  |
|--------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>14340</b> | 20 x 20          | n°100                                                                             | PA                                                                                | Black                                                                              |



**LITTLE WASHER**

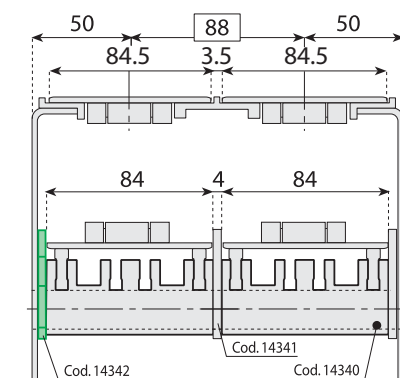
| Code         | For square shaft |  |  |  |
|--------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>14341</b> | 20 x 20          | n°100                                                                               | PA                                                                                  | Black                                                                                |



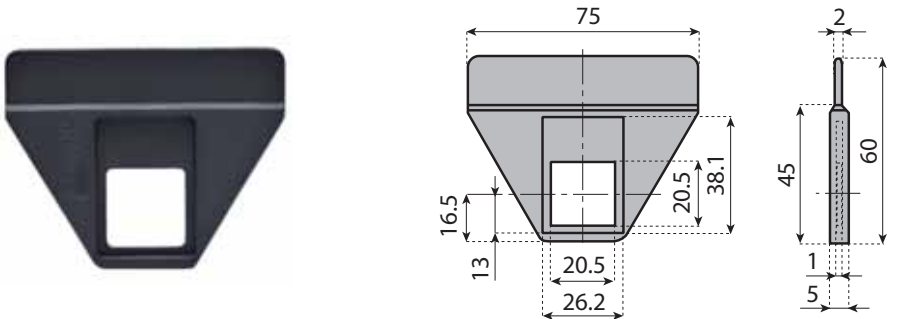
**BIG WASHER**

| Code         | For square shaft |  |  |  |
|--------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>14342</b> | 20 x 20          | n°100                                                                               | PA                                                                                  | Black                                                                                |

**Use:** 88 mm pitch.



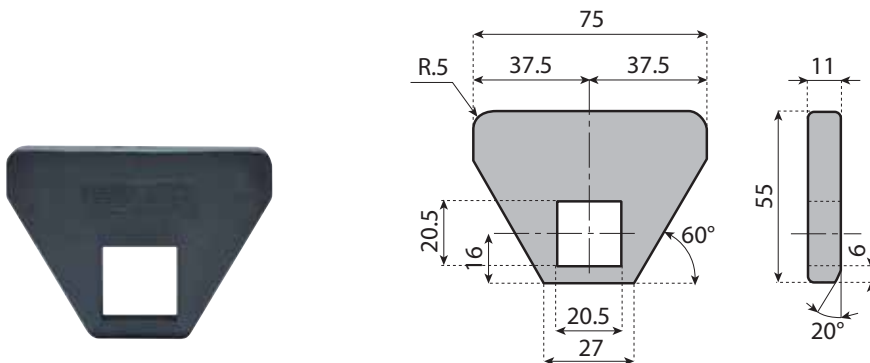
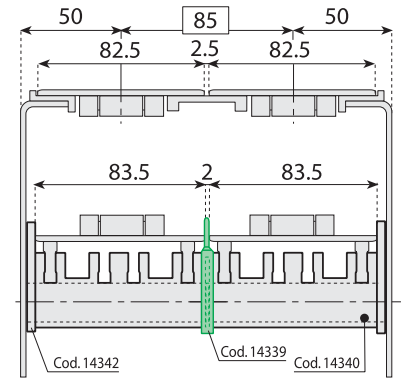
 Preferred type, readily available (codes marked in red)



**BIG WASHER**

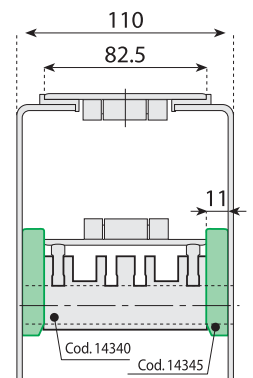
| Code         | For square shaft |       |    |       |
|--------------|------------------|-------|----|-------|
| <b>14339</b> | 20 x 20          | n°100 | PA | Black |

**Use:** 85 mm pitch.



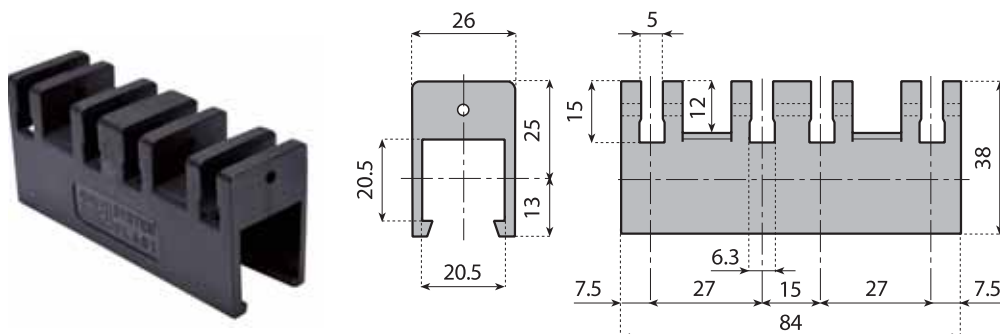
**EXTRA WASHER**

| Code         | For square shaft |       |    |       |
|--------------|------------------|-------|----|-------|
| <b>14345</b> | 20 x 20          | n°100 | PA | Black |



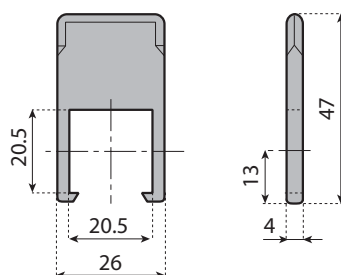
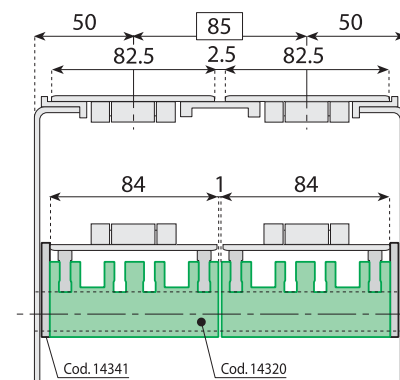
# CHAIN RETURN COMPONENTS

 Preferred type, readily available (codes marked in red)



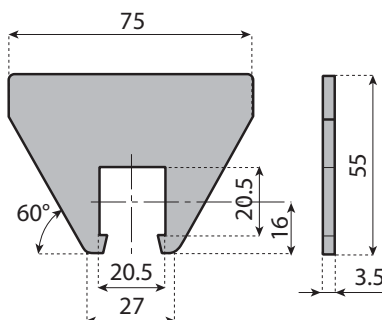
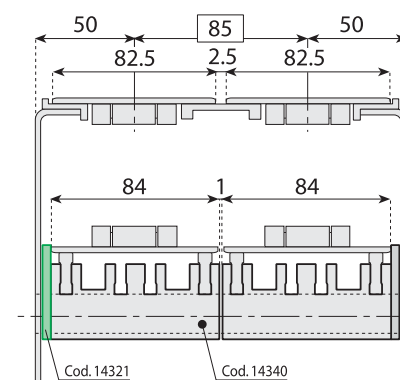
**SPACER**  
FOR SERPENTINE  
Snap-on assembly

| Code         | For square shaft |  |  |  |
|--------------|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>14320</b> | 20 x 20          | n°100                                                                             | PA                                                                                | Black                                                                             |



**LITTLE WASHER**  
Snap-on assembly

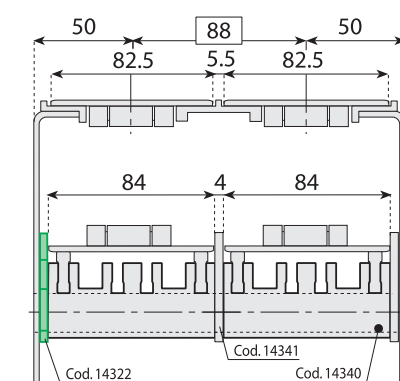
| Code         | For square shaft |  |  |  |
|--------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>14321</b> | 20 x 20          | n°100                                                                               | PA                                                                                  | Black                                                                               |



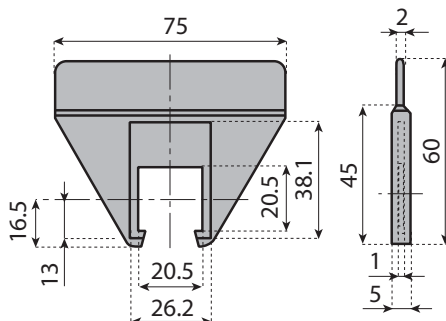
**BIG WASHER**  
Snap-on assembly

| Code         | For square shaft |  |  |  |
|--------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>14322</b> | 20 x 20          | n°100                                                                               | PA                                                                                  | Black                                                                               |

**Use:** 88 mm pitch.



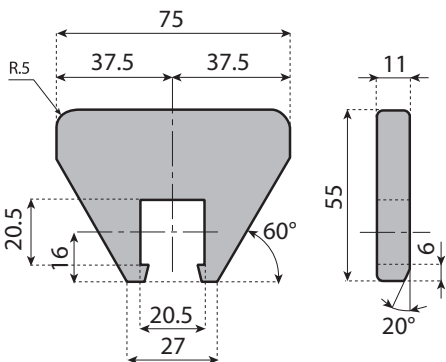
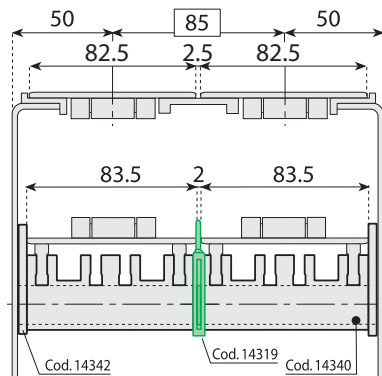
 Preferred type, readily available (codes marked in red)



**BIG WASHER**  
Snap-on assembly

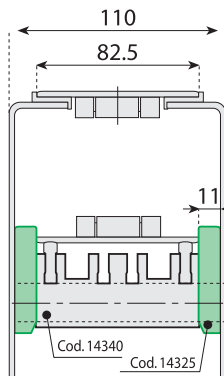
| Code         | For square shaft |       | Material |       |
|--------------|------------------|-------|----------|-------|
| <b>14319</b> | 20 x 20          | n°100 | PA       | Black |

Use: 85 mm pitch.



**EXTRA WASHER**  
Snap-on assembly

| Code         | For square shaft |       | Material |       |
|--------------|------------------|-------|----------|-------|
| <b>14325</b> | 20 x 20          | n°100 | PA       | Black |



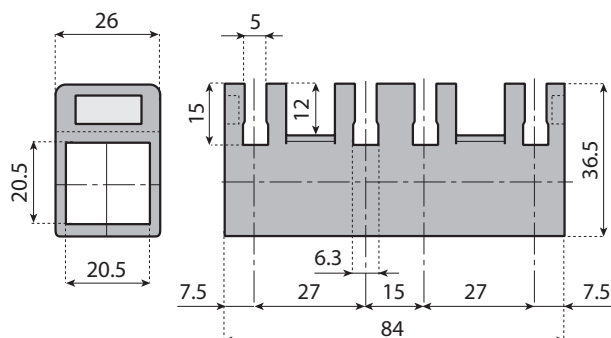
# CHAIN RETURN COMPONENTS



Polyamide



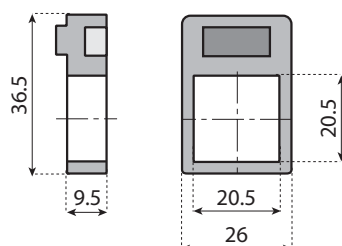
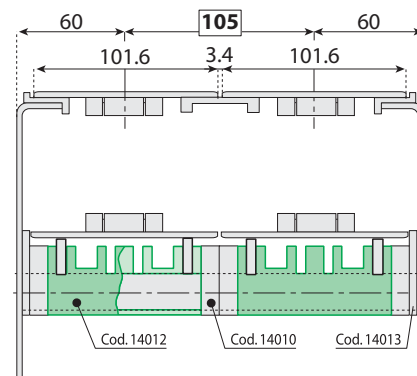
Accessories



## SPACER FOR SERPENTINE

| Code  | For square shaft |       | Material |       |
|-------|------------------|-------|----------|-------|
| 14012 | 20 x 20          | n°100 | PA       | Black |

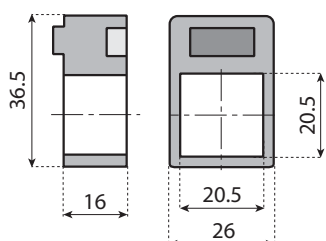
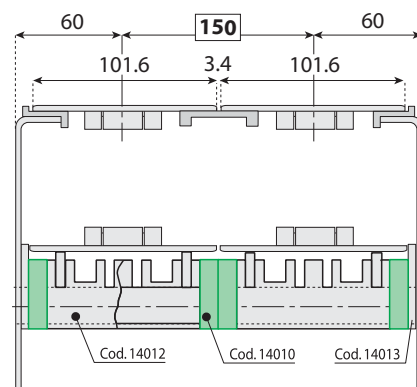
Use: in combination with codes 14010 - 14011 - 14013 - 14014.



## WASHER

| Code  | For square shaft |       | Material |       |
|-------|------------------|-------|----------|-------|
| 14010 | 20 x 20          | n°100 | PA       | Black |

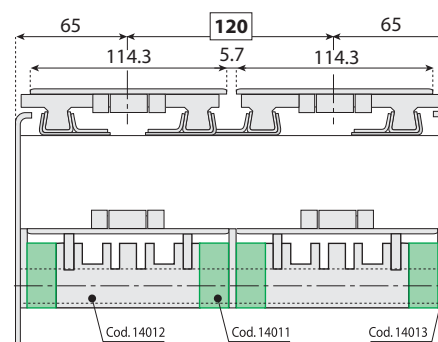
Use: chain return width K 400 (101,6 mm).



## BIG WASHER

| Code  | For square shaft |       | Material |       |
|-------|------------------|-------|----------|-------|
| 14011 | 20 x 20          | n°100 | PA       | Black |

Use: chain return width K450 (114,3 mm).

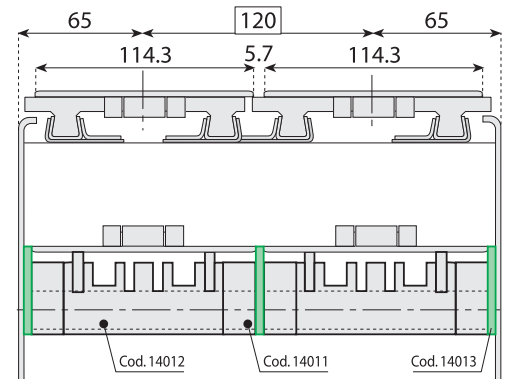
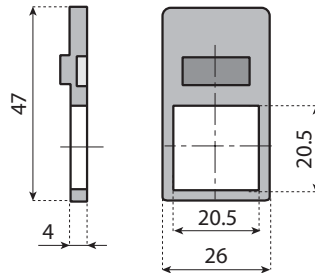




Polyamide

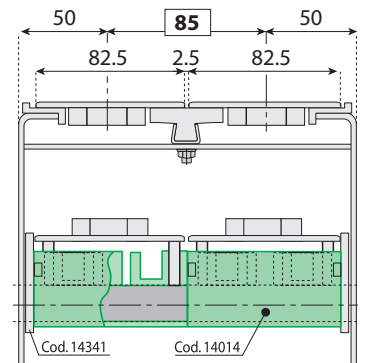
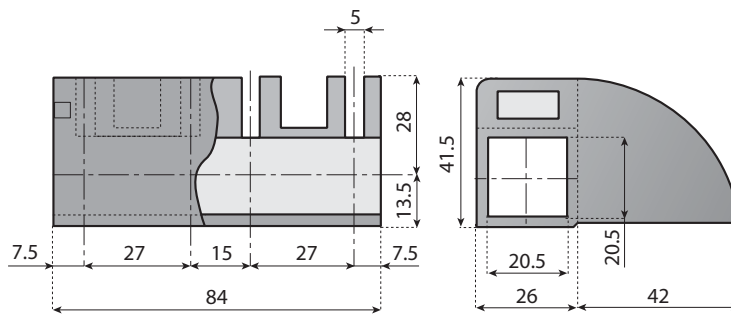


Polyethylene  
UHMW



## SIDE SPACER

| Code         | For square shaft |       | Material |       |
|--------------|------------------|-------|----------|-------|
| <b>14013</b> | 20 x 20          | n°100 | PA       | Black |



## SLIDING SHOE

| Code         | For square shaft |       | Material |       |
|--------------|------------------|-------|----------|-------|
| <b>14014</b> | 20 x 20          | n°100 | PE       | Black |

**Notes:** this part can be installed with codes 14010 - 14011 - 14012 - 14013.

# CHAIN RETURN COMPONENTS

 Preferred type, readily available (codes marked in red)



The new design is reliable, economic and easily installed. It reduces the installation time, assures a uniform alignment, a smooth level surface, increases chain life by reducing wear and chain pulsation.

**Notes:** use with rod Ø 20 mm.

**Features:** use with steel or plastic chains and with modular belts.

No length limitations.

Rapid installation.

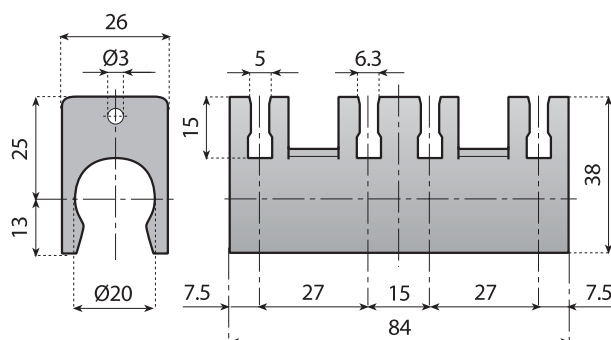
No maintenance required.



Polyamide



Accessories



**SPACER FOR SERPENTINE**  
Snap-on assembly

Code

**14349**



20



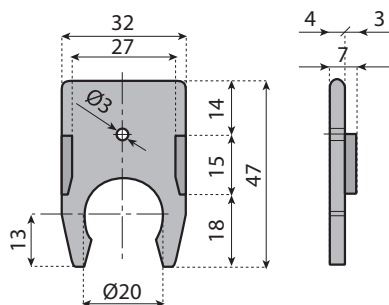
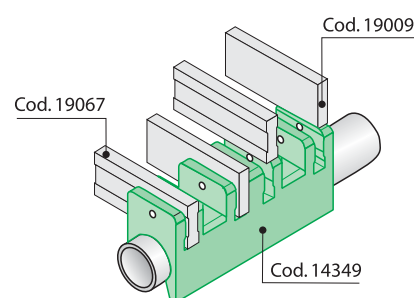
n°100



PA  
(Reinforced)



Black



**SIDE SPACER**  
Snap-on assembly

Code

**14351**



20



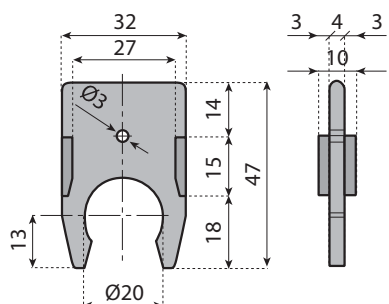
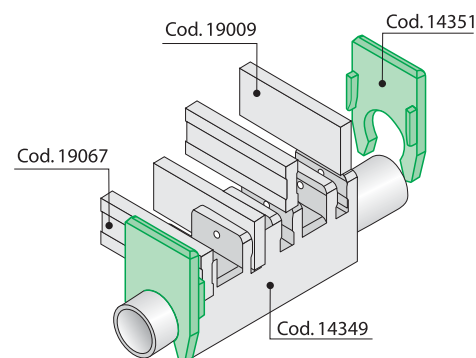
n°100



PA



Black



**MIDDLE SPACER**  
Snap-on assembly

Code

**14350**



20



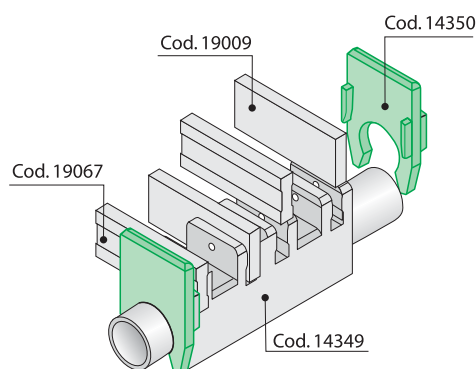
n°100



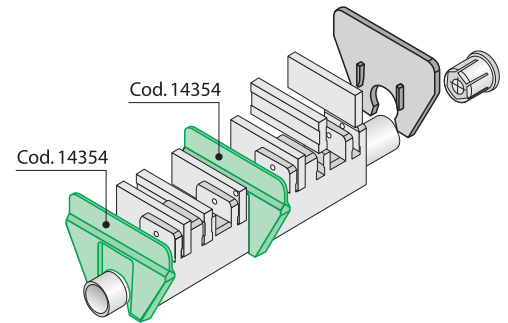
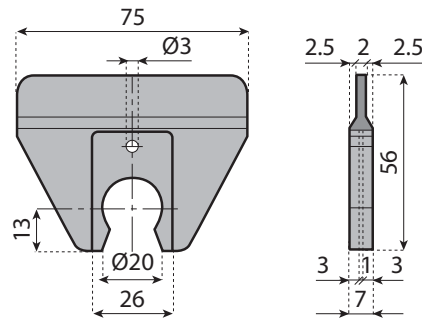
PA



Black



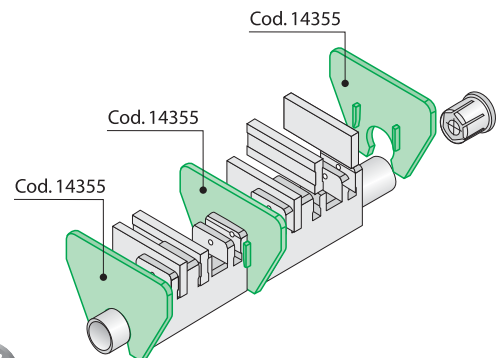
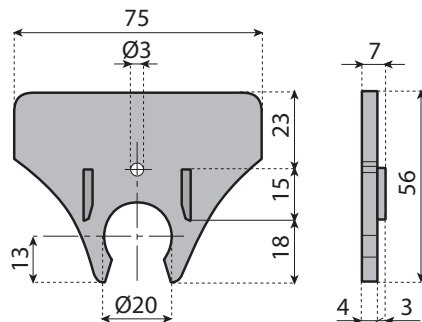
 Preferred type, readily available (codes marked in red)



**MIDDLE SPACER** Pitch 85 mm  
Snap-on assembly

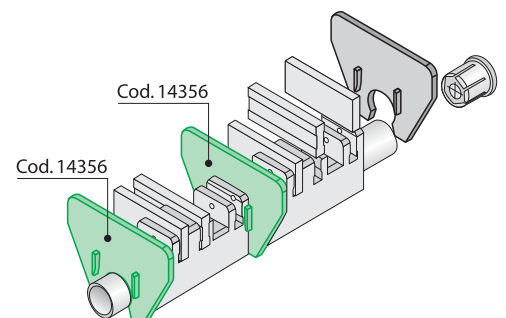
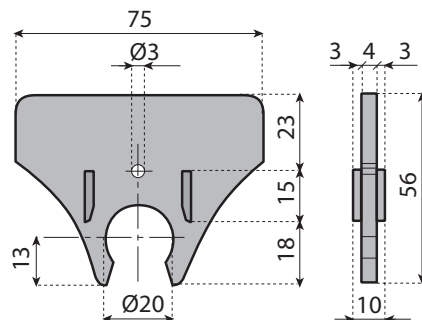
| Code         | For rod Ø (mm) | n°100 | Material |       |
|--------------|----------------|-------|----------|-------|
| <b>14354</b> | 20             | n°100 | PA       | Black |

Use: in connection with code 14349.



**SIDE SPACER** Pitch 88 mm  
Snap-on assembly

| Code         | For rod Ø (mm) | n°100 | Material |       |
|--------------|----------------|-------|----------|-------|
| <b>14355</b> | 20             | n°100 | PA       | Black |

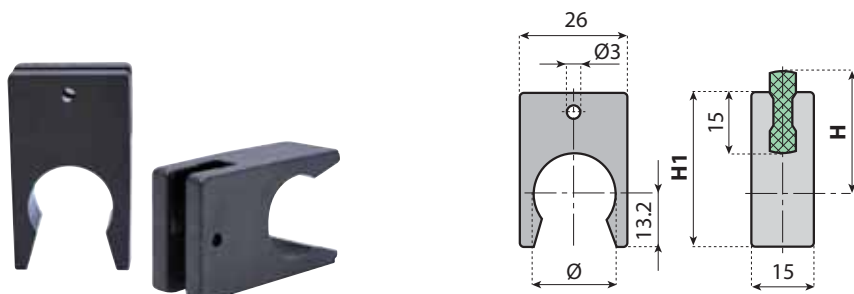


**MIDDLE SPACER** Pitch 88 mm  
Snap-on assembly

| Code         | For rod Ø (mm) | n°100 | Material |       |
|--------------|----------------|-------|----------|-------|
| <b>14356</b> | 20             | n°100 | PA       | Black |

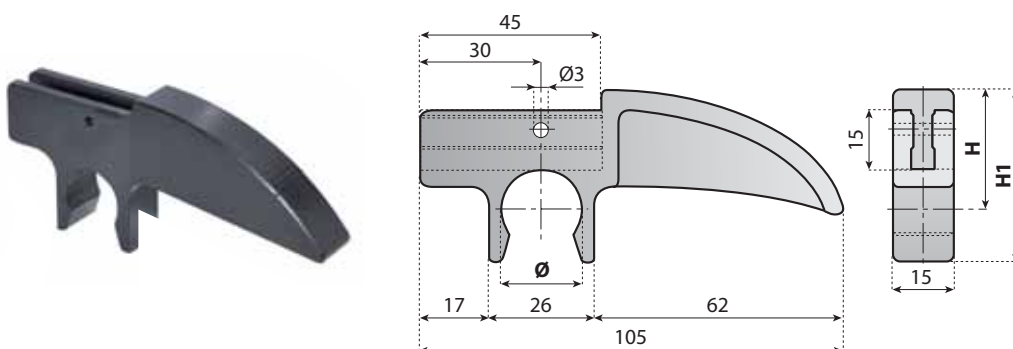
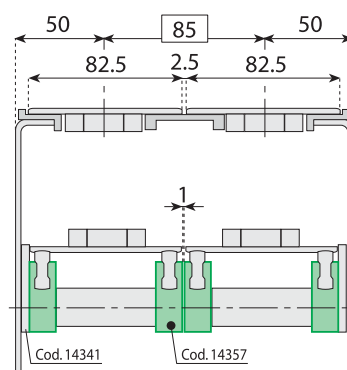
# CHAIN RETURN COMPONENTS

 Preferred type, readily available (codes marked in red)



**SINGLE SPACER**  
Snap-on assembly

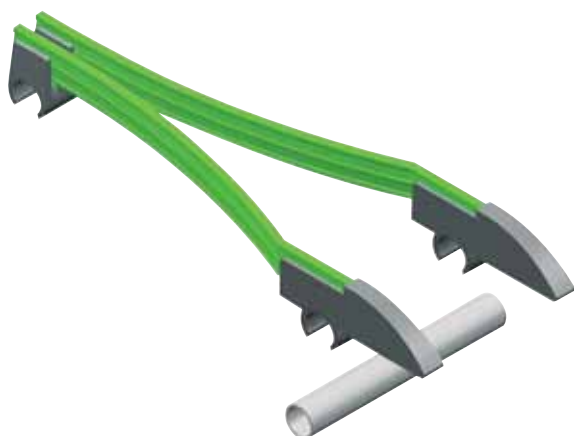
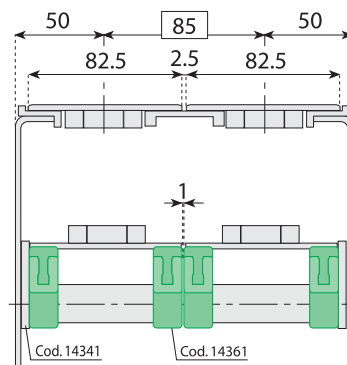
| Code         | For rod<br>Ø (mm) | H  | H1   |       | Material |       |
|--------------|-------------------|----|------|-------|----------|-------|
| <b>14357</b> | 18                | 34 | 42.5 | n°100 | PA       | Black |
| <b>14358</b> | 20                | 30 | 38   |       |          |       |



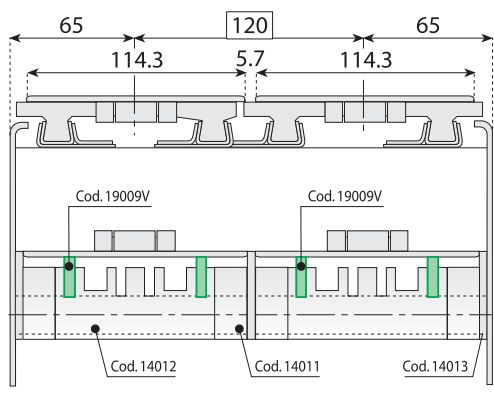
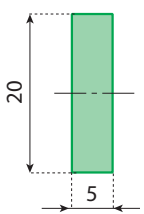
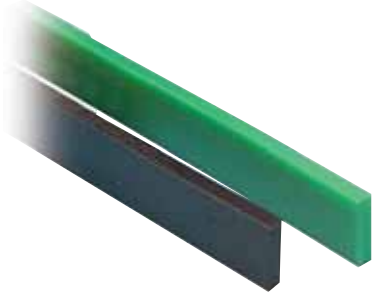
**SHOE WEAR STRIP**  
Snap-on assembly

| Code         | For rod<br>Ø (mm) | H  | H1   |      | Material |       |
|--------------|-------------------|----|------|------|----------|-------|
| <b>14361</b> | 18                | 34 | 42.5 | n°50 | PE       | Black |
| <b>14362</b> | 20                | 30 | 38   |      |          |       |

**Use:** wear strip code 19067N - 19067V.



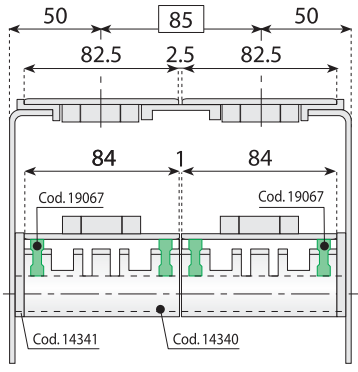
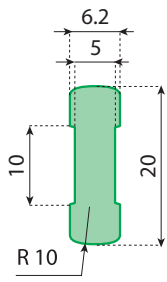
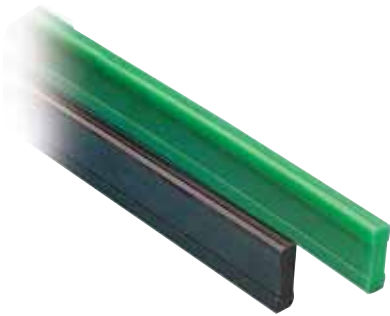
 Preferred type, readily available (codes marked in red)



WEAR STRIP

| Code          |      |      | Material |             |
|---------------|------|------|----------|-------------|
| <b>19009N</b> | 60 m | 60 m | PE       | Black Green |
| <b>19009V</b> |      |      |          |             |

Use: spacers code 14340 - 14012 - 14349.



WEAR STRIP

| Code          |      |      | Material |             |
|---------------|------|------|----------|-------------|
| <b>19067N</b> | 60 m | 60 m | PE       | Black Green |
| <b>19067V</b> |      |      |          |             |

Use: spacers code 14340 - 14349.

# CHAIN RETURN COMPONENTS

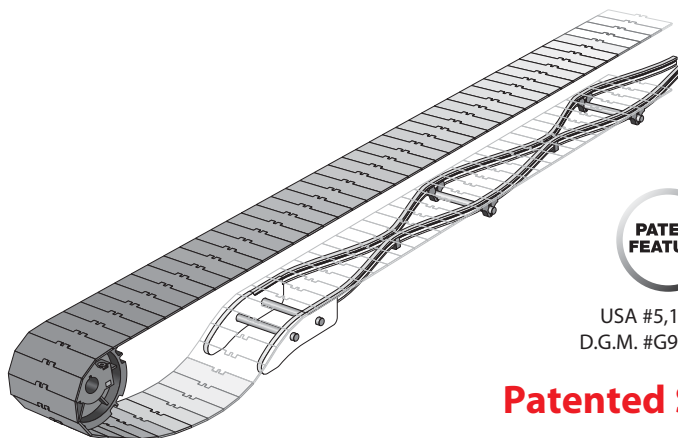
 Preferred type, readily available (codes marked in red)

## SERPENTINE RETURN SYSTEM FOR CHAINS AND MODULAR BELTS

### Characteristics:

- cost-effective/labor saving
- flexible design/standard parts
- trouble free/secure
- guaranteed materials
- long life/lower chain wear
- low/no maintenance
- stable at high speeds
- universal belt compatibility
- industry proven reliable

**VALU**  
**FLEX**™



Save  
time and money

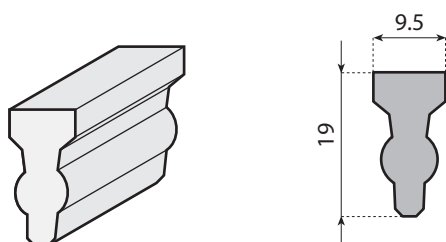


Polyethylene  
UHMW



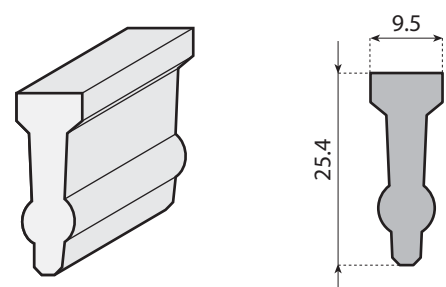
USA #5,190,145  
D.G.M. #G9215240.6

**Patented Simplicity!**



### STANDARD VALUFLEX PROFILE

| Code                | Ref.           |  |  | Material |  |
|---------------------|----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00002-30M</b> | VF-CR-3834-30M | 30 m                                                                                  | 30 m                                                                                  | PE       | White                                                                                 |



### REINFORCED VALUFLEX PROFILE

| Code                | Ref.            |  |  | Material |  |
|---------------------|-----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00001-30M</b> | VF-CR-38100-30M | 30 m                                                                                  | 30 m                                                                                  | PE       | White                                                                                 |

### Spreads out wear across chain!

The ValuFlex system uses standardized parts that help reduce design and fabrication time. ValuFlex can be easily installed, new or retrofitted, without the use of special tools. The absence of moving parts means less noise, less wear, and significantly lower maintenance and replacement cost. The serpentine pattern distributes wear evenly across the belt surface. This extends the useful life of chains or belts and provides increased stability at higher speeds.

ValuFlex is also used as a light duty support grid for lightly loaded modular style belts, and can be used with other Valu Guide components as a hold down system for packaging tops, lids, or flaps.

Low friction ValuFlex UHMW serpentine profiles last for years without the need for lubrication or maintenance, and operate equally well in dry or wet environments.

# CHAIN RETURN COMPONENTS

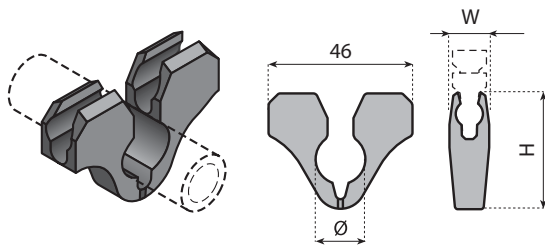
 Preferred type, readily available (codes marked in red)



Save  
time and money



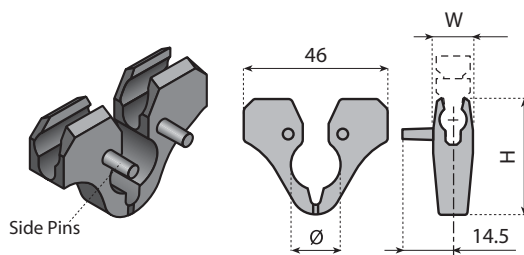
Acetal resin



| Code            | Ref.       | For rod<br>Ø<br>(mm) | H  | W    |      |     |       |
|-----------------|------------|----------------------|----|------|------|-----|-------|
| <b>14S00002</b> | VF-CRC-14M | 14                   | 33 | 11.5 |      |     |       |
| <b>14S00003</b> | VF-CRC-16M | 16                   | 36 | 12.5 | n°10 | POM | Black |
| <b>14S00004</b> | VF-CRC-18M | 18                   | 36 | 12.5 |      |     |       |

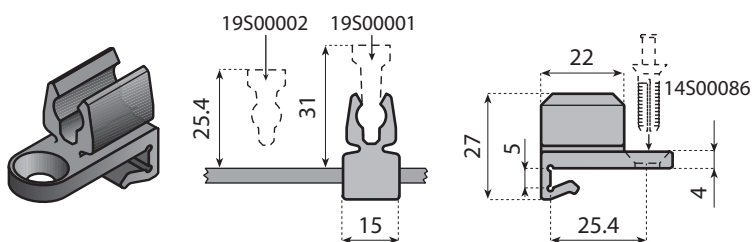


## SNAPLOCK CLIPS



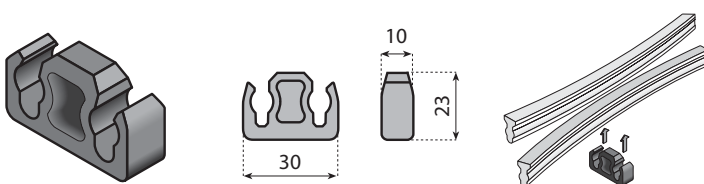
| Code            | Ref.        | For rod<br>Ø<br>(mm) | H  | W    |      |     |       |
|-----------------|-------------|----------------------|----|------|------|-----|-------|
| <b>14S00089</b> | VF-CRCP-12M | 12                   | 33 | 11.5 |      |     |       |
| <b>14S00005</b> | VF-CRCP-14M | 14                   | 33 | 11.5 |      |     |       |
| <b>14S00006</b> | VF-CRCP-16M | 16                   | 36 | 12.5 | n°10 | POM | Black |
| <b>14S00007</b> | VF-CRCP-18M | 18                   | 36 | 12.5 |      |     |       |

## SNAPLOCK CLIPS



| Code            | Ref.     |      |     |       |  |  |
|-----------------|----------|------|-----|-------|--|--|
| <b>14S00001</b> | VF-CRA-M | n°10 | POM | Black |  |  |

## SNAPLOCK CLIPS



| Code            | Ref.     |      |     |       |  |  |
|-----------------|----------|------|-----|-------|--|--|
| <b>14S00008</b> | VF-CRC-T | n°10 | POM | Black |  |  |

## PINCH LOCK CLIPS

# CHAIN RETURN COMPONENTS

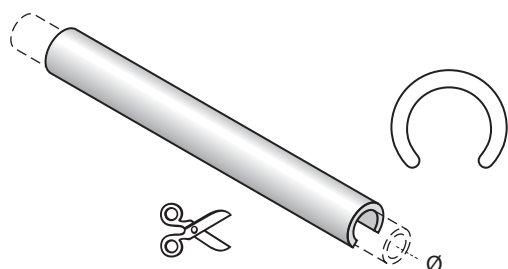
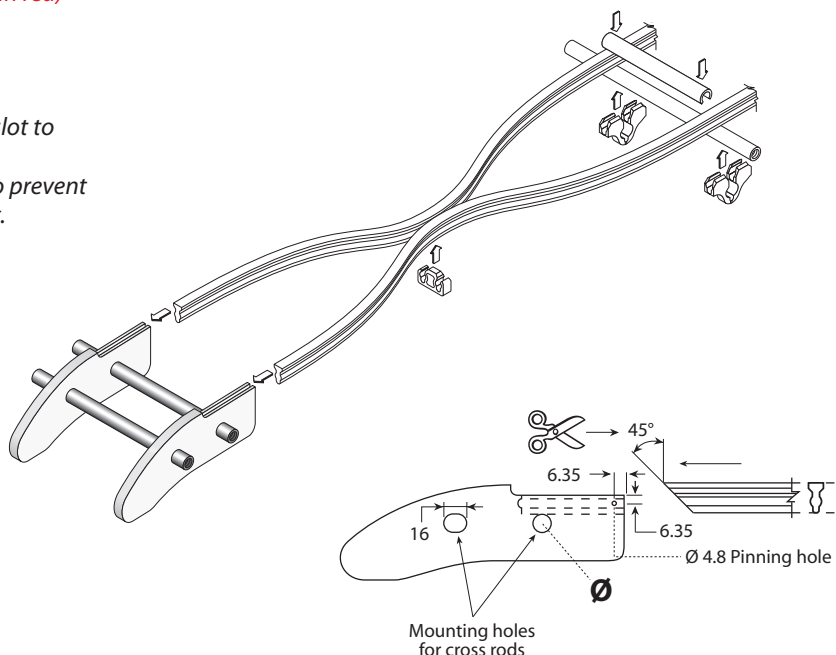
 Preferred type, readily available (codes marked in red)

## VALUFLEX

ValuFlex serpentine profiles slide into the return shoe slot to ensure a smooth, trouble-free transition.  
Pinning the profile to the shoe is a safety precaution to prevent separation caused by a snag or broken chain segment.

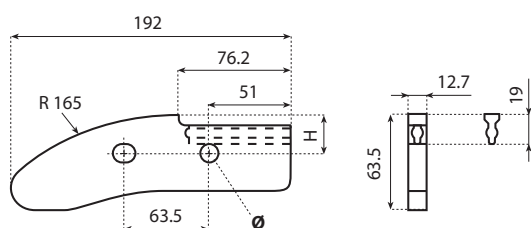


Polyethylene



| Code        | Ref.          | For rod<br>Ø (mm) | L   |      | Material |       |
|-------------|---------------|-------------------|-----|------|----------|-------|
| 19S00003-3M | VF-CRP-3M-14M | 14                |     |      |          |       |
| 19S00004-3M | VF-CRP-3M-16M | 16                | 3 m | 30 m | PE       | White |
| 19S00005-3M | VF-CRP-3M-18M | 18                |     |      |          |       |

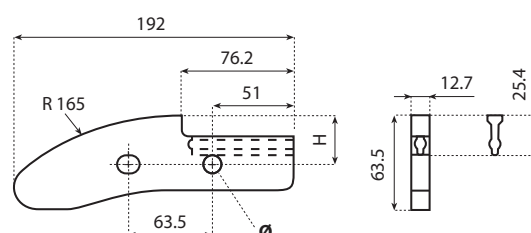
## SPACER



| Code     | Ref.          | For rod<br>Ø (mm) | H  |   | Material |       |
|----------|---------------|-------------------|----|---|----------|-------|
| 14S00012 | VF-CRS-34-14M | 14                | 26 |   |          |       |
| 14S00013 | VF-CRS-34-16M | 16                | 27 | 2 | PE       | White |
| 14S00014 | VF-CRS-34-18M | 18                | 28 |   |          |       |

## RETURN SHOES

for use with VF-CR-3834

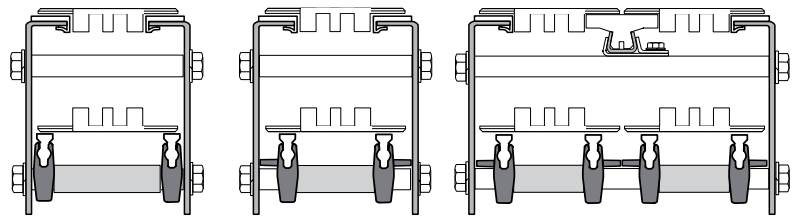
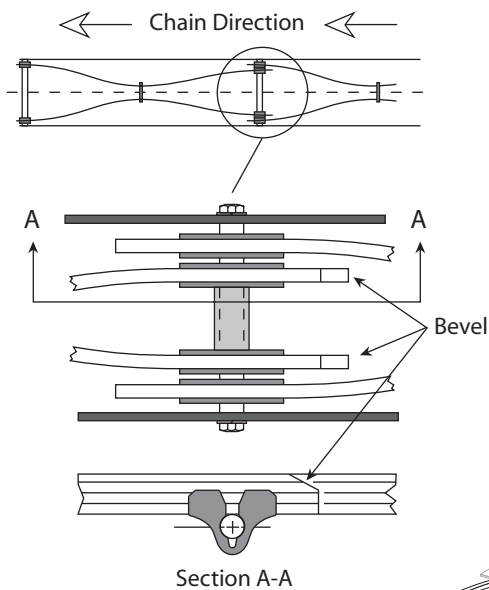


| Code     | Ref.           | For rod<br>Ø (mm) | H    |   | Material |       |
|----------|----------------|-------------------|------|---|----------|-------|
| 14S00009 | VF-CRS-100-14M | 14                | 32.5 |   |          |       |
| 14S00010 | VF-CRS-100-16M | 16                | 33.5 | 2 | PE       | White |
| 14S00011 | VF-CRS-100-18M | 18                | 34.5 |   |          |       |

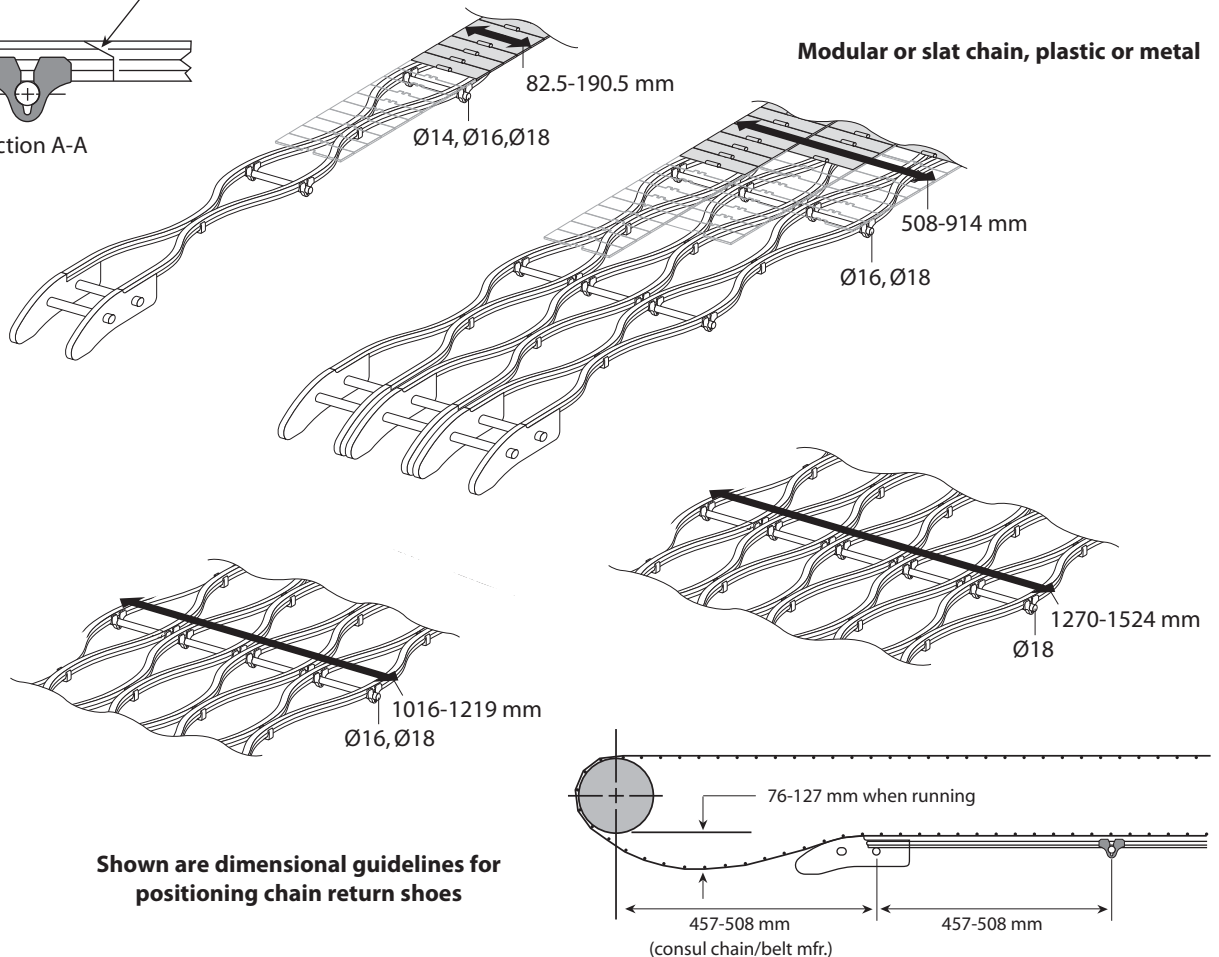
## RETURN SHOES

for use with VF-CR-38100

Splicing with the overlap method is quick and easy with ValuFlex.



Modular or slat chain, plastic or metal

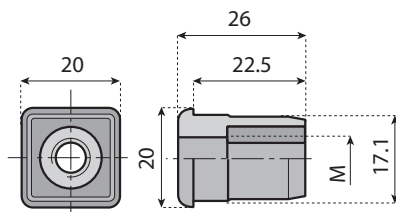


Shown are dimensional guidelines for positioning chain return shoes

| Single Pair Max. Load |                                                                                               |        |                                                                                                  |
|-----------------------|-----------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------|
| L (mm)                |  VF-34-30M | L (mm) |  VF-100-30M |
| 300                   | 18.89 Kg/m                                                                                    | 300    | 36.21 Kg/m                                                                                       |
| 450                   | 6.24 Kg/m                                                                                     | 450    | 11.08 Kg/m                                                                                       |
| 600                   | 3.59 Kg/m                                                                                     | 600    | 5.77 Kg/m                                                                                        |

# CHAIN RETURN COMPONENTS

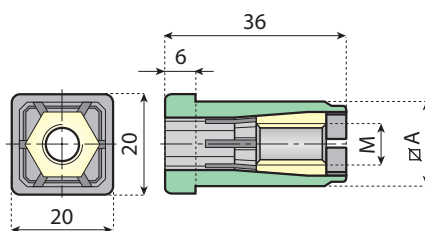
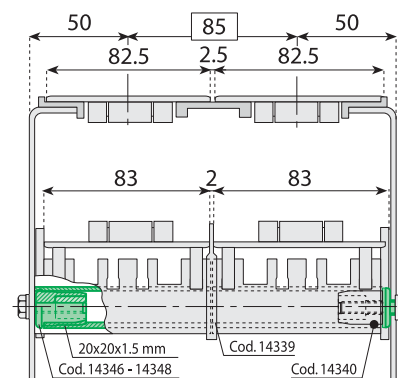
 Preferred type, readily available (codes marked in red)



## SQUARE PLUG for square tube

**Material:** reinforced polyamide, threaded bushing in nickel plated brass.

| Code         | M | For square tube |  |  |
|--------------|---|-----------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>14348</b> | 6 | 20 x 20         | n°100                                                                             | Black                                                                              |
| <b>14346</b> | 8 | 20 x 20         |                                                                                   |                                                                                    |

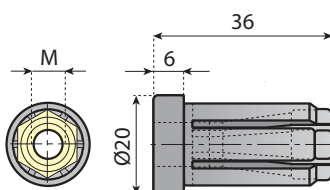
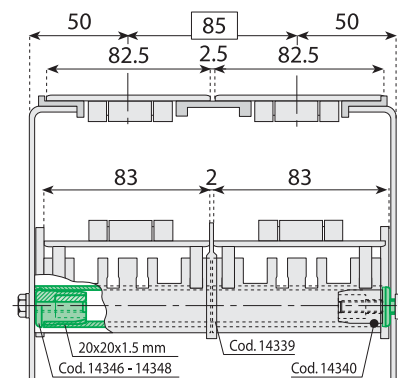


## EXPANSION PLUG for square tubes

**Components:**  
External part in reinforced polyamide.  
Conical insert in nickel plated brass.

**Technical information:**  
Max. load for removal Kgf 300  
(static conditions).

| Code         | A  | M  | For square tube |  |  |
|--------------|----|----|-----------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>14019</b> | 17 | 8  | 20 x 20 x 1.5   | n°100                                                                               | Black                                                                                |
| <b>14020</b> | 17 | 10 | 20 x 20 x 1.5   |                                                                                     |                                                                                      |
| <b>14021</b> | 16 | 8  | 20 x 20 x 2     |                                                                                     |                                                                                      |
| <b>14022</b> | 16 | 10 | 20 x 20 x 2     |                                                                                     |                                                                                      |

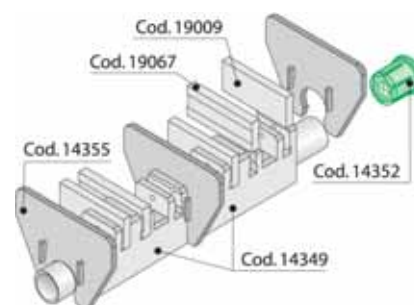


## EXPANSION PLUG for round tubes

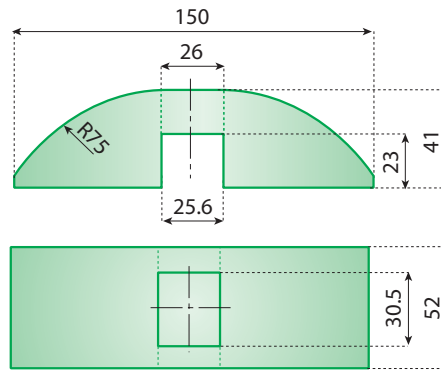
**Components:**  
External part in reinforced polyamide.  
Conical insert in nickel plated brass.

**Technical information:**  
Max. load for removal Kgf 300  
(static conditions).

| Code         | M  | For round tube |  |  |
|--------------|----|----------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>14352</b> | 8  | Ø 20 x 1.5     | n°100                                                                               | Black                                                                                |
| <b>14353</b> | 10 | Ø 20 x 1.5     |                                                                                     |                                                                                      |



 Preferred type, readily available (codes marked in red)



SLIDING SHOE

Code

**14300**



n°100

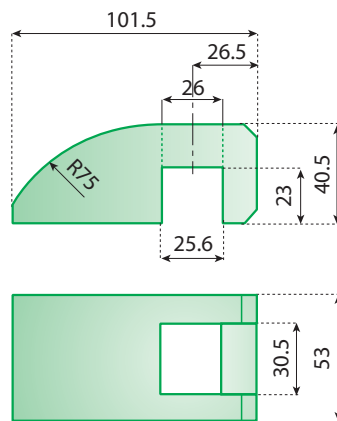
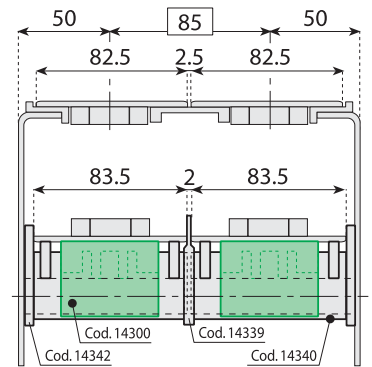


PE



Green

Use: with spacers 14340 - 14349.



SLIDING SHOE

Code

**14343**



n°100

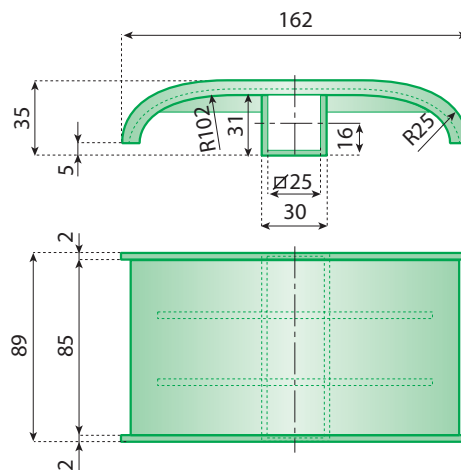
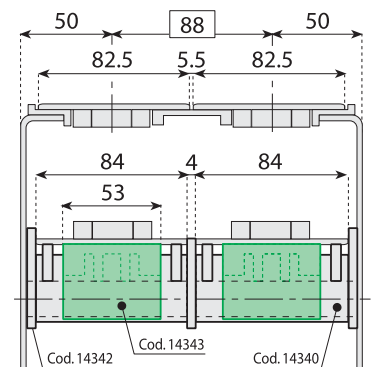


PE



Green

Use: with spacers 14340 - 14349.



SLIDING SHOE

Code

**14344**



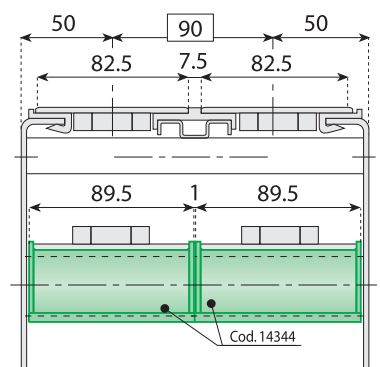
n°100



PE



Green



## CHAIN RETURN COMPONENTS

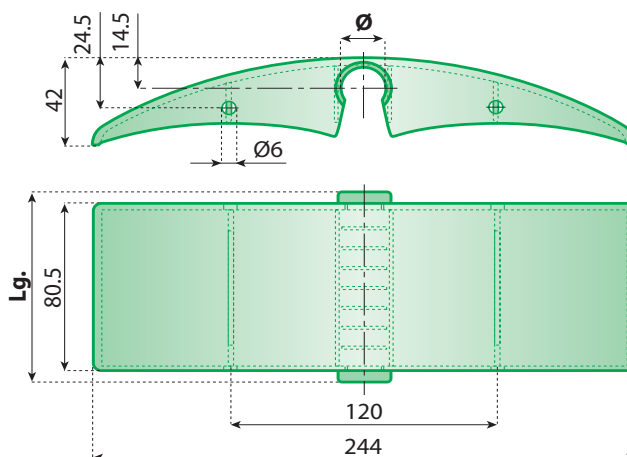
 Preferred type, readily available (codes marked in red)



Polyethylene  
UHMW

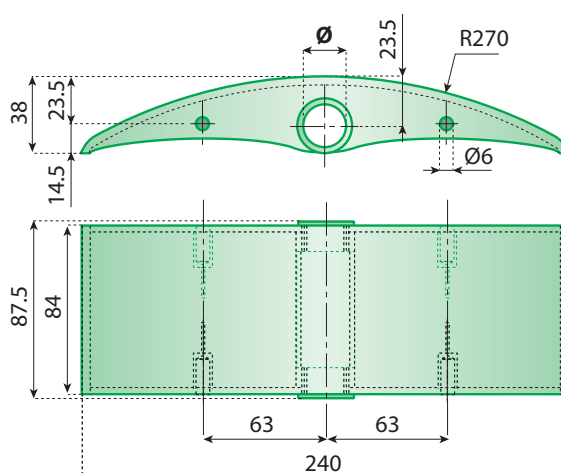


**SNAP-ON SELF-ADJUSTING  
SLIDING SHOE**



| Code   | Lg.  | For rod<br>Ø (mm) |       | Material |       |
|--------|------|-------------------|-------|----------|-------|
| 14858  | 80.5 | 30                | n° 50 | PE       | Green |
| 14858B |      |                   |       |          | Black |
| 14841  |      | 18                |       |          | Green |
| 14841B | 83   | 18                | n° 50 | PE       | Black |
| 14842  |      | 20                |       |          | Green |
| 14842B |      | 20                |       |          | Black |
| 14834  |      | 18                |       |          | Green |
| 14834B | 84   | 18                | n°50  | PE       | Black |
| 14838  |      | 20                |       |          | Green |
| 14838B |      | 20                |       |          | Black |

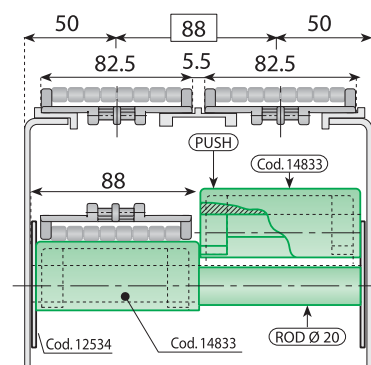
| Code   | Lg. | For rod<br>Ø (mm) |      | Material |       |
|--------|-----|-------------------|------|----------|-------|
| 14843  |     | 18                |      |          | Green |
| 14843B | 85  | 18                | n°50 | PE       | Black |
| 14844  |     | 20                |      |          | Green |
| 14844B |     | 20                |      |          | Black |
| 14845  |     | 18                |      |          | Green |
| 14845B | 88  | 18                | n°50 | PE       | Black |
| 14833  |     | 20                |      |          | Green |
| 14833B |     | 20                |      |          | Black |



**SELF-ADJUSTING  
SLIDING SHOE**

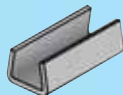
**Application:** pitch 88 mm.

| Code   | For rod<br>Ø (mm) |       | Material |       |
|--------|-------------------|-------|----------|-------|
| 14820  | 20                | n°100 | PE       | Green |
| 14820B |                   |       |          | Black |



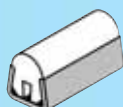
# Conical side guides

The conical guide rail incorporates two outstanding materials: stainless steel and UHMW. The stainless steel sheath provides rigid streamlined support for heavy loads at any speed, plus a solid connecting point for holding the rail in place with clamps and brackets. The UHMW guiding surface is available in a wide selection of shapes. The very low friction characteristics of UHMW allow containers to move at high speed with a minimum of drag, container damage, and noise. Materials are approved by the FDA and accepted for use in USDA inspected facilities.



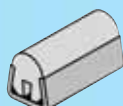
## METAL PROFILE

Metal profile is typically in stainless steel AISI 304 ( AISI 316 on the request), used for its excellent resistance to corrosion and long lasting attractive appearance. Galvanized steel can be ordered as an economical alternative to stainless steel.



## STANDARD VERSION

**Natural UHMW** - The manufacturing process allows the use of UHMW without additives or other processing chemicals. The result is a material that resists abrasion better, is more color stable (less prone to yellowing) and of uniform consistency. Available in two colors black and white.



## SELF LUBRICATED VERSION

**Nolu-S UHMW** - Battleship grey color. A lubricant system is added to our standard UHMW during processing to give it reduced friction while maintaining all other physical properties. The coefficient of friction Nolu-S material is ca 35% lower as standard. The PV-limit for chain is at least 2 times the standard value for UHMW.



## VERSION WITH IMPROVED ELECTROSTATIC CONDUCTIVITY

**Static Dissipating UHMW** - Special formulation retains the low friction and wear characteristics of UHMW while effectively reducing problems caused by static. Color: black.



Zinc plated steel



AISI 304  
Stainless steel



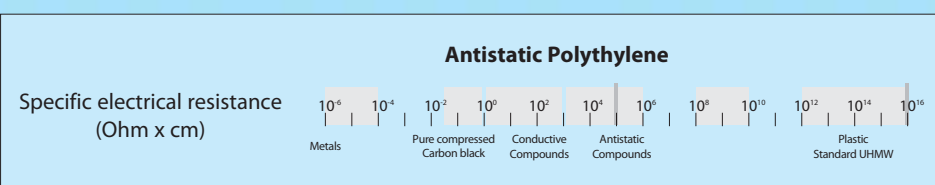
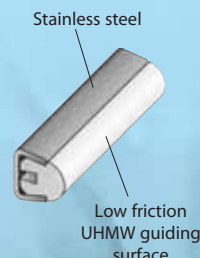
Polyethylene  
UHMW



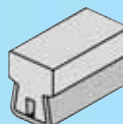
Nolu-S



Polyethylene  
UHMW  
Antistatic



Static dissipative UHMW rail provides a conductive pathway to disperse the buildup of static electricity.



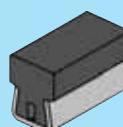
## VERSION FOR HIGH TEMPERATURE

High temperature. Special developed material to operate under high temperatures. The HT profiles are designed to operate under a continuous temperature of maximum 270°C. Typical applications for HT profiles are: Ovens, coolers, hot fill area, steam chambers, furnace discharge, retorts, fryers, shrink tunnels, pasturizers and steam boxes.



For use in  
high temperatures

| SPECIFICATIONS                                                                   | HI-TEMP MATERIAL     | MATERIAL PROFILE |
|----------------------------------------------------------------------------------|----------------------|------------------|
| <b>Tensile Strength</b> - ASTM D-1457 (N/mm <sup>2</sup> )                       | 12.6                 | 500              |
| <b>Deformation under load</b> - ASTM D-621 (%)                                   | 3.8                  | -                |
|                                                                                  | 7.47 ( 37°-120°C )   |                  |
| <b>Coefficient of thermal expansion</b> - ASTM D-696 mm/mm/°Cx10 <sup>-5</sup> ) | 12.62 ( 120°-150°C ) | -                |
|                                                                                  | 7.47 ( 150°-270°C )  |                  |
| <b>Coefficient of friction</b> - ASTM D-1894                                     | 0.04                 | -                |
| <b>Continuous service temperature</b>                                            | 270°C                | -                |



## VERSION WITH NYLATRON INSERT

For applications such as high conveyor speeds, heavy loads or abrasive conditions. Nylatron can be used at continuous temperatures up to 93°C.



Nylatron

# CONICAL SIDE GUIDES



## CONICAL SIDE GUIDES

### Material:

Extruded ultra high molecular weight polyethylene.  
Max. continuous service temperature in air 90° C.  
Water absorption coefficient = 0.  
Sheath material see the table.

### Notes:

These USDA-approved designs eliminate the chance of contamination by sealing out liquids and debris. As a result, they make it easy to maintain a clean, sanitary surface.

Preferred type, readily available (codes marked in red)



Nolu-S



AISI 304  
Stainless steel



Accessories



Zinc plated steel



Consult pages  
105-109 for  
bending machines



Polyethylene  
UHMW

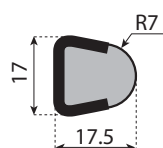
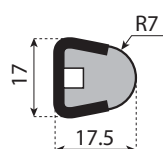


Polyethylene  
antistatic  
UHMW



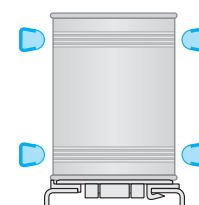
Teflon alloy

## STANDARD VERSIONS



## SOLID VERSIONS

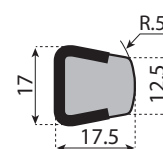
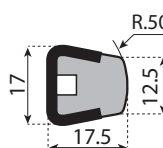
| Code                 |              |     |          |                        |            |
|----------------------|--------------|-----|----------|------------------------|------------|
| Standard version     | Ref.         | L   | Material | Metal profile material |            |
| <b>19019</b>         | -            | 3 m | PE       |                        | White      |
| <b>19019L</b>        | -            | 6 m | PE       |                        | White      |
| <b>19019V</b>        | -            | 3 m | PE       |                        | Green      |
| <b>19019VL</b>       | -            | 6 m | PE       |                        | Green      |
| <b>19020</b>         | -            | 3 m | PE       |                        | Black      |
| <b>19020L</b>        | -            | 6 m | PE       | SS 304                 | Black      |
| <b>19020AS</b>       | VG-SSR-SD-3M | 3 m | PE-as    |                        | Black      |
| <b>19020ASL</b>      | VG-SSR-SD-6M | 6 m | PE-as    |                        | Black      |
| <b>19S00145NS-3M</b> | VG-SSR-NS-3M | 3 m | Nolu-S   |                        | Light Grey |
| <b>19S00145NS-6M</b> | VG-SSR-NS-6M | 6 m | Nolu-S   |                        | Light Grey |
| <b>19021</b>         | -            | 3 m | PE       |                        | White      |
| <b>19021L</b>        | -            | 6 m | PE       |                        | White      |
| <b>19021V</b>        | -            | 3 m | PE       |                        | Green      |
| <b>19021VL</b>       | -            | 6 m | PE       |                        | Green      |
| <b>19022</b>         | -            | 3 m | PE       |                        | Black      |
| <b>19022L</b>        | -            | 6 m | PE       |                        | Black      |
| <b>Solid version</b> |              |     |          |                        |            |
| <b>19S00146-3M</b>   | VG-SSRS-3M   | 3 m | PE       | SS 304                 | White      |
| <b>19S00146-6M</b>   | VG-SSRS-6M   | 6 m | PE       |                        | White      |



## CONICAL SIDE GUIDES

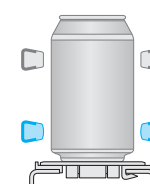
**Weight:** 0.60 Kg/m  
**Packaging:** 30 meters

## STANDARD VERSIONS



## SOLID VERSIONS

| Code                 |              |     |          |                        |            |
|----------------------|--------------|-----|----------|------------------------|------------|
| Standard version     | Ref.         | L   | Material | Metal profile material |            |
| <b>19023</b>         | -            | 3 m | PE       |                        | White      |
| <b>19023L</b>        | -            | 6 m | PE       |                        | White      |
| <b>19024</b>         | -            | 3 m | PE       |                        | Black      |
| <b>19024L</b>        | -            | 6 m | PE       |                        | Black      |
| <b>19024AS</b>       | VG-SSM-SD-3M | 3 m | PE-as    | SS 304                 | Black      |
| <b>19024ASL</b>      | VG-SSM-SD-6M | 6 m | PE-as    |                        | Black      |
| <b>19S00129NS-3M</b> | VG-SSM-NS-3M | 3 m | Nolu-S   |                        | Light Grey |
| <b>19S00129NS-6M</b> | VG-SSM-NS-6M | 6 m | Nolu-S   |                        | Light Grey |
| <b>19025</b>         | -            | 3 m | PE       |                        | White      |
| <b>19025L</b>        | -            | 6 m | PE       |                        | White      |
| <b>19026</b>         | -            | 3 m | PE       |                        | Black      |
| <b>19026L</b>        | -            | 6 m | PE       |                        | Black      |
| <b>Solid version</b> |              |     |          |                        |            |
| <b>19S00130-3M</b>   | VG-SSMS-3M   | 3 m | PE       | SS 304                 | White      |
| <b>19S00130-6M</b>   | VG-SSMS-6M   | 6 m | PE       |                        | White      |

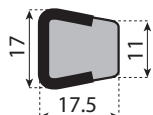
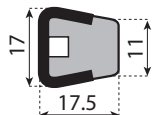


## CONICAL SIDE GUIDES

**Weight:** 0.60 Kg/m  
**Packaging:** 30 meters

 Preferred type, readily available (codes marked in red)

## STANDARD VERSIONS

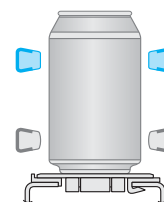


## SOLID VERSIONS

| Code                 |              |  |  |  |
|----------------------|--------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Standard version     | Ref.         |                                                                                   |                                                                                   |                                                                                     |
| <b>19027</b>         | -            | 3 m                                                                               | PE                                                                                | White                                                                               |
| <b>19027L</b>        | -            | 6 m                                                                               | PE                                                                                | White                                                                               |
| <b>19028</b>         | -            | 3 m                                                                               | PE                                                                                | Black                                                                               |
| <b>19028L</b>        | -            | 6 m                                                                               | PE                                                                                | Black                                                                               |
| <b>19028AS</b>       | VG-SSF-SD-3M | 3 m                                                                               | PE-as                                                                             | SS 304                                                                              |
| <b>19028ASL</b>      | VG-SSF-SD-6M | 6 m                                                                               | PE-as                                                                             | Black                                                                               |
| <b>19S00115NS-3M</b> | VG-SSF-NS-3M | 3 m                                                                               | Nolu-S                                                                            | Light Grey                                                                          |
| <b>19S00115NS-6M</b> | VG-SSF-NS-6M | 6 m                                                                               | Nolu-S                                                                            | Light Grey                                                                          |
| <b>19S00115HT-3M</b> | VG-SSF-HT-3M | 3 m                                                                               | HT                                                                                | -                                                                                   |
| <b>19029</b>         | -            | 3 m                                                                               | PE                                                                                | White                                                                               |
| <b>19029L</b>        | -            | 6 m                                                                               | PE                                                                                | White                                                                               |
| <b>19030</b>         | -            | 3 m                                                                               | PE                                                                                | Black                                                                               |
| <b>19030L</b>        | -            | 6 m                                                                               | PE                                                                                | Black                                                                               |

## Solid version

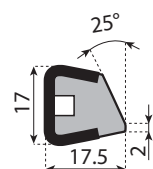
|                    |            |     |    |        |       |
|--------------------|------------|-----|----|--------|-------|
| <b>19S00116-3M</b> | VG-SSFS-3M | 3 m | PE | SS 304 | White |
| <b>19S00116-6M</b> | VG-SSFS-6M | 6 m | PE | SS 304 | White |



## CONICAL SIDE GUIDES

**Weight:** 0.60 Kg/m

**Packaging:** 30 meters

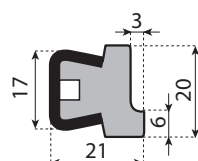
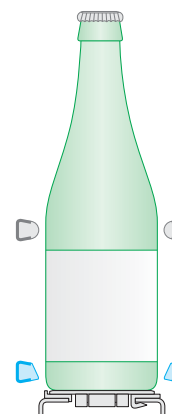


## STANDARD VERSIONS

**Weight:** 0.55 Kg/m

**Packaging:** 30 meters

| Code             |      |  |  |  |
|------------------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Standard version | Ref. |                                                                                     |                                                                                     |                                                                                       |
| <b>19065</b>     | -    | 3 m                                                                                 |                                                                                     | White                                                                                 |
| <b>19065L</b>    | -    | 6 m                                                                                 | PE                                                                                  | White                                                                                 |
| <b>19066</b>     | -    | 3 m                                                                                 |                                                                                     | Black                                                                                 |
| <b>19066L</b>    | -    | 6 m                                                                                 |                                                                                     | Black                                                                                 |
| <b>190249</b>    | -    | 3 m                                                                                 |                                                                                     | White                                                                                 |
| <b>190249L</b>   | -    | 6 m                                                                                 | PE                                                                                  | White                                                                                 |
| <b>190250</b>    | -    | 3 m                                                                                 |                                                                                     | Black                                                                                 |
| <b>190250L</b>   | -    | 6 m                                                                                 |                                                                                     | Black                                                                                 |

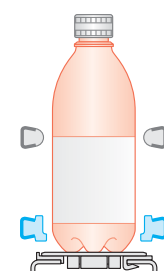


## STANDARD VERSIONS

**Weight:** 0.62 Kg/m

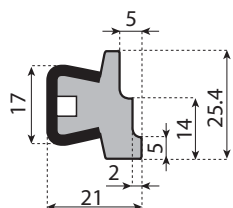
**Packaging:** 30 meters

| Code             |      |  |  |  |
|------------------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Standard version | Ref. |                                                                                     |                                                                                     |                                                                                       |
| <b>19063W</b>    | -    | 3 m                                                                                 |                                                                                     | White                                                                                 |
| <b>19063WL</b>   | -    | 6 m                                                                                 | PE                                                                                  | White                                                                                 |
| <b>19063</b>     | -    | 3 m                                                                                 |                                                                                     | Black                                                                                 |
| <b>19063L</b>    | -    | 6 m                                                                                 |                                                                                     | Black                                                                                 |
| <b>190251</b>    | -    | 3 m                                                                                 |                                                                                     | White                                                                                 |
| <b>190251L</b>   | -    | 6 m                                                                                 | PE                                                                                  | White                                                                                 |
| <b>190252</b>    | -    | 3 m                                                                                 |                                                                                     | Black                                                                                 |
| <b>190252L</b>   | -    | 6 m                                                                                 |                                                                                     | Black                                                                                 |



# CONICAL SIDE GUIDES

 Preferred type, readily available (codes marked in red)

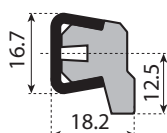
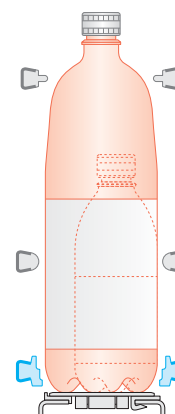


## STANDARD VERSIONS

**Weight:** 0.72 Kg/m

**Packaging:** 30 meters

| Code             |      |                                                                                   |                                                                                   |                        |                                                                                     |
|------------------|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------|
| Standard version | Ref. |  |  | Metal profile material |  |
| <b>190253</b>    | -    | 3 m                                                                               | PE                                                                                | SS 304                 | White                                                                               |
| <b>190253L</b>   | -    | 6 m                                                                               |                                                                                   |                        | White                                                                               |
| <b>190254</b>    | -    | 3 m                                                                               |                                                                                   |                        | Black                                                                               |
| <b>190254L</b>   | -    | 6 m                                                                               |                                                                                   |                        | Black                                                                               |
| <b>190255</b>    | -    | 3 m                                                                               | PE                                                                                | ZN                     | White                                                                               |
| <b>190255L</b>   | -    | 6 m                                                                               |                                                                                   |                        | White                                                                               |
| <b>190256</b>    | -    | 3 m                                                                               |                                                                                   |                        | Black                                                                               |
| <b>190256L</b>   | -    | 6 m                                                                               |                                                                                   |                        | Black                                                                               |

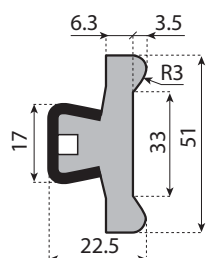
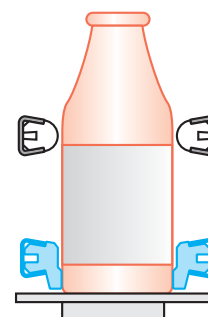


## STANDARD VERSIONS

**Weight:** 0.65 Kg/m

**Packaging:** 30 meters

| Code                 |               |                                                                                   |                                                                                   |                        |                                                                                     |
|----------------------|---------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------|
| Standard version     | Ref.          |  |  | Metal profile material |  |
| <b>19S00138-3M</b>   | VG-SSMT-3M    | 3 m                                                                               | PE                                                                                | SS 304                 | White                                                                               |
| <b>19S00138-6M</b>   | VG-SSMT-6M    | 6 m                                                                               | PE                                                                                |                        | White                                                                               |
| <b>19S00138SD-3M</b> | VG-SSMT-SD-3M | 3 m                                                                               | PE-as                                                                             |                        | Black                                                                               |
| <b>19S00138SD-6M</b> | VG-SSMT-SD-6M | 6 m                                                                               | PE-as                                                                             |                        | Black                                                                               |

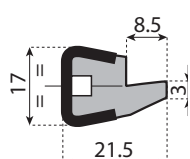
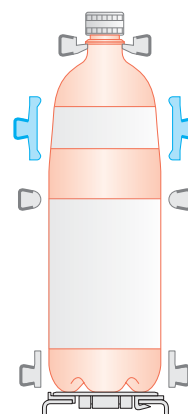


## STANDARD VERSIONS

**Weight:** 1.05 Kg/m

**Packaging:** 30 meters

| Code             |      |                                                                                     |                                                                                     |                        |                                                                                       |
|------------------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------|
| Standard version | Ref. |  |  | Metal profile material |  |
| <b>19062</b>     | -    | 3 m                                                                                 | PE                                                                                  | SS 304                 | White                                                                                 |
| <b>19062L</b>    | -    | 6 m                                                                                 |                                                                                     |                        | White                                                                                 |
| <b>190257</b>    | -    | 3 m                                                                                 |                                                                                     |                        | Black                                                                                 |
| <b>190257L</b>   | -    | 6 m                                                                                 |                                                                                     |                        | Black                                                                                 |
| <b>190258</b>    | -    | 3 m                                                                                 | PE                                                                                  | ZN                     | White                                                                                 |
| <b>190258L</b>   | -    | 6 m                                                                                 |                                                                                     |                        | White                                                                                 |
| <b>190259</b>    | -    | 3 m                                                                                 |                                                                                     |                        | Black                                                                                 |
| <b>190259L</b>   | -    | 6 m                                                                                 |                                                                                     |                        | Black                                                                                 |

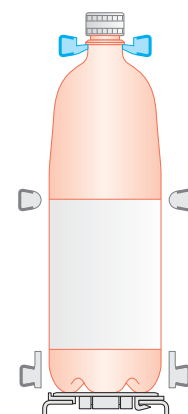


## STANDARD VERSIONS

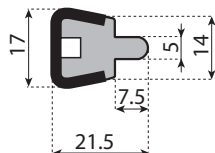
**Weight:** 0.62 Kg/m

**Packaging:** 30 meters

| Code             |      |                                                                                     |                                                                                     |                        |                                                                                       |
|------------------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------|
| Standard version | Ref. |  |  | Metal profile material |  |
| <b>19042</b>     | -    | 3 m                                                                                 | PE                                                                                  | SS 304                 | White                                                                                 |
| <b>19042L</b>    | -    | 6 m                                                                                 |                                                                                     |                        | White                                                                                 |
| <b>19043</b>     | -    | 3 m                                                                                 |                                                                                     |                        | Black                                                                                 |
| <b>19043L</b>    | -    | 6 m                                                                                 |                                                                                     |                        | Black                                                                                 |
| <b>190260</b>    | -    | 3 m                                                                                 | PE                                                                                  | ZN                     | White                                                                                 |
| <b>190260L</b>   | -    | 6 m                                                                                 |                                                                                     |                        | White                                                                                 |
| <b>190261</b>    | -    | 3 m                                                                                 |                                                                                     |                        | Black                                                                                 |
| <b>190261L</b>   | -    | 6 m                                                                                 |                                                                                     |                        | Black                                                                                 |



 Preferred type, readily available (codes marked in red)

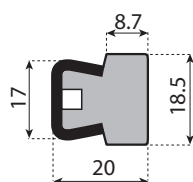
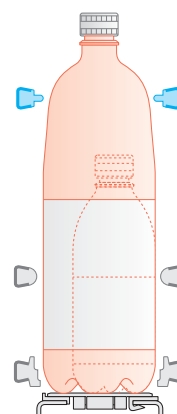


## STANDARD VERSIONS

Weight: 0.62 Kg/m

Packaging: 30 meters

| Code             |      |                                                                                   |                                                                                   |                        |                                                                                     |
|------------------|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------|
| Standard version | Ref. |  |  | Metal profile material |  |
| <b>190262</b>    | -    | 3 m                                                                               | PE                                                                                | SS 304                 | Black                                                                               |
| <b>190262L</b>   | -    | 6 m                                                                               |                                                                                   |                        | Black                                                                               |
| <b>190263</b>    | -    | 3 m                                                                               |                                                                                   |                        | White                                                                               |
| <b>190263L</b>   | -    | 6 m                                                                               | PE                                                                                | ZN                     | White                                                                               |
| <b>190264</b>    | -    | 3 m                                                                               |                                                                                   |                        | Black                                                                               |
| <b>190264L</b>   | -    | 6 m                                                                               |                                                                                   |                        | Black                                                                               |

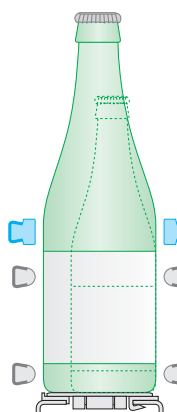


## STANDARD VERSIONS

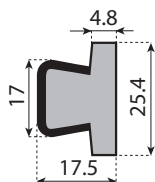
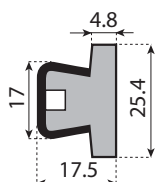
Weight: 0.68 Kg/m

Packaging: 30 meters

| Code                |                  |                                                                                    |                                                                                    |                        |                                                                                      |
|---------------------|------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------|
| Standard version    | Ref.             |  |  | Metal profile material |  |
| <b>19057</b>        | -                | 3 m                                                                                | PE                                                                                 |                        | White                                                                                |
| <b>19057L</b>       | -                | 6 m                                                                                | PE                                                                                 |                        | White                                                                                |
| <b>19058</b>        | -                | 3 m                                                                                | PE                                                                                 |                        | Black                                                                                |
| <b>19058L</b>       | -                | 6 m                                                                                | PE                                                                                 | SS 304                 | Black                                                                                |
| <b>19058AS</b>      | VG-SST-.75-SD-3M | 3 m                                                                                | PE-as                                                                              |                        | Black                                                                                |
| <b>19058ASL</b>     | VG-SST-.75-SD-6M | 6 m                                                                                | PE-as                                                                              |                        | Black                                                                                |
| <b>19S00153N-3M</b> | VG-SST-N-.75-3M  | 3 m                                                                                | Nylatron                                                                           |                        | Black                                                                                |
| <b>190200</b>       | -                | 3 m                                                                                | PE                                                                                 |                        | White                                                                                |
| <b>190200L</b>      | -                | 6 m                                                                                | PE                                                                                 | ZN                     | White                                                                                |
| <b>190201</b>       | -                | 3 m                                                                                | PE                                                                                 |                        | Black                                                                                |
| <b>190201L</b>      | -                | 6 m                                                                                | PE                                                                                 |                        | Black                                                                                |

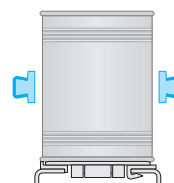


## STANDARD VERSIONS



## SOLID VERSIONS

| Code                 |               |                                                                                     |                                                                                     |                        |                                                                                       |
|----------------------|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------|
| Standard version     | Ref.          |  |  | Metal profile material |  |
| <b>190212</b>        | -             | 3 m                                                                                 | PE                                                                                  |                        | White                                                                                 |
| <b>190212L</b>       | -             | 6 m                                                                                 | PE                                                                                  |                        | White                                                                                 |
| <b>190213</b>        | -             | 3 m                                                                                 | PE                                                                                  |                        | Black                                                                                 |
| <b>190213L</b>       | -             | 6 m                                                                                 | PE                                                                                  | SS 304                 | Black                                                                                 |
| <b>190213AS</b>      | VG-SSWF-SD-3M | 3 m                                                                                 | PE-as                                                                               |                        | Black                                                                                 |
| <b>190213ASL</b>     | VG-SSWF-SD-6M | 6 m                                                                                 | PE-as                                                                               |                        | Black                                                                                 |
| <b>19S00187NS-3M</b> | VG-SSWF-NS-3M | 3 m                                                                                 | Nolu-S                                                                              |                        | Light Grey                                                                            |
| <b>19S00187NS-6M</b> | VG-SSWF-NS-6M | 6 m                                                                                 | Nolu-S                                                                              |                        | Light Grey                                                                            |
| <b>190214</b>        | -             | 3 m                                                                                 | PE                                                                                  |                        | White                                                                                 |
| <b>190214L</b>       | -             | 6 m                                                                                 | PE                                                                                  | ZN                     | White                                                                                 |
| <b>190215</b>        | -             | 3 m                                                                                 | PE                                                                                  |                        | Black                                                                                 |
| <b>190215L</b>       | -             | 6 m                                                                                 | PE                                                                                  |                        | Black                                                                                 |



## Solid version

| Code               | Ref.        |     |    |        |       |
|--------------------|-------------|-----|----|--------|-------|
| <b>19S00174-3M</b> | VG-SSWFS-3M | 3 m | PE | SS 304 | White |
| <b>19S00174-6M</b> | VG-SSWFS-6M | 6 m | PE |        | White |

## CONICAL SIDE GUIDES

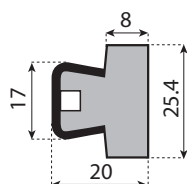
Weight: 0.72 Kg/m

Packaging: 30 meters

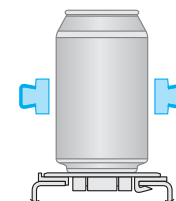
# CONICAL SIDE GUIDES

 Preferred type, readily available (codes marked in red)

## STANDARD VERSIONS

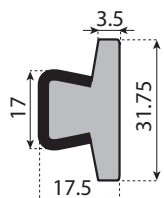
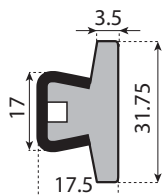


| Code             |                   |     |  |  |  |  |
|------------------|-------------------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Standard version | Ref.              |     |                                                                                   |                                                                                   | Metal profile material                                                             |                                                                                     |
| 19031            | -                 | 3 m | PE                                                                                | SS 304                                                                            |                                                                                    | White                                                                               |
| 19031L           | -                 | 6 m | PE                                                                                |                                                                                   |                                                                                    | White                                                                               |
| 19032            | -                 | 3 m | PE                                                                                |                                                                                   |                                                                                    | Black                                                                               |
| 19032L           | -                 | 6 m | PE                                                                                |                                                                                   |                                                                                    | Black                                                                               |
| 19032AS          | VG-SST-1.00-SD-3M | 3 m | PE-as                                                                             |                                                                                   |                                                                                    | Black                                                                               |
| 19032ASL         | VG-SST-1.00-SD-6M | 6 m | PE-as                                                                             |                                                                                   |                                                                                    | Black                                                                               |
| 19S00154N-3M     | VG-SST-N-1.00-3M  | 3 m | Nylatron                                                                          |                                                                                   |                                                                                    | Black                                                                               |
| 190202           | -                 | 3 m | PE                                                                                | ZN                                                                                |                                                                                    | White                                                                               |
| 190202L          | -                 | 6 m | PE                                                                                |                                                                                   |                                                                                    | White                                                                               |
| 190203           | -                 | 3 m | PE                                                                                |                                                                                   |                                                                                    | Black                                                                               |
| 190203L          | -                 | 6 m | PE                                                                                |                                                                                   |                                                                                    | Black                                                                               |

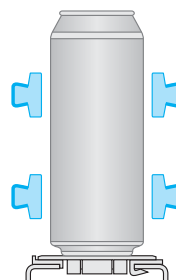


**CONICAL SIDE GUIDES**  
**Weight:** 0.78 Kg/m  
**Packaging:** 30 meters

## STANDARD VERSIONS



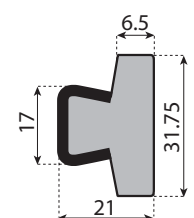
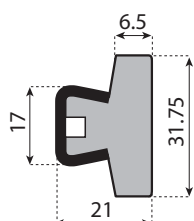
| Code             |      |  |  | Metal profile material |  |
|------------------|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------|
| Standard version | Ref. |                                                                                   |                                                                                   |                        |                                                                                     |
| 190232           | -    | 3 m                                                                               | PE                                                                                | SS 304                 | White                                                                               |
| 190232L          | -    | 6 m                                                                               | PE                                                                                |                        | White                                                                               |
| 190233           | -    | 3 m                                                                               | PE                                                                                |                        | Black                                                                               |
| 190233L          | -    | 6 m                                                                               | PE                                                                                |                        | Black                                                                               |
| 190234           | -    | 3 m                                                                               | PE                                                                                | ZN                     | White                                                                               |
| 190234L          | -    | 6 m                                                                               | PE                                                                                |                        | White                                                                               |
| 190235           | -    | 3 m                                                                               | PE                                                                                |                        | Black                                                                               |
| 190235L          | -    | 6 m                                                                               | PE                                                                                |                        | Black                                                                               |



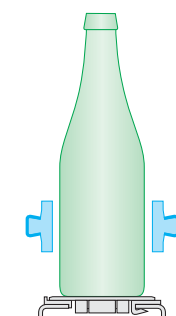
**CONICAL SIDE GUIDES**  
**Weight:** 0.76 Kg/m  
**Packaging:** 30 meters

## SOLID VERSIONS

## STANDARD VERSIONS



| Code             |                   |  |  |  |  |
|------------------|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Standard version | Ref.              |                                                                                     |                                                                                     |                                                                                      |                                                                                       |
| 19033            | -                 | 3 m                                                                                 | PE                                                                                  | SS 304                                                                               | White                                                                                 |
| 19033L           | -                 | 6 m                                                                                 | PE                                                                                  |                                                                                      | White                                                                                 |
| 19034            | -                 | 3 m                                                                                 | PE                                                                                  |                                                                                      | Black                                                                                 |
| 19034L           | -                 | 6 m                                                                                 | PE                                                                                  |                                                                                      | Black                                                                                 |
| 19034AS          | VG-SST-1.25-SD-3M | 3 m                                                                                 | PE-as                                                                               |                                                                                      | Black                                                                                 |
| 19034ASL         | VG-SST-1.25-SD-6M | 6 m                                                                                 | PE-as                                                                               |                                                                                      | Black                                                                                 |
| 19S00164NS-3M    | VG-SST-1.25-NS-3M | 3 m                                                                                 | Nolu-S                                                                              |                                                                                      | Light Grey                                                                            |
| 19S00164NS-6M    | VG-SST-1.25-NS-6M | 6 m                                                                                 | Nolu-S                                                                              |                                                                                      | Light Grey                                                                            |
| 19S00164N-3M     | VG-SST-N-1.25-3M  | 3 m                                                                                 | Nylatron                                                                            |                                                                                      | Black                                                                                 |
| 19S00164HT-3M    | VG-SST-HT-1.25-3M | 3 m                                                                                 | HT                                                                                  |                                                                                      | -                                                                                     |
| 190204           | -                 | 3 m                                                                                 | PE                                                                                  | ZN                                                                                   | White                                                                                 |
| 190204L          | -                 | 6 m                                                                                 | PE                                                                                  |                                                                                      | White                                                                                 |
| 190205           | -                 | 3 m                                                                                 | PE                                                                                  |                                                                                      | Black                                                                                 |
| 190205L          | -                 | 6 m                                                                                 | PE                                                                                  |                                                                                      | Black                                                                                 |

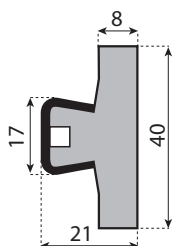


**CONICAL SIDE GUIDES**  
**Weight:** 0.86 Kg/m  
**Packaging:** 30 meters

| Solid version |                 |     |    |        |       |
|---------------|-----------------|-----|----|--------|-------|
| 19S00165-3M   | VG-SSTS-1.25-3M | 3 m | PE | SS 304 | White |
| 19S00165-6M   | VG-SSTS-1.25-6M | 6 m | PE |        | White |

## SOLID VERSIONS

 Preferred type, readily available (codes marked in red)

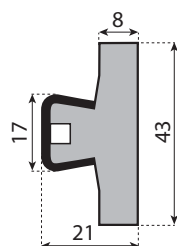
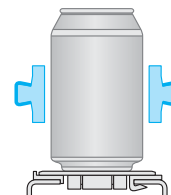


## CONICAL SIDE GUIDES

Weight: 0.90 Kg/m

Packaging: 30 meters

| Code                 |                   |     |          |                        |            |
|----------------------|-------------------|-----|----------|------------------------|------------|
| Standard version     | Ref.              | L   | Material | Metal profile material |            |
| <b>19059</b>         | -                 | 3 m | PE       |                        | White      |
| <b>19059L</b>        | -                 | 6 m | PE       |                        | White      |
| <b>19060</b>         | -                 | 3 m | PE       |                        | Black      |
| <b>19060L</b>        | -                 | 6 m | PE       |                        | Black      |
| <b>19060AS</b>       | VG-SST-1.60-SD-3M | 3 m | PE-as    | SS 304                 | Black      |
| <b>19060ASL</b>      | VG-SST-1.60-SD-6M | 6 m | PE-as    |                        | Black      |
| <b>19S00166NS-3M</b> | VG-SST-1.60-NS-3M | 3 m | Nolu-S   |                        | Light Grey |
| <b>19S00166NS-6M</b> | VG-SST-1.60-NS-6M | 6 m | Nolu-S   |                        | Light Grey |
| <b>19S00166N-3M</b>  | VG-SST-N-1.60-3M  | 3 m | Nylatron |                        | Black      |
| <b>190206</b>        | -                 | 3 m | PE       |                        | White      |
| <b>190206L</b>       | -                 | 6 m | PE       |                        | White      |
| <b>190207</b>        | -                 | 3 m | PE       | ZN                     | Black      |
| <b>190207L</b>       | -                 | 6 m | PE       |                        | Black      |

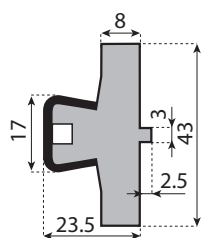
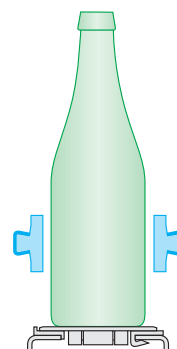


## STANDARD VERSIONS

Weight: 0.94 Kg/m

Packaging: 30 meters

| Code             |      |     |          |                        |       |
|------------------|------|-----|----------|------------------------|-------|
| Standard version | Ref. | L   | Material | Metal profile material |       |
| <b>190216</b>    | -    | 3 m |          |                        | White |
| <b>190216L</b>   | -    | 6 m | PE       | SS 304                 | White |
| <b>190217</b>    | -    | 3 m |          |                        | Black |
| <b>190217L</b>   | -    | 6 m |          |                        | Black |
| <b>190218</b>    | -    | 3 m |          |                        | White |
| <b>190218L</b>   | -    | 6 m | PE       | ZN                     | White |
| <b>190219</b>    | -    | 3 m |          |                        | Black |
| <b>190219L</b>   | -    | 6 m |          |                        | Black |



## STANDARD VERSIONS

Weight: 0.95 Kg/m

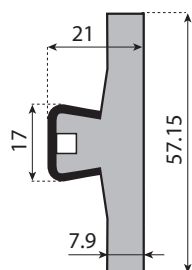
Packaging: 30 meters

| Code             |                   |     |          |                        |       |
|------------------|-------------------|-----|----------|------------------------|-------|
| Standard version | Ref.              | L   | Material | Metal profile material |       |
| <b>19038</b>     | -                 | 3 m | PE       |                        | White |
| <b>19038L</b>    | -                 | 6 m | PE       |                        | White |
| <b>19039</b>     | -                 | 3 m | PE       |                        | Black |
| <b>19039L</b>    | -                 | 6 m | PE       | SS 304                 | Black |
| <b>19039AS</b>   | VG-SST-1.70-SD-3M | 3 m | PE-as    |                        | Black |
| <b>19039ASL</b>  | VG-SST-1.70-SD-6M | 6 m | PE-as    |                        | Black |
| <b>190208</b>    | -                 | 3 m | PE       |                        | White |
| <b>190208L</b>   | -                 | 6 m | PE       |                        | White |
| <b>190209</b>    | -                 | 3 m | PE       | ZN                     | Black |
| <b>190209L</b>   | -                 | 6 m | PE       |                        | Black |



# CONICAL SIDE GUIDES

 Preferred type, readily available (codes marked in red)

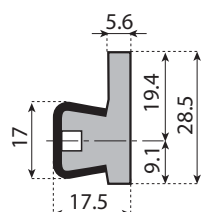
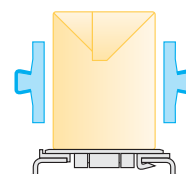


## STANDARD VERSIONS

Weight: 1.1 Kg/m

Packaging: 30 meters

| Code                 | Ref.              | L   | Material | Metal profile material |            |
|----------------------|-------------------|-----|----------|------------------------|------------|
| Standard version     | Ref.              |     |          |                        |            |
| <b>190220</b>        | -                 | 3 m | PE       |                        | White      |
| <b>190220L</b>       | -                 | 6 m | PE       |                        | White      |
| <b>190221</b>        | -                 | 3 m | PE       |                        | Black      |
| <b>190221L</b>       | -                 | 6 m | PE       |                        | Black      |
| <b>190221AS</b>      | VG-SST-2.25-SD-3M | 3 m | PE-as    | SS 304                 | Black      |
| <b>190221ASL</b>     | VG-SST-2.25-SD-6M | 6 m | PE-as    |                        | Black      |
| <b>19S00167NS-3M</b> | VG-SST-2.25-NS-3M | 3 m | Nolu-S   |                        | Light Grey |
| <b>19S00167NS-6M</b> | VG-SST-2.25-NS-6M | 6 m | Nolu-S   |                        | Light Grey |
| <b>190222</b>        | -                 | 3 m | PE       |                        | White      |
| <b>190222L</b>       | -                 | 6 m | PE       |                        | White      |
| <b>190223</b>        | -                 | 3 m | PE       | ZN                     | Black      |
| <b>190223L</b>       | -                 | 6 m | PE       |                        | Black      |

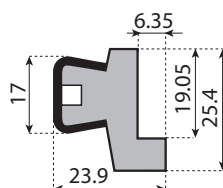
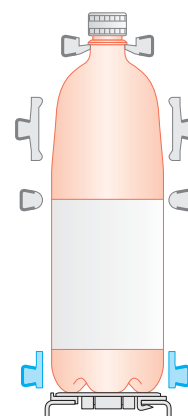


## STANDARD VERSIONS

Weight: 0.72 Kg/m

Packaging: 30 meters

| Code             | Ref. | L   | Material | Metal profile material |       |
|------------------|------|-----|----------|------------------------|-------|
| Standard version | Ref. |     |          |                        |       |
| <b>190236</b>    | -    | 3 m |          |                        | White |
| <b>190236L</b>   | -    | 6 m | PE       | SS 304                 | White |
| <b>190237</b>    | -    | 3 m |          |                        | Black |
| <b>190237L</b>   | -    | 6 m |          |                        | Black |
| <b>190238</b>    | -    | 3 m |          |                        | White |
| <b>190238L</b>   | -    | 6 m | PE       | ZN                     | White |
| <b>190239</b>    | -    | 3 m |          |                        | Black |
| <b>190239L</b>   | -    | 6 m |          |                        | Black |



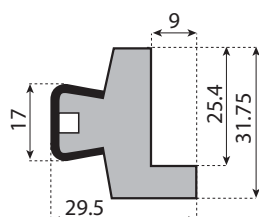
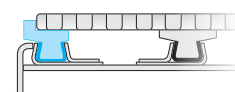
## STANDARD VERSIONS

Weight: 0.15 Kg/m

Packaging: 30 meters

| Code             | Ref. | L   | Material | Metal profile material |       |
|------------------|------|-----|----------|------------------------|-------|
| Standard version | Ref. |     |          |                        |       |
| <b>190228</b>    | -    | 3 m |          |                        | White |
| <b>190228L</b>   | -    | 6 m | PE       | SS 304                 | White |
| <b>190229</b>    | -    | 3 m |          |                        | Black |
| <b>190229L</b>   | -    | 6 m |          |                        | Black |
| <b>190230</b>    | -    | 3 m |          |                        | White |
| <b>190230L</b>   | -    | 6 m | PE       | ZN                     | White |
| <b>190231</b>    | -    | 3 m |          |                        | Black |
| <b>190231L</b>   | -    | 6 m |          |                        | Black |

Use: wear strip and side guide for modular wide belts



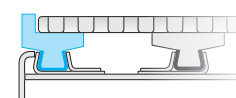
## STANDARD VERSIONS

Weight: 1.15 Kg/m

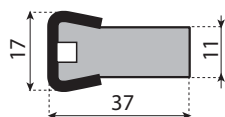
Packaging: 30 meters

| Code                 | Ref.                 | L   | Material | Metal profile material |            |
|----------------------|----------------------|-----|----------|------------------------|------------|
| Standard version     | Ref.                 |     |          |                        |            |
| <b>190224</b>        | -                    | 3 m | PE       |                        | White      |
| <b>190224L</b>       | -                    | 6 m | PE       |                        | White      |
| <b>190225</b>        | -                    | 3 m | PE       |                        | Black      |
| <b>190225L</b>       | -                    | 6 m | PE       | SS 304                 | Black      |
| <b>19S00123NS-3M</b> | VG-SSLT-1.0X38-NS-3M | 3 m | Nolu-S   |                        | Light Grey |
| <b>19S00123NS-6M</b> | VG-SSLT-1.0X38-NS-6M | 6 m | Nolu-S   |                        | Light Grey |
| <b>190226</b>        | -                    | 3 m | PE       |                        | White      |
| <b>190226L</b>       | -                    | 6 m | PE       |                        | White      |
| <b>190227</b>        | -                    | 3 m | PE       | ZN                     | Black      |
| <b>190227L</b>       | -                    | 6 m | PE       |                        | Black      |

Use: wear strip and side guide for modular wide belts



 Preferred type, readily available (codes marked in red)



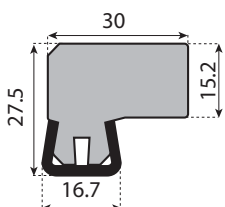
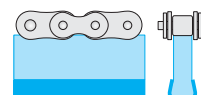
## STANDARD VERSIONS

Weight: 0.80 Kg/m

Packaging: 30 meters

| Code             |      |     |          |                        |       |
|------------------|------|-----|----------|------------------------|-------|
| Standard version | Ref. | L   | Material | Metal profile material |       |
| <b>19040</b>     | -    | 3 m |          |                        | White |
| <b>19040L</b>    | -    | 6 m | PE       | SS 304                 | White |
| <b>19041</b>     | -    | 3 m |          |                        | Black |
| <b>19041L</b>    | -    | 6 m |          |                        | Black |
| <b>190210</b>    | -    | 3 m |          |                        | White |
| <b>190210L</b>   | -    | 6 m | PE       | ZN                     | White |
| <b>190211</b>    | -    | 3 m |          |                        | Black |
| <b>190211L</b>   | -    | 6 m |          |                        | Black |

Use: ISO 12B1 European series roller chains

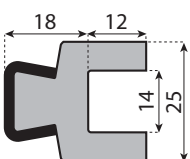
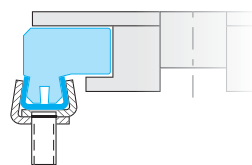


## STANDARD VERSIONS

Weight: 1.2 Kg/m

Packaging: 30 meters

| Code                |                 |     |          |                        |       |
|---------------------|-----------------|-----|----------|------------------------|-------|
| Standard version    | Ref.            | L   | Material | Metal profile material |       |
| <b>19S00181-3M</b>  | VG-SSTG-02-3M   | 3 m |          |                        | White |
| <b>19S00181-6M</b>  | VG-SSTG-02-6M   | 6 m |          |                        | White |
| <b>19S00181B-3M</b> | VG-SSTG-02-B-3M | 3 m | PE       | SS 304                 | Black |
| <b>19S00181B-6M</b> | VG-SSTG-02-B-6M | 6 m |          |                        | Black |

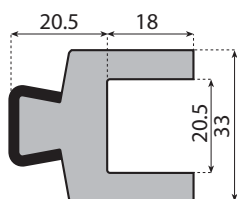


## STANDARD VERSIONS

Weight: 1.3 Kg/m

Packaging: 30 meters

| Code                 |                   |     |          |                        |            |
|----------------------|-------------------|-----|----------|------------------------|------------|
| Standard version     | Ref.              | L   | Material | Metal profile material |            |
| <b>19S00182NS-3M</b> | VG-SSUT-1.00-S-3M | 3 m | Nolu-S   | SS 304                 | Light Grey |

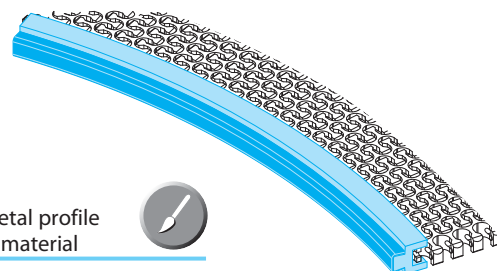


## STANDARD VERSIONS

Weight: 1.5 Kg/m

Packaging: 30 meters

| Code                 |                   |     |          |                        |            |
|----------------------|-------------------|-----|----------|------------------------|------------|
| Standard version     | Ref.              | L   | Material | Metal profile material |            |
| <b>19S00183NS-3M</b> | VG-SSUT-1.30-S-3M | 3 m | Nolu-S   | SS 304                 | Light Grey |



 Preferred type, readily available (codes marked in red)

## POLYGLIDE™

### Guide rail for use with plastics such as PET and polypropylene.

PolyGlide™ rail is designed to be an economical solution to guiding plastic containers, cartons, and conveyor belting. PolyGlide™ is constructed using 304 stainless steel as the guide contact surface and can be used with all standard Valu Guide rail clips and clamps.

### PolyGlide reduces static buildup.

Plastic packaging and PET bottles can generate high levels of static buildup as they travel along a conveyor. PolyGlide provides static buildup with a pathway to the surrounding conveyor frame where it can dissipate. Conveyor frame may need to be grounded.

### PolyGlide can be used in higher operating temperatures.

PolyGlide can withstand harsh environments such as: Steam chambers, furnace discharge, steam boxes, shrink tunnels, pasteurizers, hot fill area, ovens, cookers, fryers.



AISI 304  
Stainless steel



Saves time  
and money



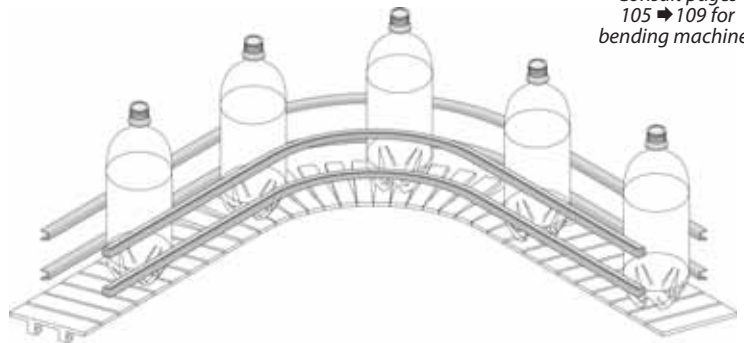
For use in high  
temperatures



Static charge  
reducing  
capability

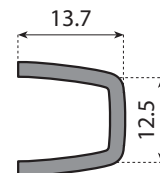


Consult pages  
105 ➔ 109 for  
bending machines

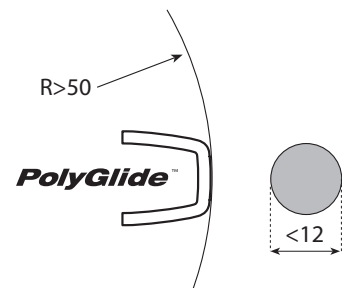
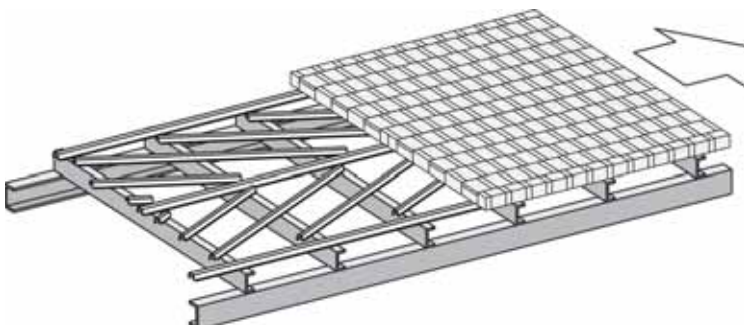


POLYGLIDE PROFILE

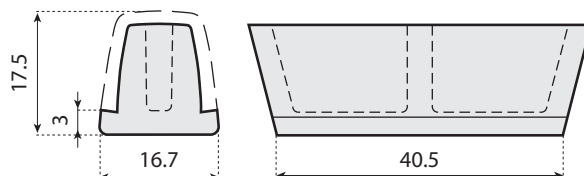
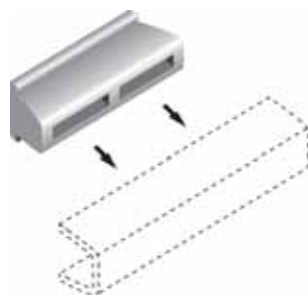
| Code               | Ref.      |  |  |  |
|--------------------|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>19S00008-3M</b> | VG-SPM-3M | 3 m                                                                                 | 30 m                                                                                | SS 304                                                                               |
| <b>19S00008-6M</b> | VG-SPM-6M | 6 m                                                                                 | 60 m                                                                                |                                                                                      |



The design of the stainless steel profile, used in the Valu Guide combines the strength of a round solid bar with a diameter of more than 12mm with a smoothly curved sliding surface with a radius of over 50mm.

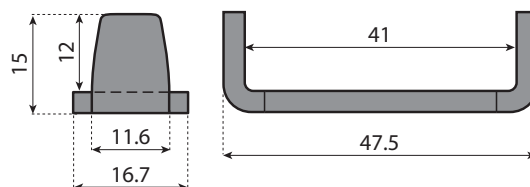
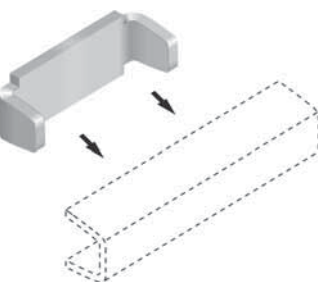


 Preferred type, readily available (codes marked in red)



| Code            | Ref.      |       | Material |
|-----------------|-----------|-------|----------|
| <b>13S00092</b> | VG-PMI-25 | n° 20 | TPE      |

POLYGLIDE PROFILE



| Code            | Ref.      |       | Material |
|-----------------|-----------|-------|----------|
| <b>13S00093</b> | VG-PMI-30 | n° 20 | SS 304   |

POLYGLIDE PROFILE



AISI 304  
Stainless steel



Saves time  
and money



For use in high  
temperatures



Static charge  
reducing  
capability



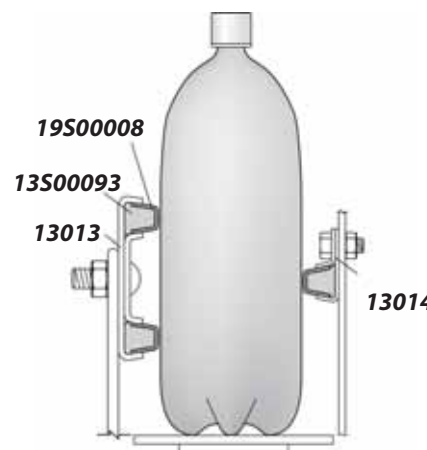
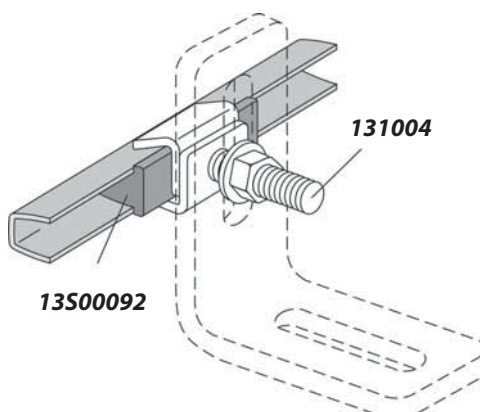
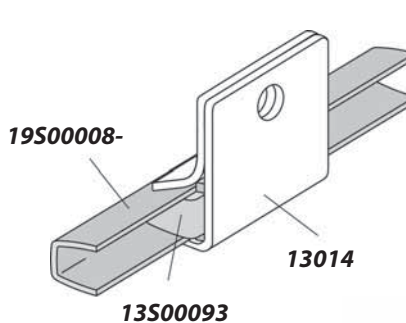
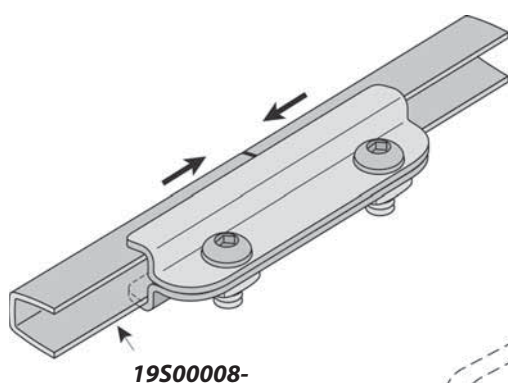
Thermoplastic  
elastomers



Accessories



Par. # 6,105,757  
(USA)



Par. # 6,053,654  
(USA)

# ADJUSTABLE GUIDE RAIL CLAMP

 Preferred type, readily available (codes marked in red)



See page  
142

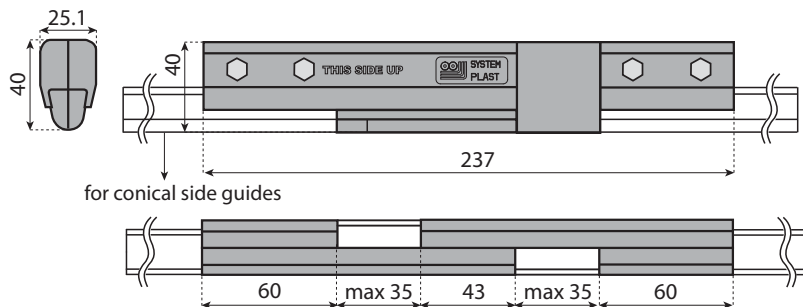


Polyamide

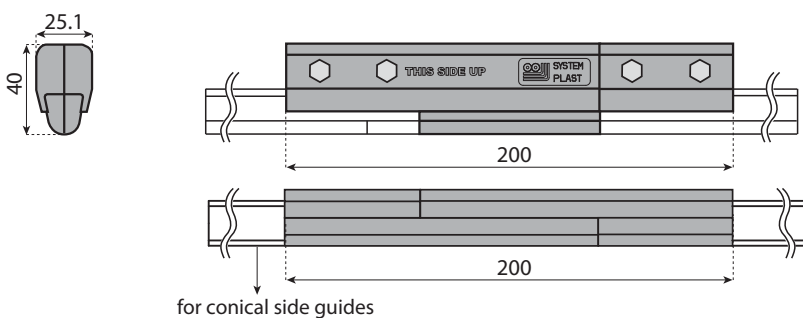


See page  
76

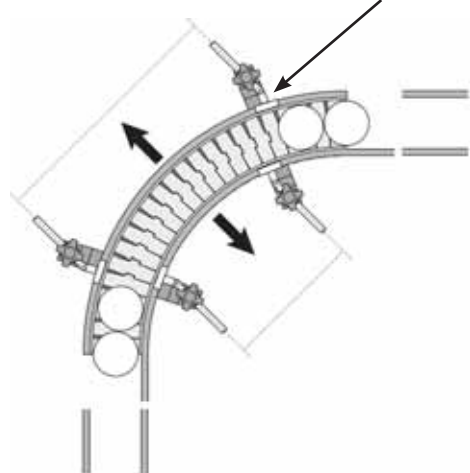
"Open" position



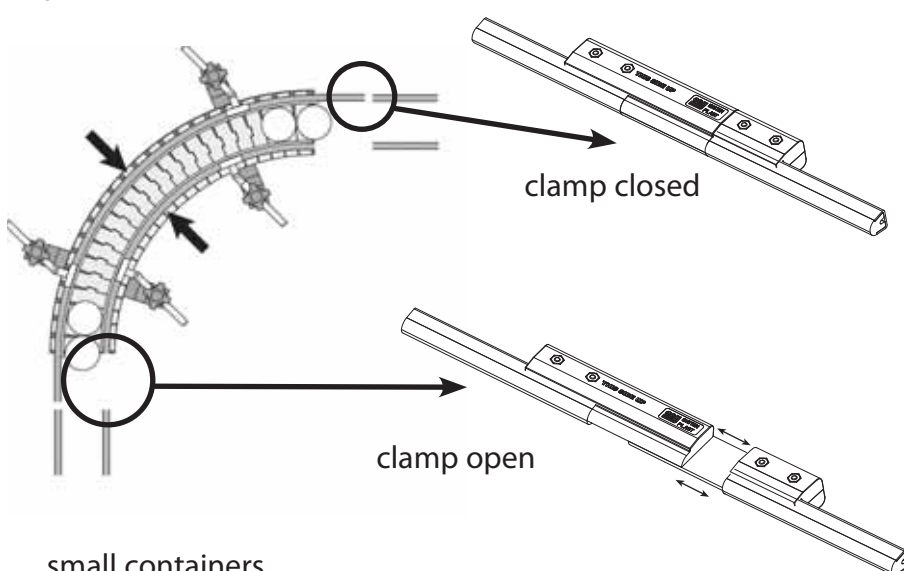
"Closed" position



JOINT ROD ADAPTER (page 142)



large containers



small containers

**Material:** clamp in PA,  
bolts in stainless steel  
nuts in nickel plated brass.  
**Supply:** assembled.

Code

**131170**

For profiles

19019  
19020  
19021  
19022  
19S00145NS  
19S00146



n° 50

## STRAIGHT NECK GUIDE RAILS

 Preferred type, readily available (codes marked in red)



Polyethylene  
UHMW



On request straight  
neck guide rails with  
special dimensions  
can be produced.



For further  
information contact our  
Engineering  
Department

### STRAIGHT NECK GUIDE RAILS

**Material:** Ultra High Molecular Weight Polyethylene to provide minimum friction and reliable long term performance.

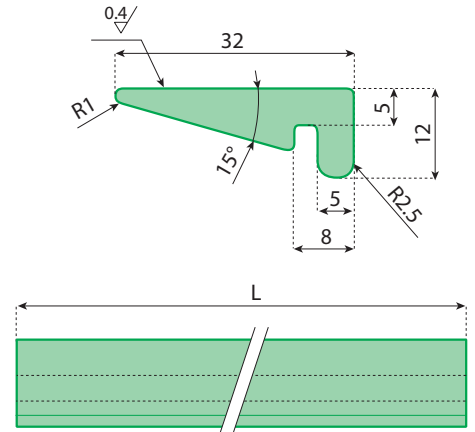
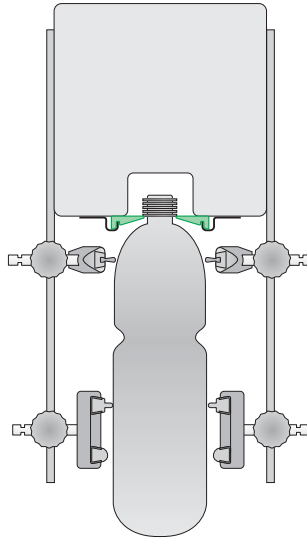
**Note:** max. continuous service temperature in air 90°C. Water absorption coefficient = 0.

**Colour:** green.

**Supply:** 2,52 or 3 meters.

**Packaging:** 10 pieces (25.2 or 30 meters).

**Use:** overhead transport of PET bottles.



| Code          |  |  |  |
|---------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>19460</b>  | 2.52 m                                                                            | 25 m                                                                              | Green                                                                             |
| <b>19460L</b> | 3 m                                                                               | 30 m                                                                              |                                                                                   |

## CORNER NECK GUIDE RAILS

### CORNER NECK GUIDES RAILS

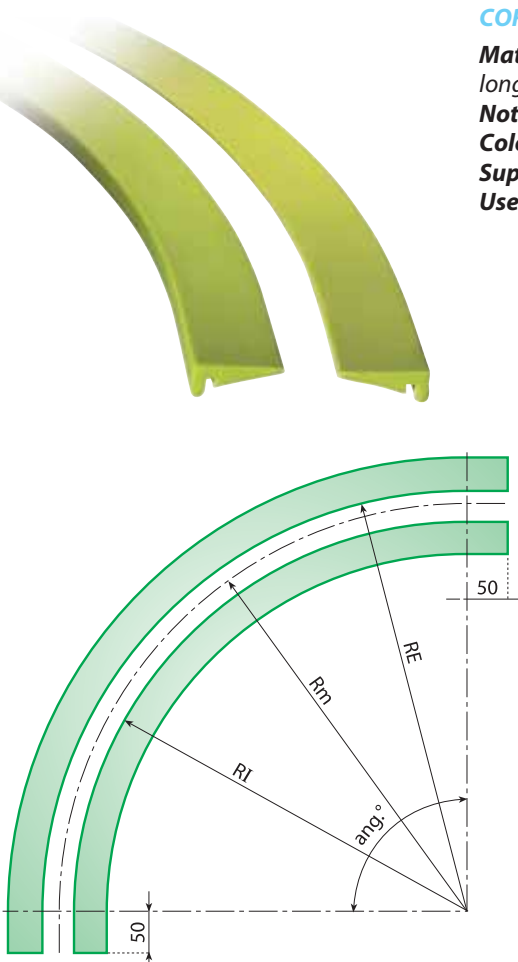
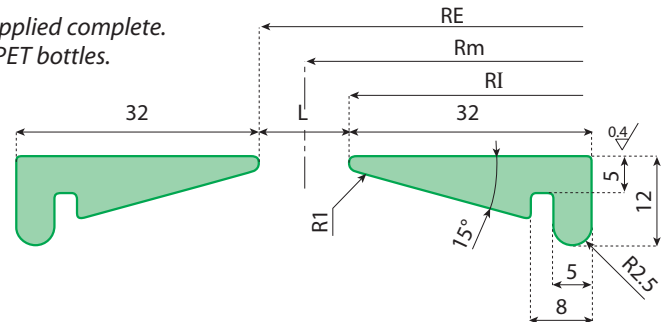
**Material:** Ultra High Molecular Weight Polyethylene to provide minimum friction and reliable long term performance.

**Note:** max. continuous service temperature in air 90°C. Water absorption coefficient = 0.

**Colour:** green.

**Supply:** corner tracks are supplied complete.

**Use:** overhead transport of PET bottles.



| Corner neck guide rails L = 28.5 |         |        |      |        |        |        |        |        |              |  |
|----------------------------------|---------|--------|------|--------|--------|--------|--------|--------|--------------|--|
| Rm                               | RE      | RI     | L    | 15°    | 30°    | 45°    | 60°    | 75°    | 90°          |  |
| 500                              | 514.25  | 486.7  | 28.5 | 190300 | 190301 | 190302 | 190303 | 190304 | <b>19450</b> |  |
| 750                              | 764.25  | 735.75 | 28.5 | 190305 | 190306 | 190307 | 190308 | 190309 | <b>19451</b> |  |
| 1000                             | 1014.25 | 985.75 | 28.5 | 190310 | 190311 | 190312 | 190313 | 190314 | <b>19452</b> |  |
| Corner neck guide rails L = 36   |         |        |      |        |        |        |        |        |              |  |
| Rm                               | RE      | RI     | L    | 15°    | 30°    | 45°    | 60°    | 75°    | 90°          |  |
| 750                              | 768     | 732    | 36   | 190315 | 190316 | 190317 | 190318 | 190319 | 190320       |  |
| 1000                             | 1018    | 982    | 36   | 190321 | 190322 | 190323 | 190324 | 190325 | 190326       |  |
| Corner neck guide rails L = 42   |         |        |      |        |        |        |        |        |              |  |
| Rm                               | RE      | RI     | L    | 15°    | 30°    | 45°    | 60°    | 75°    | 90°          |  |
| 750                              | 771     | 729    | 42   | 190327 | 190328 | 190329 | 190330 | 190331 | 190332       |  |
| 1000                             | 1021    | 979    | 42   | 190333 | 190334 | 190335 | 190336 | 190337 | 190338       |  |

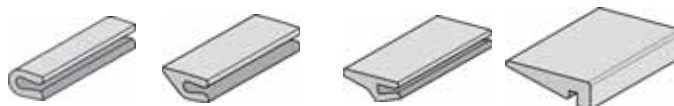
# NECK GUIDES FOR PET CONTAINERS



## NECK GUIDES

Helps guide PET and HDPE containers in high speed, air conveying applications. Nolu-SR is a proprietary alloy of reinforced UHMW and other USDA accepted lubricants, resulting in a harder, lower friction material that is ideal in these applications. Though design differ, the material of choice is Nolu-SR, proven to increase throughput, reduce jams and wear longer.

**Material:** Nolu-SR is a special UHMW with modified molecular structure helps guide PET containers in high speed applications.



Nolu-S

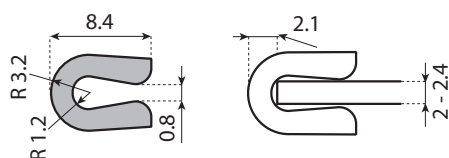


Nolu-SR



Also available in anti-static!

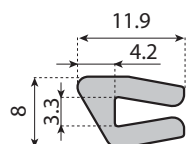
Preferred type, readily available (codes marked in red)



### Code

### Ref.

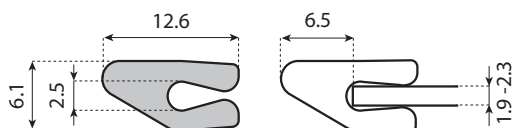
| Code                   | Ref.           |      |      | Material |            |
|------------------------|----------------|------|------|----------|------------|
| <b>19S00036NS-30M</b>  | VG-P105R-30M   | 30 m | 30 m | Nolu-S   | Light Grey |
| <b>19S00036NS-75M</b>  | VG-P105R-75M   | 75 m | 75 m | Nolu-S   | Light Grey |
| <b>19S00036NSR-30M</b> | VG-P105RCL-30M | 30 m | 30 m | Nolu-SR  | Dark Grey  |
| <b>19S00036NSR-75M</b> | VG-P105RCL-75M | 75 m | 75 m | Nolu-SR  | Dark Grey  |



### Code

### Ref.

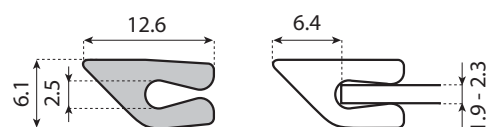
| Code                   | Ref.           |      |      | Material |           |
|------------------------|----------------|------|------|----------|-----------|
| <b>19S00040NSR-30M</b> | VG-NG47-SR-30M | 30 m | 30 m | Nolu-SR  | Dark Grey |
| <b>19S00040NSR-75M</b> | VG-NG47-SR-75M | 75 m | 75 m | Nolu-SR  | Dark Grey |



### Code

### Ref.

| Code                   | Ref.           |      |      | Material |           |
|------------------------|----------------|------|------|----------|-----------|
| <b>19S00041NSR-30M</b> | VG-NG49-SR-30M | 30 m | 30 m | Nolu-SR  | Dark Grey |
| <b>19S00041NSR-75M</b> | VG-NG49-SR-75M | 75 m | 75 m | Nolu-SR  | Dark Grey |



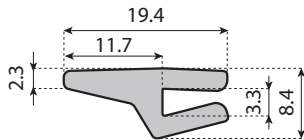
### Code

### Ref.

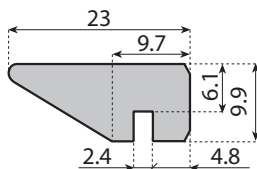
| Code                   | Ref.           |      |      | Material |           |
|------------------------|----------------|------|------|----------|-----------|
| <b>19S00042NSR-30M</b> | VG-NG50-SR-30M | 30 m | 30 m | Nolu-SR  | Dark Grey |
| <b>19S00042NSR-75M</b> | VG-NG50-SR-75M | 75 m | 75 m | Nolu-SR  | Dark Grey |

# NECK GUIDES FOR PET CONTAINERS

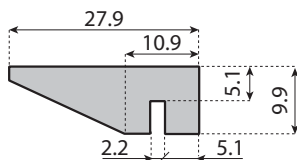
 Preferred type, readily available (codes marked in red)



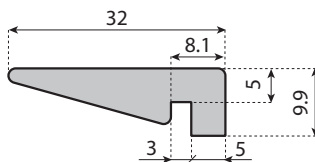
| Code                   | Ref.           |  |  | Material |  |
|------------------------|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>19S00043NSR-75M</b> | VG-NG81-SR-75M | 75 m                                                                                | 75 m                                                                                | Nolu-SR  | Dark Grey                                                                           |



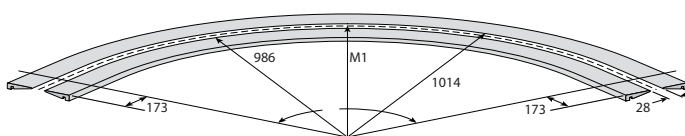
| Code                   | Ref.           |  |  | Material |  |
|------------------------|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>19S00038NSR-30M</b> | VG-NG91-SR-30M | 30 m                                                                                | 30 m                                                                                | Nolu-SR  | Dark Grey                                                                           |



| Code                   | Ref.            |  |  | Material |  |
|------------------------|-----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00039NSR-30M</b> | VG-NG110-SR-30M | 30 m                                                                                  | 30 m                                                                                  | Nolu-SR  | Dark Grey                                                                             |



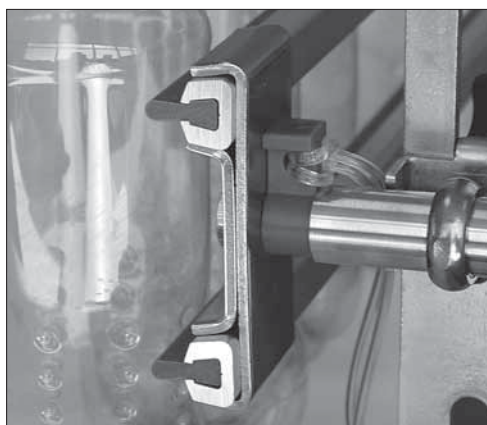
| Code                   | Ref.            |  |  | Material |  |
|------------------------|-----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00037NSR-30M</b> | VG-NG125-SR-30M | 30 m                                                                                  | 30 m                                                                                  | Nolu-SR  | Dark Grey                                                                             |



| Code               | Ref.             |  | Material |  |
|--------------------|------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00044NSR</b> | VG-NG125-SR-1M28 | n°1+1                                                                                 | Nolu-SR  | Dark Grey                                                                             |

NECK GUIDE CURVE

# GUIDES FOR PET BOTTLES

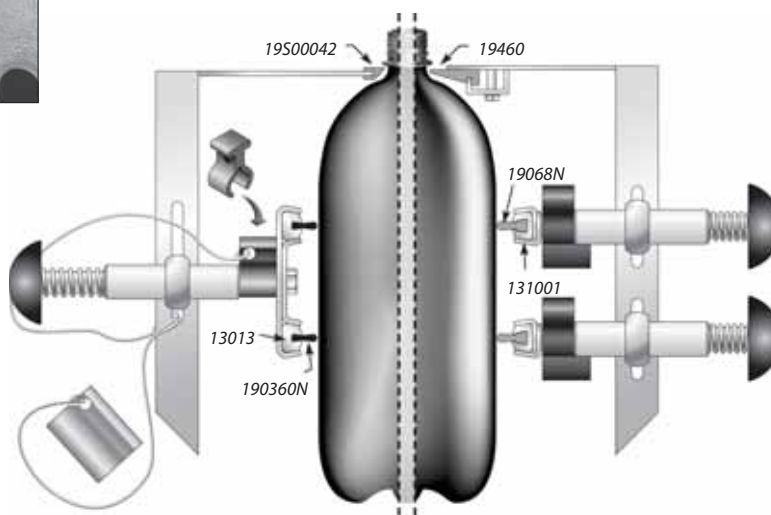


➡ Preferred type, readily available  
(codes marked in red)

Low friction,  
non-marking!  
More sanitary

## GUIDES FOR PET BOTTLES

Aluminum guide rail with Nolu-s insert is used to guide containers, especially PET and HDPE, in application such as air conveying. Many air conveyor users and manufacturers have found that brush guides tend to get contaminated with debris, which causes increased friction and marking of PET bottles. Nolu-S is the perfect combination of extremely low friction in a tough UHMW based material. Nolu-S will not mark bottles while allowing faster speeds and greater throughput.



Nolu-S



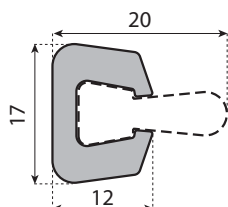
Aluminium



Consult pages  
105 ➡ 109 for  
bending machines

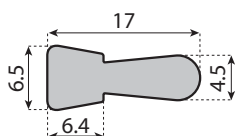


Accessories

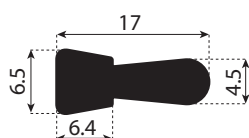


| Code               | Ref.      |     |      | Material |
|--------------------|-----------|-----|------|----------|
| <b>19S00009-3M</b> | VG-ABG-3M | 3 m | 30 m | AL       |
| <b>19S00009-6M</b> | VG-ABG-6M | 6 m | 60 m |          |

Reduced  
Splices!



| Code                  | Ref.           |      |      | Material |            |
|-----------------------|----------------|------|------|----------|------------|
| <b>19S00079NS-30M</b> | VG-PBG7-NS-30M | 30 m | 30 m | Nolu-S   | Light Grey |



| Code                   | Ref.            |      |      | Material             |       |
|------------------------|-----------------|------|------|----------------------|-------|
| <b>19S00079NSD-30M</b> | VG-PBG7-NSD-30M | 30 m | 30 m | Nolu-S<br>antistatic | Black |



Nolu-S  
antistatic

 Preferred type, readily available (codes marked in red)



Nolu-S  
antistatic



Nolu-S



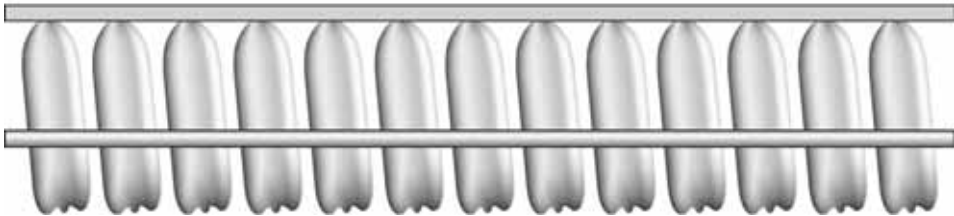
Aluminium



Consult pages  
105 ➔ 109 for  
bending machines

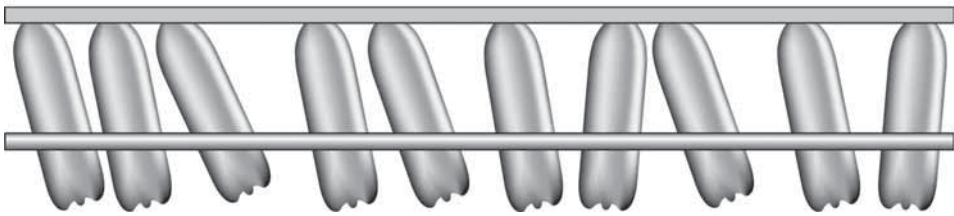


Accessories



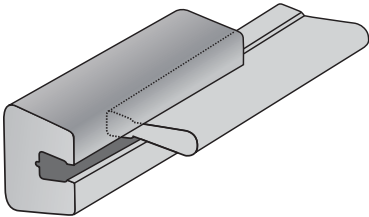
**NOLU-S**

**Nolu-SR** neck guides and **Nolu-S** body guides, with an ultra low coefficient of friction, reduces the degree of bottle tilt and the corresponding wear problems.

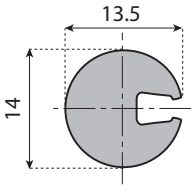


**OTHER GUIDES**

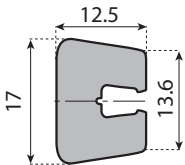
Other guides (especially brushes), when contaminated, can cause irregular tilt and orientation of the bottles, resulting in blockage at curves or inclines.



Low friction,  
non-marking!  
More sanitary

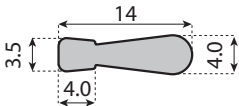


| Code          |  Kg/m |  L |  | Material  |
|---------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|
| <b>190475</b> | 0.50                                                                                     | 3 m                                                                                   | 30 m                                                                                | Aluminium |



| Code          |  Kg/m |  L |  | Material  |
|---------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|
| <b>19094</b>  | 0.50                                                                                     | 3 m                                                                                   | 30 m                                                                                | Aluminium |
| <b>19094L</b> |                                                                                          | 6 m                                                                                   | 60 m                                                                                |           |

Reduced  
Splices!



| Code                   | Ref.            |  |  | Material          |  |
|------------------------|-----------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|
| <b>19500078NS-30M</b>  | VG-PBG5-NS-30M  | 30 m                                                                                | 30 m                                                                                 | Nolu-S            | Light Grey                                                                            |
| <b>19500078NSD-30M</b> | VG-PBG5-NSD-30M |                                                                                     |                                                                                      | Nolu-S antistatic | Black                                                                                 |

 Preferred type, readily available (codes marked in red)

## GUIDE RAILS

### Material:

- Metal profile in anodized aluminium.
- Extruded profile in UHMWPE.

### Characteristics:

- Very low friction coefficient.
- High resistance to chemical agents.

**Notes:** Aluminium profile and plastic profile are supplied assembled.

**Application:** as side guides for air conveyor and standard conveyor.



Polyethylene  
UHMW



Anodized  
aluminium



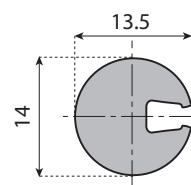
Accessories



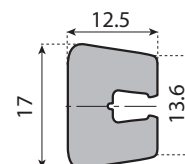
Consult pages  
105 ➔ 109 for  
bending machines



| Code          | Kg/m | L   |      | Material  |
|---------------|------|-----|------|-----------|
| <b>190475</b> | 0.50 | 3 m | 30 m | Aluminium |

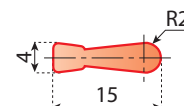


| Code          | Kg/m | L   |      | Material  |
|---------------|------|-----|------|-----------|
| <b>19094</b>  | 0.50 | 3 m | 30 m | Aluminium |
| <b>19094L</b> |      | 6 m | 60 m |           |



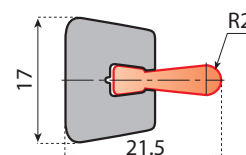
## EXTRUDED PROFILE

| Code           | Kg/m |      |      |                  |
|----------------|------|------|------|------------------|
| <b>19068N</b>  |      |      |      | Black            |
| <b>19068NA</b> |      |      |      | Antistatic Black |
| <b>19068P</b>  | 0.09 | 60 m | 60 m | Yellow           |
| <b>19068</b>   |      |      |      | Orange           |
| <b>19068W</b>  |      |      |      | White            |



## ASSEMBLED GUIDE RAILS

| Code            | Kg/m | L   |      |       |
|-----------------|------|-----|------|-------|
| <b>190360N</b>  | 0.59 | 3 m | 30 m | Black |
| <b>190360NL</b> |      | 6 m |      |       |



Other assemblies of aluminium and extruded profiles can be made on request and for adequate quantities.

 Preferred type, readily available (codes marked in red)



Polyethylene  
UHMW



Brushes



Anodized  
aluminium



Accessories



Consult pages  
105 ➔ 109 for  
bending machines

## GUIDE RAIL

### Material:

- Metal profile in anodized aluminium.
- Brushes profile in natural fibres.

### Characteristics:

- Very low friction coefficient.

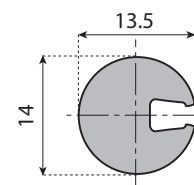
### Supply:

- 3 meter.
- Aluminium profile and brushes profile are supplied assembled.

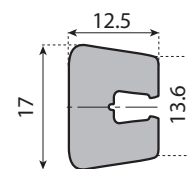
**Application:** as side guides for air conveyor.



| Code          | Kg/m | L   |      | Material  |
|---------------|------|-----|------|-----------|
| <b>190475</b> | 0.50 | 3 m | 30 m | Aluminium |

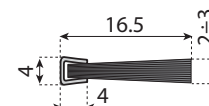


| Code         | Kg/m | L   |      | Material  |
|--------------|------|-----|------|-----------|
| <b>19094</b> | 0.50 | 3 m | 30 m | Aluminium |



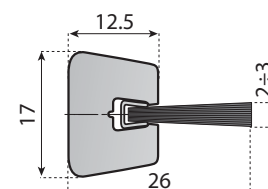
## BRUSHES PROFILE

| Code          | Kg/m | L   |      |
|---------------|------|-----|------|
| <b>190365</b> | 0.09 | 3 m | 30 m |



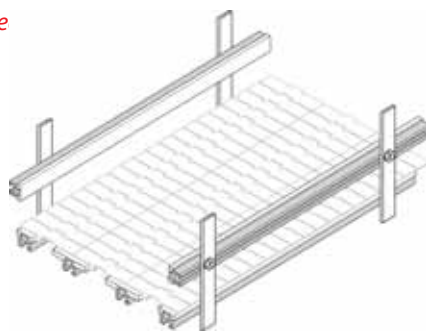
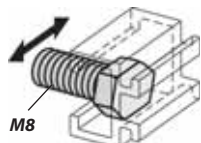
## ASSEMBLED GUIDE RAILS

| Code          | Kg/m | L   |      |
|---------------|------|-----|------|
| <b>190366</b> | 0.59 | 3 m | 30 m |



# ALUMINIUM GUIDE RAIL

 Preferred type, readily available (codes marked with red)



Anodized  
Aluminium



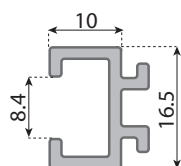
Aluminium



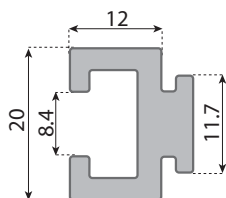
Polyethylene  
UHMW



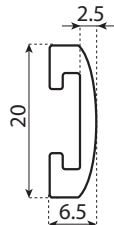
Consult pages  
105 → 109 for  
bending machines



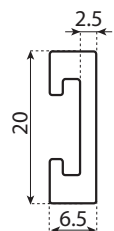
| Code               | Ref.       |  |  | Material |  |
|--------------------|------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>19S00210-3M</b> | VG-A225-3M | 3 m                                                                                | 30 m                                                                                | Al       | -                                                                                   |
| <b>19S00210-6M</b> | VG-A225-6M |                                                                                    |                                                                                     |          |                                                                                     |



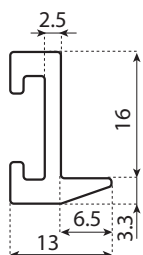
| Code               | Ref.        |  |  | Material |  |
|--------------------|-------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>19S00216-3M</b> | VG-A600-3M  | 3 m                                                                                | 30 m                                                                                | Al       | -                                                                                   |
| <b>19S00216-6M</b> | VG-A600-6M  | 6 m                                                                                | 60 m                                                                                | Al       |                                                                                     |
| <b>19S00212-3M</b> | VG-A600A-3M | 3 m                                                                                | 30 m                                                                                | Al-a     |                                                                                     |
| <b>19S00212-6M</b> | VG-A600A-6M | 6 m                                                                                | 60 m                                                                                | Al-a     |                                                                                     |



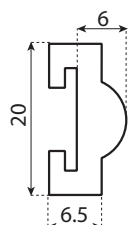
| Code                | Ref.        |  |  |  | Material |  |
|---------------------|-------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00025-3M</b>  | VG-P813-3M  | 3 m                                                                                  | -                                                                                     | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00025-6M</b>  | VG-P813-6M  | 6 m                                                                                  | -                                                                                     | 60 m                                                                                  |          |                                                                                       |
| <b>19S00025-30M</b> | VG-P813-30M | -                                                                                    | 30 m                                                                                  | 30 m                                                                                  |          |                                                                                       |



| Code                | Ref.         |  |  |  | Material |  |
|---------------------|--------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00026-3M</b>  | VG-P813F-3M  | 3 m                                                                                  | -                                                                                     | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00026-6M</b>  | VG-P813F-6M  | 6 m                                                                                  | -                                                                                     | 60 m                                                                                  |          |                                                                                       |
| <b>19S00026-30M</b> | VG-P813F-30M | -                                                                                    | 30 m                                                                                  | 30 m                                                                                  |          |                                                                                       |

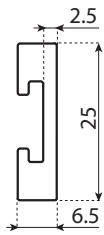


| Code               | Ref.        |  |  | Material |  |
|--------------------|-------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00032-3M</b> | VG-P0808-3M | 3 m                                                                                  | 30 m                                                                                  | PE       | White                                                                                 |

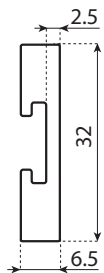


| Code               | Ref.       |  |  | Material |  |
|--------------------|------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00033-3M</b> | VG-P611-3M | 3 m                                                                                  | 30 m                                                                                  | PE       | White                                                                                 |

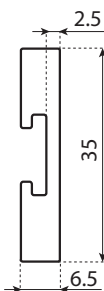
 Preferred type, readily available (codes marked in red)



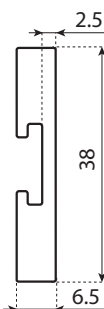
| Code               | Ref.        |  |  | Material |  |
|--------------------|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>19S00034-3M</b> | VG-P816F-3M | 3 m                                                                                 | 30 m                                                                                | PE       | White                                                                               |
| <b>19S00034-6M</b> | VG-P816F-6M | 6 m                                                                                 | 60 m                                                                                |          |                                                                                     |



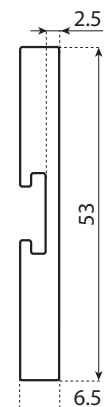
| Code               | Ref.        |  |  | Material |  |
|--------------------|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>19S00031-3M</b> | VG-P820F-3M | 3 m                                                                                 | 30 m                                                                                | PE       | White                                                                               |
| <b>19S00031-6M</b> | VG-P820F-6M | 6 m                                                                                 | 60 m                                                                                |          |                                                                                     |



| Code               | Ref.        |  |  | Material |  |
|--------------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00027-3M</b> | VG-P822F-3M | 3 m                                                                                   | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00027-6M</b> | VG-P822F-6M | 6 m                                                                                   | 60 m                                                                                  |          |                                                                                       |



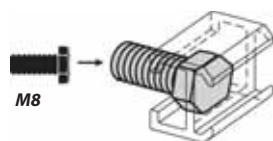
| Code               | Ref.        |  |  | Material |  |
|--------------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00022-3M</b> | VG-P824F-3M | 3 m                                                                                   | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00022-6M</b> | VG-P824F-6M | 6 m                                                                                   | 60 m                                                                                  |          |                                                                                       |



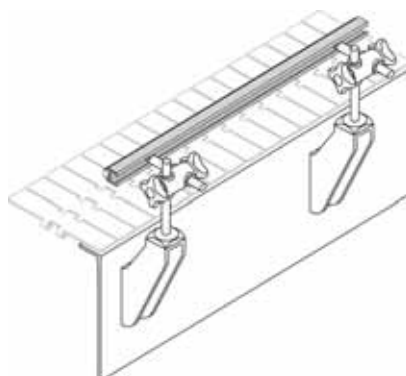
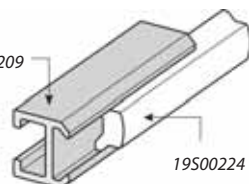
| Code               | Ref.        |  |  | Material |  |
|--------------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00028-3M</b> | VG-P834F-3M | 3 m                                                                                   | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00028-6M</b> | VG-P834F-6M | 6 m                                                                                   | 60 m                                                                                  |          |                                                                                       |

# ALUMINIUM GUIDE RAIL

 Preferred type, readily available (codes marked in red)



19S00209



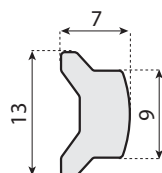
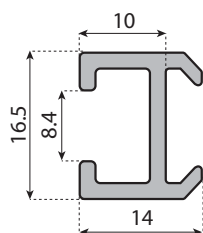
Aluminium



Polyethylene UHMW

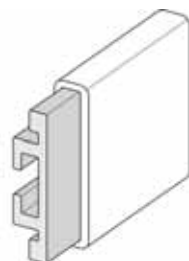


Consult pages 105 ➔ 109 for bending machines

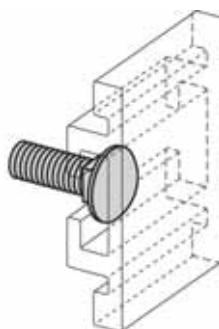


| Code               | Ref.       |  |  | Material |  |
|--------------------|------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>19S00209-3M</b> | VG-A350-3M | 3 m                                                                                | 30 m                                                                                | AL       | -                                                                                   |
| <b>19S00209-6M</b> | VG-A350-6M | 6 m                                                                                | 60 m                                                                                | AL       | -                                                                                   |

| Code               | Ref.       |  |  | Material |  |
|--------------------|------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------|
| <b>19S00224-3M</b> | VG-P350-3M | 3 m                                                                                 | 30 m                                                                                 | PE       | White                                                                                |
| <b>19S00224-6M</b> | VG-P350-6M | 6 m                                                                                 | 60 m                                                                                 | PE       | White                                                                                |



M8



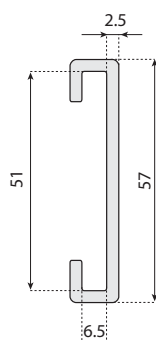
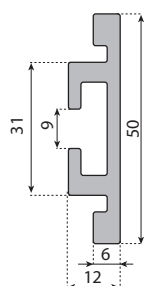
Aluminium



Polyethylene UHMW



Consult pages 105 ➔ 109 for bending machines



| Code               | Ref.        |  |  | Material |  |
|--------------------|-------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00211-3M</b> | VG-A2520-3M | 3 m                                                                                  | 30 m                                                                                  | AL       | -                                                                                     |
| <b>19S00211-6M</b> | VG-A2520-6M | 6 m                                                                                  | 60 m                                                                                  | AL       | -                                                                                     |

| Code               | Ref.          |  |  | Material |  |
|--------------------|---------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>19S00226-3M</b> | VG-P2520BC-3M | 3 m                                                                                  | 30 m                                                                                  | PE       | White                                                                                 |
| <b>19S00226-6M</b> | VG-P2520BC-6M | 6 m                                                                                  | 60 m                                                                                  | PE       | White                                                                                 |

 Preferred type, readily available (codes marked in red)

## STANDARD GUIDE RAILS

### Material:

- Metal profile, see the table.
- Plastic profile in UHMWPE.

### Characteristics:

- Very low friction coefficient.
- Moderate resistance to chemical agents.
- No liquid absorption.

### Supply:

- 3 or 6 meters.



AISI 304  
Stainless steel



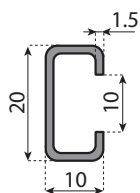
Polyethylene  
UHMW



Accessories

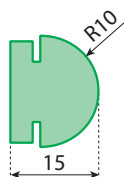


Zinc plated steel



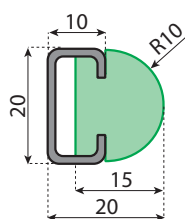
METAL PROFILE

| Code          |  |  |  | Material          |
|---------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------|
| <b>16450</b>  | 0.40                                                                               | 3 m                                                                                | 30 m                                                                                | S/S AISI 304      |
| <b>16450L</b> |                                                                                    | 6 m                                                                                |                                                                                     |                   |
| <b>16449</b>  | 0.40                                                                               | 3 m                                                                                | 30 m                                                                                | Zinc plated steel |
| <b>16449L</b> |                                                                                    | 6 m                                                                                |                                                                                     |                   |



EXTRUDED PROFILE

| Code          |  |  |  |  |
|---------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>19083</b>  | 0.28                                                                                | 3 m                                                                                  | 30 m                                                                                  | Green                                                                                 |
| <b>19083L</b> |                                                                                     | 6 m                                                                                  |                                                                                       |                                                                                       |
| <b>19084</b>  | 0.28                                                                                | 3 m                                                                                  | 30 m                                                                                  | Black                                                                                 |
| <b>19084L</b> |                                                                                     | 6 m                                                                                  |                                                                                       |                                                                                       |

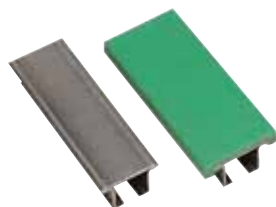


## STANDARD GUIDE RAILS

**Notes:** the metal profile and plastic profile are supplied assembled.

| Code          |  |  | Metal profile material |  |
|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------|
| <b>19035</b>  | 3 m                                                                                 | 30 m                                                                                | S/S 304                | Green                                                                                 |
| <b>19035L</b> | 6 m                                                                                 |                                                                                     |                        | Green                                                                                 |
| <b>19036</b>  | 3 m                                                                                 |                                                                                     |                        | Black                                                                                 |
| <b>19036L</b> | 6 m                                                                                 |                                                                                     |                        | Black                                                                                 |
| <b>19046</b>  | 3 m                                                                                 | 30 m                                                                                | Zinc plated steel      | Green                                                                                 |
| <b>19046L</b> | 6 m                                                                                 |                                                                                     |                        | Green                                                                                 |
| <b>19047</b>  | 3 m                                                                                 |                                                                                     |                        | Black                                                                                 |
| <b>19047L</b> | 6 m                                                                                 |                                                                                     |                        | Black                                                                                 |

 Preferred type, readily available (codes marked in red)



## GUIDE RAILS

### Material:

- Metal profile, see the table.
- Plastic profile in UHMWPE.

### Characteristics:

- Very low friction coefficient.
- High resistance to chemical agents.
- No liquid absorption.

### Supply:

- 3 or 6 meters.
- Steel profile and plastic profile are supplied assembled.



Polyethylene  
UHMW



Polyethylene  
antistatic  
UHMW



AISI 304  
Stainless steel



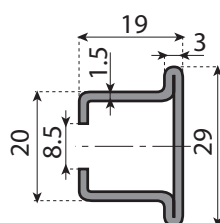
AISI 430  
Stainless steel



Accessories



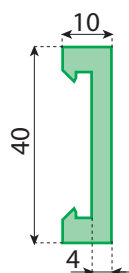
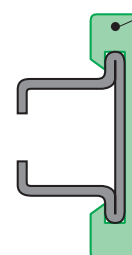
Consult pages  
105 ➔ 109 for  
bending machines



## METAL PROFILE

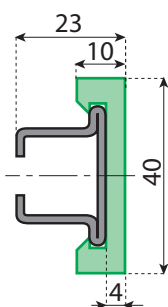
| Code           | Kg/m | L   | Material |
|----------------|------|-----|----------|
| <b>19048C</b>  | 0.90 | 3 m | S/S 304  |
| <b>19048</b>   |      | 6 m |          |
| <b>19048KC</b> | 0.90 | 3 m | S/S 430  |
| <b>19048K</b>  |      | 6 m |          |

These profiles are applicable  
to code 19048 - 19048C  
cod. **19070 - 19071**



## EXTRUDED PROFILE

| Code            | Kg/m | L   | Material | Material |
|-----------------|------|-----|----------|----------|
| <b>19071C</b>   |      | 3 m | PE       | Black    |
| <b>19071</b>    |      | 6 m | PE       | Black    |
| <b>19071NS</b>  |      | 6 m | Nolu-S   | Grey     |
| <b>19070C</b>   |      | 3 m | PE       | Green    |
| <b>19070</b>    | 0.20 | 6 m | PE       | Green    |
| <b>19070BC</b>  |      | 3 m | PE       | White    |
| <b>19070B</b>   |      | 6 m | PE       | White    |
| <b>19071ASC</b> |      | 3 m | PE-a     | Black    |
| <b>19071AS</b>  |      | 6 m | PE-a     | Black    |



## GUIDE RAILS

**Notes:** the steel profile and wear  
strip are supplied assembled.

| Code             | Kg/m | L   | Plastic<br>profile material | Metal<br>profile material | Material |
|------------------|------|-----|-----------------------------|---------------------------|----------|
| <b>19063NC</b>   |      | 3 m | PE                          |                           | Black    |
| <b>19063N</b>    |      | 6 m | PE                          |                           | Black    |
| <b>19063VC</b>   |      | 3 m | PE                          |                           | Green    |
| <b>19063V</b>    | 1.10 | 6 m | PE                          |                           | Green    |
| <b>19063BC</b>   |      | 3 m | PE                          | S/S 304                   | White    |
| <b>19063B</b>    |      | 6 m | PE                          |                           | White    |
| <b>19063ASC</b>  |      | 3 m | PE-a                        |                           | Black    |
| <b>19063AS</b>   |      | 6 m | PE-a                        |                           | Black    |
| <b>19063KNC</b>  |      | 3 m | PE                          |                           | Black    |
| <b>19063KN</b>   |      | 6 m | PE                          |                           | Black    |
| <b>19063KVC</b>  |      | 3 m | PE                          |                           | Green    |
| <b>19063KV</b>   | 1.10 | 6 m | PE                          | S/S 430                   | Green    |
| <b>19063KBC</b>  |      | 3 m | PE                          |                           | White    |
| <b>19063KB</b>   |      | 6 m | PE                          |                           | White    |
| <b>19063KASC</b> |      | 3 m | PE-a                        |                           | Black    |
| <b>19063KAS</b>  |      | 6 m | PE-a                        |                           | Black    |

 Preferred type, readily available (codes marked in red)

## GUIDE RAILS

### Material:

- Metal profile in anodized aluminium.
- Plastic profile in UHMWPE.

### Characteristics:

- Very low friction coefficient.
- High resistance to chemical agents.
- No liquid absorption.

### Supply:

- 3 or 6 meters.
- Metal profile and guide rails are supplied assembled.



Polyethylene  
UHMW



Polyethylene  
antistatic  
UHMW



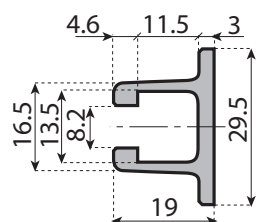
Anodized aluminium



Accessories



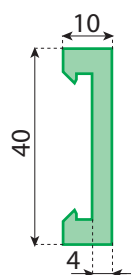
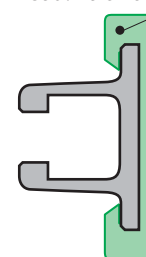
Consult pages  
105 - 109 for  
bending machines



ALUMINIUM PROFILE

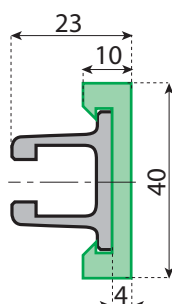
| Code   | Kg/m | L   |      | Material |
|--------|------|-----|------|----------|
| 19097L | 0.50 | 3 m | 30 m | Al-a     |
| 19097  |      | 6 m |      |          |

These profiles are applicable  
to code 19097 - 19097L  
cod. 19070 - 19071



EXTRUDED PROFILE

| Code     | Kg/m | L   |      | Material |       |
|----------|------|-----|------|----------|-------|
| 19071C   |      | 3 m |      | PE       | Black |
| 19071    |      | 6 m |      | PE       | Black |
| 19071NS  |      | 6 m |      | Nolu-S   | Grey  |
| 19070C   |      | 3 m |      | PE       | Green |
| 19070    | 0.20 | 6 m | 30 m | PE       | Green |
| 19070BC  |      | 3 m |      | PE       | White |
| 19070B   |      | 6 m |      | PE       | White |
| 19071ASC |      | 3 m |      | PE-a     | Black |
| 19071AS  |      | 6 m |      | PE-a     | Black |



## GUIDE RAILS

**Supply:** 3 or 6 meters.

**Packaging:** 30 meters.

**Notes:** the aluminium profile and guide rails are supplied assembled.

| Code     | Kg/m | L   |      | Plastic<br>profile material | Metal<br>profile material |       |
|----------|------|-----|------|-----------------------------|---------------------------|-------|
| 19098N   |      | 3 m |      | PE                          |                           | Black |
| 19098NL  |      | 6 m |      | PE                          |                           | Black |
| 19098V   |      | 3 m |      | PE                          |                           | Green |
| 19098VL  | 0.70 | 6 m | 30 m | PE                          | AL-a                      | Green |
| 19098B   |      | 3 m |      | PE                          |                           | White |
| 19098BL  |      | 6 m |      | PE                          |                           | White |
| 19098AS  |      | 3 m |      | PE-a                        |                           | Black |
| 19098ASL |      | 6 m |      | PE-a                        |                           | Black |

 Preferred type, readily available (codes marked in red)



Accessories



Consult pages  
105 ➔ 109 for  
bending machines

## GUIDE RAILS (Flat type)

### Material:

- Polyethylene PE 500.000.

### Characteristics:

- They can be bent or calendered by means of usual systems or using bending machines code 19037 or 19044.
- Coefficient of linear expansion:  $2.5 \times 10^{-4}$ .
- Temperature range for continuous use in air:  $-35^{\circ}\text{C} \div +70^{\circ}\text{C}$ .
- Min. bending radius: 200 mm.

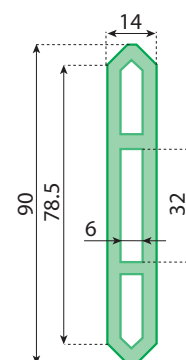
**Notes:** when sealing the ends a 2 mm space must be left between the silicone and the end of the bar to compensate for linear contraction of the guide rail at low temperatures.



### FLAT GUIDE

**Characteristics:** To use this guide, a 30x5 mm steel bar should be inserted

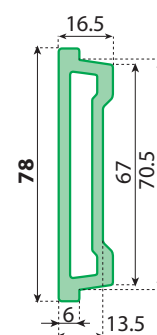
| Code          |  |  |  | Material      |  |
|---------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------|
| <b>19098L</b> | 0.60                                                                              | 3 m                                                                               | 30 m                                                                              | PE<br>500.000 | Green                                                                               |
| <b>19098</b>  |                                                                                   | 6 m                                                                               |                                                                                   |               |                                                                                     |



### SIDE GUIDE

**Characteristics:** To use this guide, a 60x6 mm steel bar or double M-Profile should be inserted.

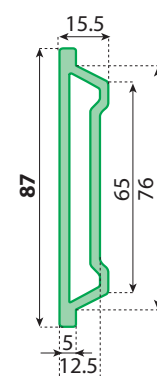
| Code           |  |  |  | Material      |  |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------|
| <b>19082L</b>  | 0.60                                                                                | 3 m                                                                                 | 30 m                                                                                | PE<br>500.000 | Black                                                                                 |
| <b>19082</b>   |                                                                                     | 6 m                                                                                 |                                                                                     |               | Black                                                                                 |
| <b>19082BL</b> |                                                                                     | 3 m                                                                                 |                                                                                     |               | Light blue                                                                            |
| <b>19082B</b>  |                                                                                     | 6 m                                                                                 |                                                                                     |               | Light blue                                                                            |
| <b>19082VL</b> |                                                                                     | 3 m                                                                                 |                                                                                     |               | Green                                                                                 |
| <b>19082V</b>  |                                                                                     | 6 m                                                                                 |                                                                                     |               | Green                                                                                 |



### SIDE GUIDE

**Characteristics:** To use this guide, a 60x6 mm steel bar or double M-Profile should be inserted.

| Code           |  |  |  | Material      |  |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------|
| <b>19050L</b>  | 0.60                                                                                | 3 m                                                                                 | 30 m                                                                                | PE<br>500.000 | Black                                                                                 |
| <b>19050</b>   |                                                                                     | 6 m                                                                                 |                                                                                     |               | Black                                                                                 |
| <b>19050AL</b> |                                                                                     | 3 m                                                                                 |                                                                                     |               | Light blue                                                                            |
| <b>19050A</b>  |                                                                                     | 6 m                                                                                 |                                                                                     |               | Light blue                                                                            |
| <b>19050VL</b> |                                                                                     | 3 m                                                                                 |                                                                                     |               | Green                                                                                 |
| <b>19050V</b>  |                                                                                     | 6 m                                                                                 |                                                                                     |               | Green                                                                                 |



 Preferred type, readily available (codes marked in red)

## GUIDE RAILS

### Material:

Extruded ultra high molecular weight polyethylene.  
Max. continuous service temperature in air 90°C.  
Water absorption coefficient = 0.



Consult pages  
105 ➔ 109 for  
bending machines



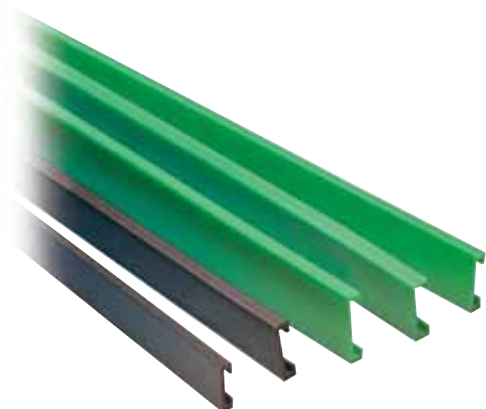
Polyethylene  
UHMW



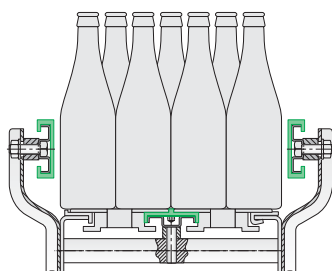
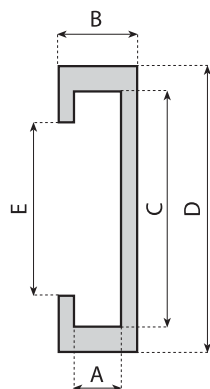
Accessories



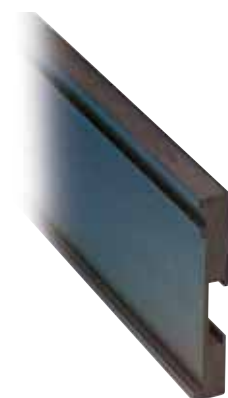
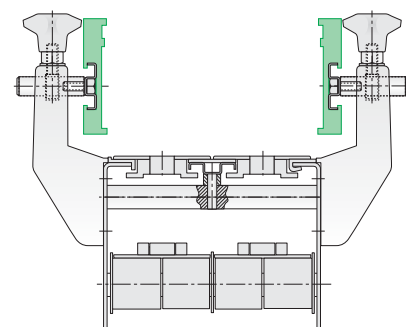
Nolu-S



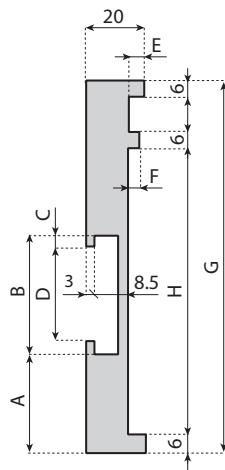
## SIDE GUIDES



| Code           | A    | B  | C    | D  | E    |  |  |  | Material |  |
|----------------|------|----|------|----|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>19054N</b>  |      |    |      |    |      |                                                                                     | 3 m                                                                                 |                                                                                     | PE       | Black                                                                               |
| <b>19054NL</b> | 3.5  | 10 | 30.5 | 40 | 20   | 0.20                                                                                | 6 m                                                                                 | 30 m                                                                                | PE       | Black                                                                               |
| <b>19054V</b>  |      |    |      |    |      |                                                                                     | 3 m                                                                                 |                                                                                     | PE       | Green                                                                               |
| <b>19054VL</b> |      |    |      |    |      |                                                                                     | 6 m                                                                                 |                                                                                     | PE       | Green                                                                               |
| <b>19080N</b>  |      |    |      |    |      |                                                                                     | 3 m                                                                                 |                                                                                     | PE       | Black                                                                               |
| <b>19080NL</b> | 6.5  | 12 | 41   | 50 | 30   | 0.23                                                                                | 6 m                                                                                 | 30 m                                                                                | PE       | Black                                                                               |
| <b>19080V</b>  |      |    |      |    |      |                                                                                     | 3 m                                                                                 |                                                                                     | PE       | Green                                                                               |
| <b>19080VL</b> |      |    |      |    |      |                                                                                     | 6 m                                                                                 |                                                                                     | PE       | Green                                                                               |
| <b>19053N</b>  |      |    |      |    |      |                                                                                     | 3 m                                                                                 |                                                                                     | PE       | Black                                                                               |
| <b>19053NL</b> | 8.5  | 14 | 41   | 50 | 27.5 | 0.25                                                                                | 6 m                                                                                 | 30 m                                                                                | PE       | Black                                                                               |
| <b>19053V</b>  |      |    |      |    |      |                                                                                     | 3 m                                                                                 |                                                                                     | PE       | Green                                                                               |
| <b>19053VL</b> |      |    |      |    |      |                                                                                     | 6 m                                                                                 |                                                                                     | PE       | Green                                                                               |
| <b>19081N</b>  |      |    |      |    |      |                                                                                     | 3 m                                                                                 |                                                                                     | PE       | Black                                                                               |
| <b>19081NL</b> | 10.5 | 16 | 41   | 50 | 35   | 0.27                                                                                | 6 m                                                                                 | 30 m                                                                                | PE       | Black                                                                               |
| <b>19081V</b>  |      |    |      |    |      |                                                                                     | 3 m                                                                                 |                                                                                     | PE       | Green                                                                               |
| <b>19081VL</b> |      |    |      |    |      |                                                                                     | 6 m                                                                                 |                                                                                     | PE       | Green                                                                               |
| <b>19052N</b>  |      |    |      |    |      |                                                                                     | 3 m                                                                                 |                                                                                     | PE       | Black                                                                               |
| <b>19052NL</b> | 6.5  | 12 | 51   | 60 | 36   | 0.27                                                                                | 6 m                                                                                 | 30 m                                                                                | PE       | Black                                                                               |
| <b>19052V</b>  |      |    |      |    |      |                                                                                     | 3 m                                                                                 |                                                                                     | PE       | Green                                                                               |
| <b>19052VL</b> |      |    |      |    |      |                                                                                     | 6 m                                                                                 |                                                                                     | PE       | Green                                                                               |
| <b>19052NS</b> |      |    |      |    |      |                                                                                     | 6 m                                                                                 |                                                                                     | Nolu-S   | Grey                                                                                |
| <b>19092N</b>  |      |    |      |    |      |                                                                                     | 3 m                                                                                 |                                                                                     | PE       | Black                                                                               |
| <b>19092NL</b> | 6    | 14 | 82   | 90 | 61.5 | 0.33                                                                                | 6 m                                                                                 | 30 m                                                                                | PE       | Black                                                                               |
| <b>19092V</b>  |      |    |      |    |      |                                                                                     | 3 m                                                                                 |                                                                                     | PE       | Green                                                                               |
| <b>19092VL</b> |      |    |      |    |      |                                                                                     | 6 m                                                                                 |                                                                                     | PE       | Green                                                                               |



## SIDE GUIDE FOR LABELLING BOTTLE



| Code          | A  | B  | C   | D  | E | F   | G   | H   |  |  |  |
|---------------|----|----|-----|----|---|-----|-----|-----|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>19085N</b> | 35 | 41 | 5.5 | 30 | 4 | 2   | 105 | 68  | 2 m                                                                                   | 30 m                                                                                  | Black                                                                                 |
| <b>19085V</b> |    |    |     |    |   |     |     |     |                                                                                       |                                                                                       | Green                                                                                 |
| <b>19086N</b> | 35 | 41 | 5.5 | 30 | 4 | 2   | 110 | 73  | 2 m                                                                                   | 30 m                                                                                  | Black                                                                                 |
| <b>19086V</b> |    |    |     |    |   |     |     |     |                                                                                       |                                                                                       | Green                                                                                 |
| <b>19087N</b> | 35 | 41 | 5.5 | 30 | 4 | 2   | 115 | 80  | 2 m                                                                                   | 30 m                                                                                  | Black                                                                                 |
| <b>19087V</b> |    |    |     |    |   |     |     |     |                                                                                       |                                                                                       | Green                                                                                 |
| <b>19088N</b> | 35 | 41 | 5.5 | 30 | 4 | 2   | 117 | 75  | 2 m                                                                                   | 30 m                                                                                  | Black                                                                                 |
| <b>19088V</b> |    |    |     |    |   |     |     |     |                                                                                       |                                                                                       | Green                                                                                 |
| <b>19089N</b> | 35 | 41 | 4.5 | 32 | 5 | 3.5 | 130 | 100 | 2 m                                                                                   | 30 m                                                                                  | Black                                                                                 |
| <b>19089V</b> |    |    |     |    |   |     |     |     |                                                                                       |                                                                                       | Green                                                                                 |

 Preferred type, readily available (codes marked in red)



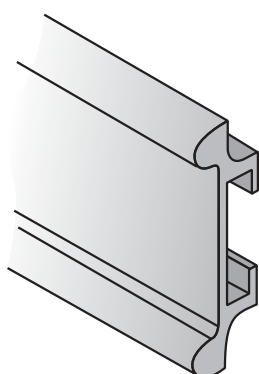
## GUIDE RAILS

### Material:

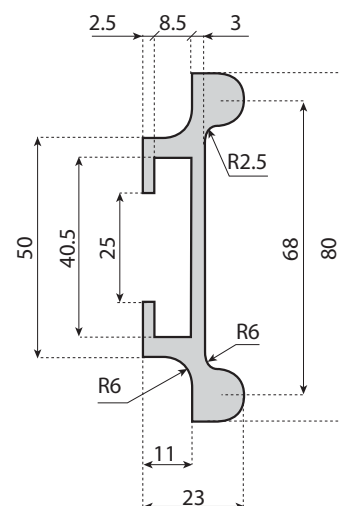
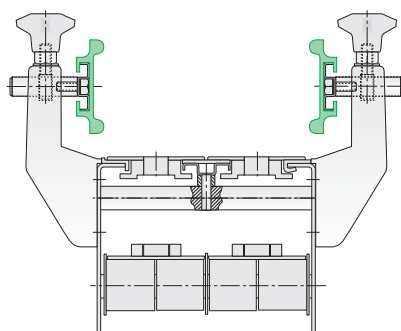
Extruded ultra high molecular weight polyethylene.

Max. continuous service temperature in air 90° C.

Water absorption coefficient = 0.



SIDE GUIDE



### Code

**19090**  
**19090V**



0.55



3 m



30 m



Black  
Green



SIDE GUIDE

### Code

**19051**  
**19051V**



0.72



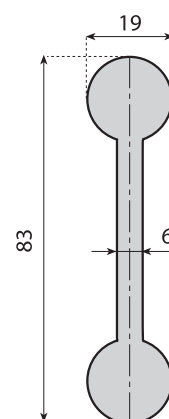
3 m



30 m



Black  
Green



 Preferred type, readily available (codes marked in red)

## GUIDE RAILS

### Material:

- Round profile in stainless steel AISI 303.
- Plastic profile in UHMWPE.



Polyethylene  
UHMW



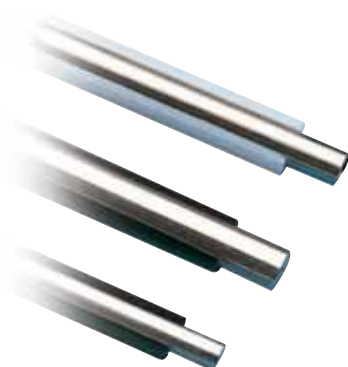
303 Stainless steel



Accessories

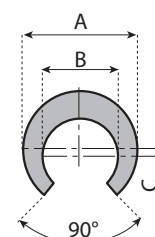


Consult pages  
105 ➔ 109 for  
bending machines



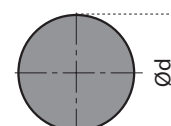
SIDE GUIDE

| Code          | A  | B  | C   | For rod<br>Ø (mm) | Kg/m |      |      |       |
|---------------|----|----|-----|-------------------|------|------|------|-------|
| <b>19055</b>  | 12 | 9  | 0.3 | 8                 | 0.05 |      |      | Black |
| <b>19055B</b> | 12 | 9  | 0.3 | 8                 | 0.05 |      |      | White |
| <b>19061</b>  | 15 | 11 | 0.5 | 10                | 0.06 |      |      | Black |
| <b>19061B</b> | 15 | 11 | 0.5 | 10                | 0.06 | 30 m | 30 m | White |
| <b>19056</b>  | 17 | 13 | 1   | 12                | 0.07 |      |      | Black |
| <b>19056B</b> | 17 | 13 | 1   | 12                | 0.07 |      |      | White |



## ROUND PROFILE

| Code          | Ø d | L   |      | Material |
|---------------|-----|-----|------|----------|
| <b>190390</b> | 8   |     |      |          |
| <b>190391</b> | 10  |     |      |          |
| <b>190392</b> | 12  | 3 m | 30 m | SS 303   |
| <b>190393</b> | 14  |     |      |          |
| <b>190394</b> | 16  |     |      |          |



# ACCESSORIES FOR GUIDE RAILS

 Preferred type, readily available (codes marked in red)



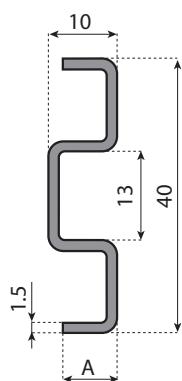
Accessories



AISI 304  
Stainless steel

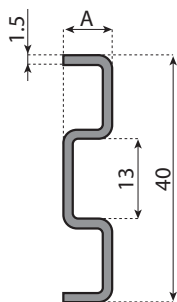


Consult pages  
105 to 109 for  
bending machines



M-PROFILE

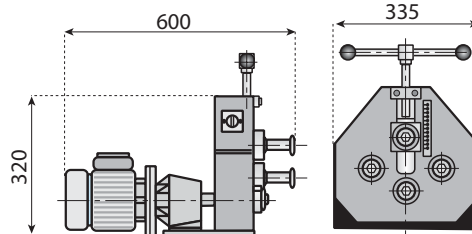
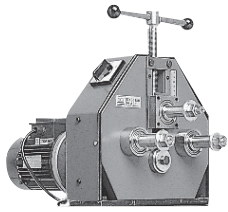
| Code          | A  |  Kg/m |  L |  | Material |
|---------------|----|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|
| <b>19077</b>  | 6  | 0.74                                                                                     | 3 m                                                                                    | 30 m                                                                                  | SS 304   |
| <b>19077L</b> | 6  | 0.74                                                                                     | 6 m                                                                                    |                                                                                       |          |
| <b>19078</b>  | 8  | 0.78                                                                                     | 3 m                                                                                    |                                                                                       |          |
| <b>19078L</b> | 8  | 0.78                                                                                     | 6 m                                                                                    |                                                                                       |          |
| <b>19079</b>  | 10 | 0.82                                                                                     | 3 m                                                                                    |                                                                                       |          |
| <b>19079L</b> | 10 | 0.82                                                                                     | 6 m                                                                                    |                                                                                       |          |



M-PROFILE

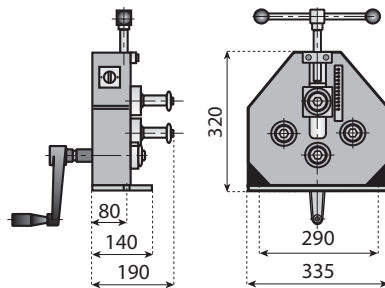
| Code           | A |  Kg/m |  L |  | Material |
|----------------|---|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|
| <b>190265</b>  | 8 | 0.74                                                                                     | 3 m                                                                                    | 30 m                                                                                  | SS 304   |
| <b>190265L</b> |   |                                                                                          | 6 m                                                                                    |                                                                                       |          |

 Preferred type, readily available (codes marked in red)



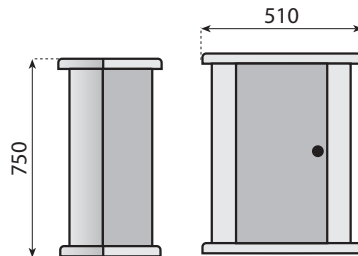
Code

**19044**



Code

**19037**



Code

**19044SB**

## MOTORIZED BENDING MACHINE

### Technical features:

- Millimeter and decimal reading for pressing roller adjustment.
  - Tempered shafts mounted on double supports and rotating on opposing tapered roller bearings.
  - Hardened and tempered sliding blocks located on the machine casing.
  - Shaft diameter 25 mm.
  - Main motor V. 380-50 Hz.
- Approximate weight 100 Kg.

## MANUAL BENDING MACHINE

### Technical features:

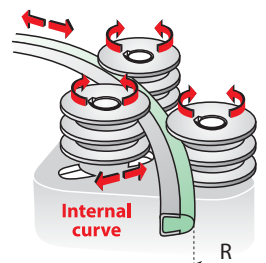
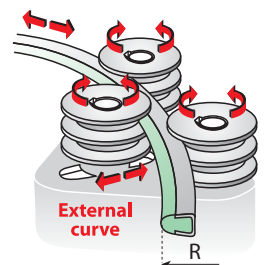
- Millimeter and decimal reading for pressing roller adjustment.
- Tempered shafts mounted on double supports and rotating on opposing tapered roller bearings.
- Hardened and tempered sliding blocks located on the machine casing.
- Shaft diameter 25 mm.
- Approximate weight 35 Kg.

**IMPORTANT:** the bending machines are supplied without rollers, these must be ordered separately according to the guide rail type (see table).

## Series of bending rollers

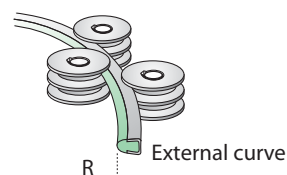
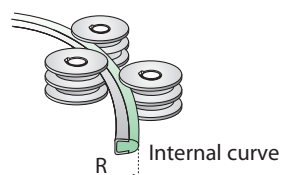
### METHOD OF BENDING

- 1 - Select the rollers designed specifically to bend the style rail desired and assemble to the machine.
- 2 - Determine the radial length of the desired curve and mark the rail to show the beginning and end of the curve.
- 3 - Center the portion of the rail in the machine and snug up the center wheel. Turn the crank 1 to 2 turns and rotate the gear box handle until the mark at one end is slightly past the contact point of the center wheel.  
Repeat this at the other end.
- 4 - Repeat Step 3.
- 5 - Center the turn section in the machine again and turn the center wheel crank inward a maximum of 2 turns.  
Rotate the gear box handle, this time until each mark reaches the contact of the center wheel.
- 6 - Repeat Step 5 until the desired curve is completed.



# ROLLERS FOR BENDING MACHINE

 Preferred type, readily available (codes marked in red)

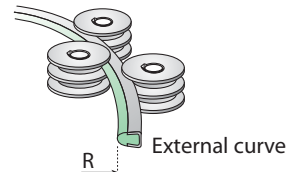
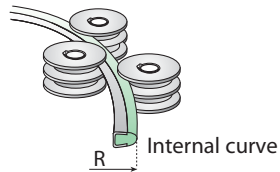


Types of guides to be bent

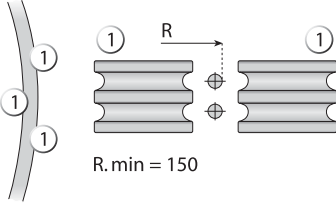
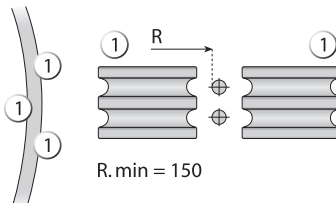
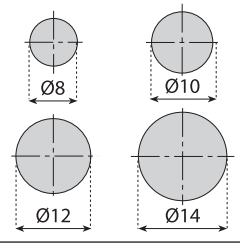
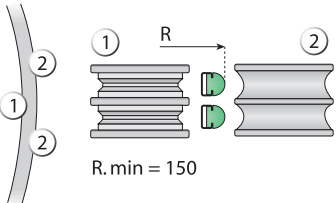
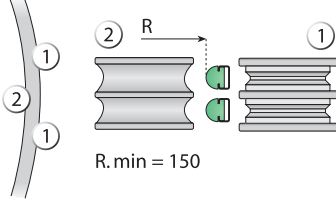
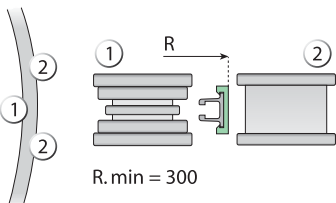
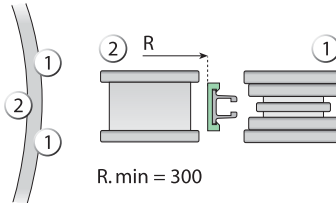
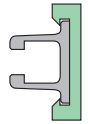
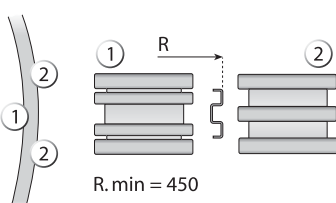
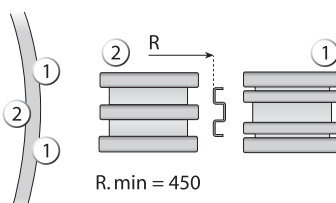
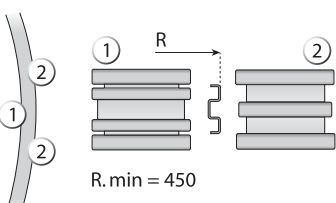
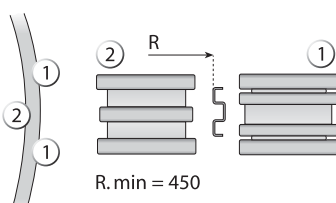
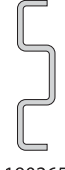
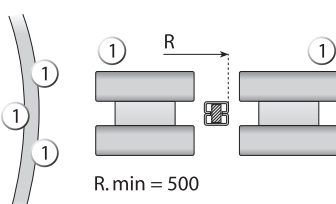
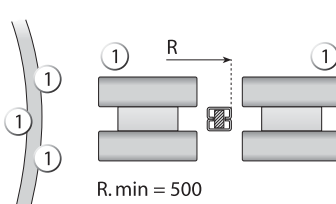
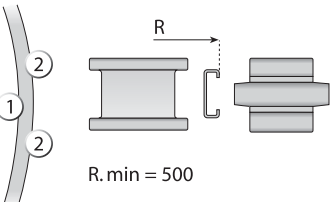
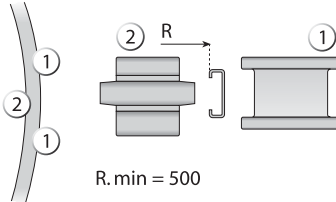
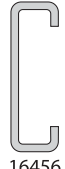
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|----------------------------------------|------------------------------------|--------------------|--------------------|-------------------------------------------------------------------|
| <p><b>Code</b></p> <p><b>19500</b></p> | <p>No. of rollers</p> <p>2 + 2</p> | <p>R.min = 145</p> | <p>R.min = 145</p> | <p>19019</p> <p>19065</p> <p>19023</p> <p>19027</p> <p>19042</p>  |
| <p><b>Code</b></p> <p><b>19507</b></p> | <p>No. of rollers</p> <p>3</p>     | <p>R.min = 160</p> | <p>R.min = 160</p> | <p>19031</p> <p>19033</p> <p>19038</p> <p>19059</p> <p>190216</p> |
| <p><b>Code</b></p> <p><b>19499</b></p> | <p>No. of rollers</p> <p>3</p>     | <p>R.min = 450</p> | <p>R.min = 450</p> | <p>19059</p>                                                      |
| <p><b>Code</b></p> <p><b>19503</b></p> | <p>No. of rollers</p> <p>2 + 2</p> | <p>R.min = 200</p> | <p>R.min = 200</p> | <p>190220</p> <p>19062</p>                                        |
| <p><b>Code</b></p> <p><b>19498</b></p> | <p>No. of rollers</p> <p>3</p>     | <p>R.min = 160</p> | <p>R.min = 160</p> | <p>19063W</p> <p>190253</p>                                       |
| <p><b>Code</b></p> <p><b>19524</b></p> | <p>No. of rollers</p> <p>2 + 2</p> | <p>R.min = 450</p> | <p>R.min = 450</p> | <p>190224</p>                                                     |
| <p><b>Code</b></p> <p><b>19504</b></p> | <p>No. of rollers</p> <p>3</p>     | <p>R.min = 200</p> | <p>R.min = 200</p> | <p>19082L</p> <p>19050</p> <p>19098L</p>                          |

# ROLLERS FOR BENDING MACHINE

 Preferred type, readily available (codes marked in red)

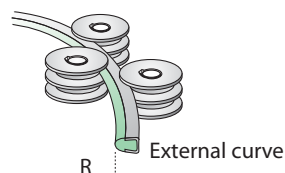
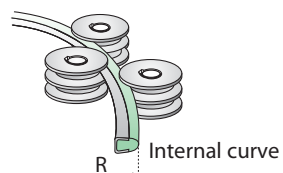


Types of guides to be bent

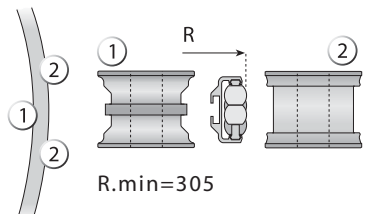
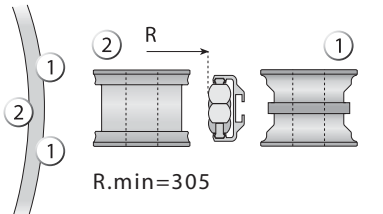
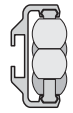
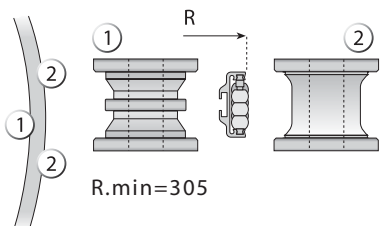
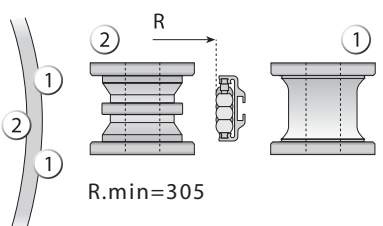
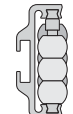
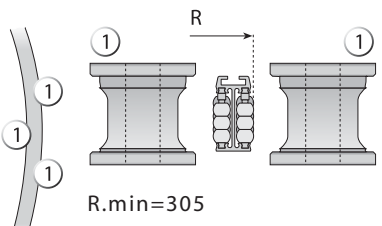
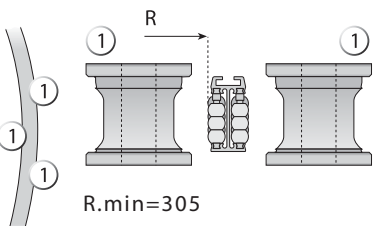
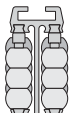
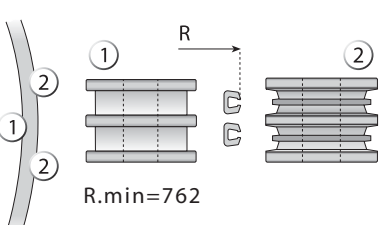
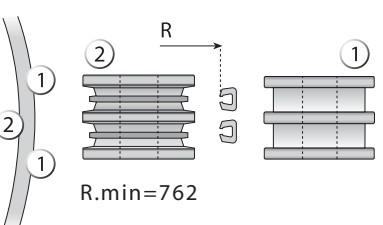
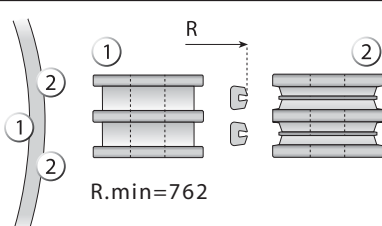
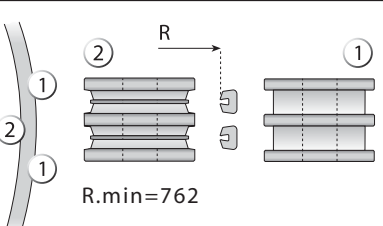
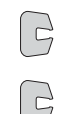
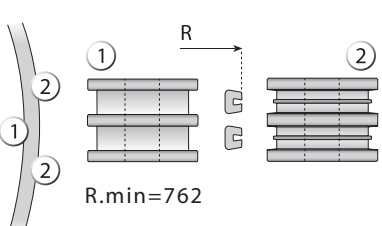
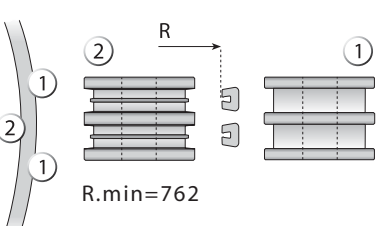
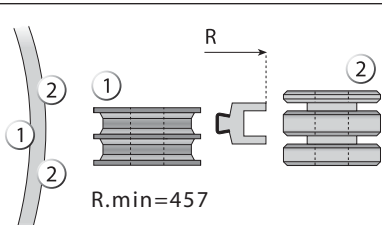
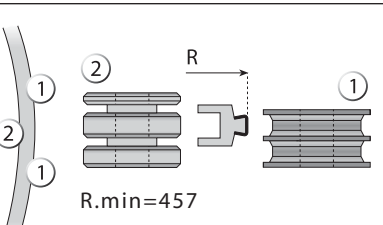
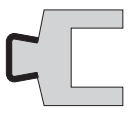
|                                        |                                    |                                                                                                        |                                                                                                         |                                                                                                     |
|----------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <p><b>Code</b></p> <p><b>19502</b></p> | <p>No. of rollers</p> <p>3</p>     |  <p>R.min = 150</p>   |  <p>R.min = 150</p>   |                  |
| <p><b>Code</b></p> <p><b>19501</b></p> | <p>No. of rollers</p> <p>2 + 2</p> |  <p>R.min = 150</p>   |  <p>R.min = 150</p>   |  <p>19035</p>    |
| <p><b>Code</b></p> <p><b>19508</b></p> | <p>No. of rollers</p> <p>2 + 2</p> |  <p>R.min = 300</p>  |  <p>R.min = 300</p>  |  <p>19098</p>   |
| <p><b>Code</b></p> <p><b>19506</b></p> | <p>No. of rollers</p> <p>2 + 2</p> |  <p>R.min = 450</p> |  <p>R.min = 450</p> |  <p>19077</p>  |
| <p><b>Code</b></p> <p><b>19525</b></p> | <p>No. of rollers</p> <p>2 + 2</p> |  <p>R.min = 450</p> |  <p>R.min = 450</p> |  <p>190265</p> |
| <p><b>Code</b></p> <p><b>19509</b></p> | <p>No. of rollers</p> <p>3</p>     |  <p>R.min = 500</p> |  <p>R.min = 500</p> |  <p>16450</p>  |
| <p><b>Code</b></p> <p><b>19505</b></p> | <p>No. of rollers</p> <p>2 + 2</p> |  <p>R.min = 500</p> |  <p>R.min = 500</p> |  <p>16456</p>  |

# ROLLERS FOR BENDING MACHINE

 Preferred type, readily available (codes marked in red)

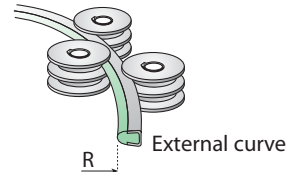
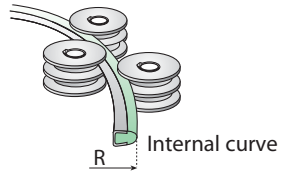


Types of guides to be bent

|                                         |                                            |                                                                                     |                                                                                      |                                                                                                                       |
|-----------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <div>Code</div> <div><b>19511</b></div> | <div>No. of rollers</div> <div>2 + 2</div> |    |    |  <div>16S00001</div>               |
| <div>Code</div> <div><b>19512</b></div> | <div>No. of rollers</div> <div>2 + 2</div> |    |    |  <div>16S00100</div>               |
| <div>Code</div> <div><b>19513</b></div> | <div>No. of rollers</div> <div>3</div>     |   |   |  <div>16S00200<br/>16S00050</div> |
| <div>Code</div> <div><b>19514</b></div> | <div>No. of rollers</div> <div>2 + 2</div> |  |  |  <div>19S00009</div>             |
| <div>Code</div> <div><b>19515</b></div> | <div>No. of rollers</div> <div>2 + 2</div> |  |  |  <div>19S00007</div>             |
| <div>Code</div> <div><b>19527</b></div> | <div>No. of rollers</div> <div>2 + 2</div> |  |  |  <div>19094</div>                |
| <div>Code</div> <div><b>19516</b></div> | <div>No. of rollers</div> <div>2 + 2</div> |  |  |  <div>19S00183</div>             |

# ROLLERS FOR BENDING MACHINE

 Preferred type, readily available (codes marked in red)



Types of guides to be bent

|                                        |                                    |                  |                  |                                           |
|----------------------------------------|------------------------------------|------------------|------------------|-------------------------------------------|
| <p><b>Code</b></p> <p><b>19517</b></p> | <p>No. of rollers</p> <p>2 + 2</p> | <p>R.min=457</p> | <p>R.min=457</p> | <p>19S00182</p>                           |
| <p><b>Code</b></p> <p><b>19519</b></p> | <p>No. of rollers</p> <p>2 + 2</p> | <p>R.min=457</p> | <p>R.min=457</p> | <p>19S00035</p>                           |
| <p><b>Code</b></p> <p><b>19520</b></p> | <p>No. of rollers</p> <p>3</p>     | <p>R.min=559</p> | <p>R.min=559</p> | <p>19S00083</p>                           |
| <p><b>Code</b></p> <p><b>19521</b></p> | <p>No. of rollers</p> <p>2 + 2</p> | <p>R.min=102</p> | <p>R.min=102</p> | <p>19S00008</p>                           |
| <p><b>Code</b></p> <p><b>19522</b></p> | <p>No. of rollers</p> <p>2 + 2</p> | <p>R.min=152</p> | <p>R.min=152</p> | <p>19S00210<br/>19S00212<br/>19S00209</p> |
| <p><b>Code</b></p> <p><b>19523</b></p> | <p>No. of rollers</p> <p>2 + 2</p> | <p>R.min=203</p> | <p>R.min=203</p> | <p>19S00211</p>                           |

# CLAMPS FOR CONICAL SIDE GUIDES

 Preferred type, readily available (codes marked in red)



Nickel  
plated brass



AISI 303  
Stainless steel



Reinforced  
polyamide



See pages  
76 ➔ 85



See pages  
90 ➔ 93



See page  
182



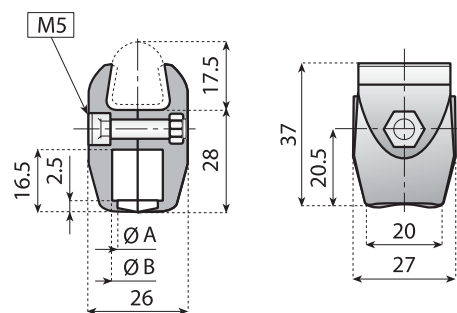
Consult pages  
138 ➔ 142  
for rod design



## SINGLE CLAMP

**Material:** clamp in reinforced polyamide, bolt in stainless steel, nut in nickel plated brass.  
**Supply:** assembled.

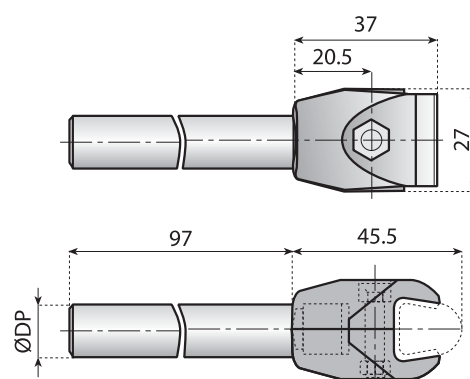
| Code           | Ø A | Ø B  | Type |       |
|----------------|-----|------|------|-------|
| <b>13788</b>   | 10  | 12   | 1    | n° 50 |
| <b>13006NV</b> | 12  | 13.5 | 2    |       |



## SINGLE CLAMP WITH ROD

**Material:** clamp in reinforced polyamide, bolt in stainless steel, nut in nickel plated brass, rod in stainless steel AISI 303.  
**Supply:** assembled.

| Code         | Clamp type | DP |       |
|--------------|------------|----|-------|
| <b>13789</b> | 1          | 12 | n° 50 |
| <b>13190</b> | 2          | 14 |       |
| <b>13191</b> | 2          | 16 |       |



 Preferred type, readily available (codes marked in red)



Nickel  
plated brass



AISI 303  
Stainless steel



Reinforced  
polyamide



See pages  
76 ➔ 85



See pages  
90 ➔ 93



See page  
182



Consult pages  
138 ➔ 142  
for rod design



## SINGLE CLAMP

**Material:** clamp in reinforced polyamide, bolt in stainless steel, nut in nickel plated brass.

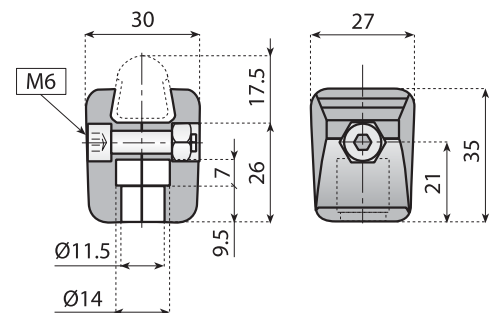
**Supply:** assembled.

Code

**13006**



n° 50



## SINGLE CLAMP WITH ROD

**Material:** clamp in reinforced polyamide, bolt in stainless steel, nut in nickel plated brass, rod in stainless steel AISI 303.

**Supply:** assembled.

Code

**13192**

DP

12

**13193**

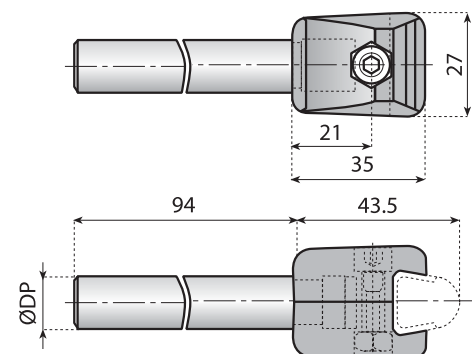
14

**13194**

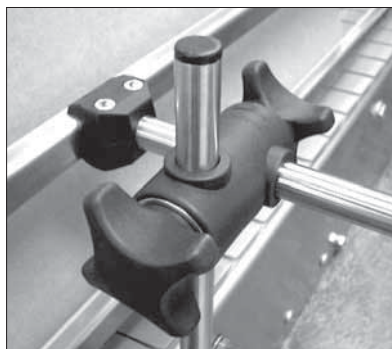
16



n° 50



# GUIDE RAIL CLAMPS



## SINGLE CLAMP WITH ROD

**Material:** clamp in reinforced polyamide, bolt in stainless steel, nut in nickel plated brass, rod in stainless steel AISI 303.

**Supply:** assembled.

☞ Preferred type, readily available (codes marked in red)



Nickel plated brass



AISI 303 Stainless steel



Reinforced polyamide



See pages 76 ➔ 85



See pages 90 ➔ 93



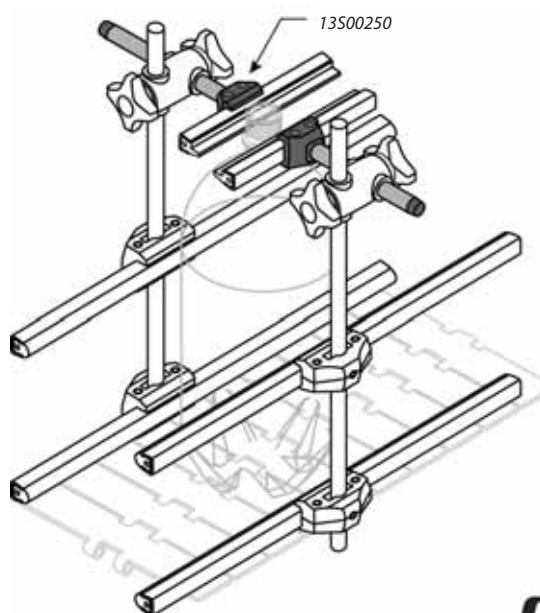
See page 182



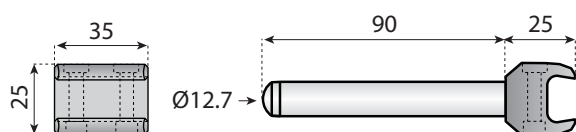
Consult pages 138 ➔ 142 for rod design



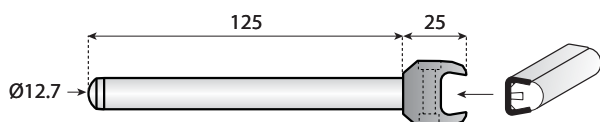
Par. # 5,626,221 (USA)



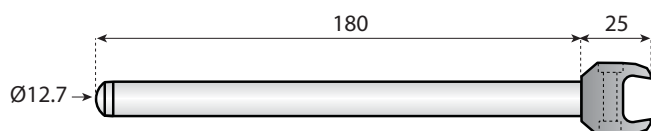
  
**Quick Claw**



| Code            | Ref.         |  |  |
|-----------------|--------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>13S00250</b> | VG-031-12-35 | 90 mm                                                                                 | n°10                                                                                  |



| Code            | Ref.         |  |  |
|-----------------|--------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>13S00251</b> | VG-031-12-50 | 125 mm                                                                                | n°10                                                                                  |



| Code            | Ref.         |  |  |
|-----------------|--------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>13S00252</b> | VG-031-12-70 | 180 mm                                                                                | n°10                                                                                  |

 Preferred type, readily available (codes marked in red)



Nickel  
plated brass



AISI 303  
Stainless steel



Reinforced  
polyamide



See pages  
76 ➔ 85



See pages  
90 ➔ 93



See page  
182



Consult pages  
138 ➔ 142  
for rod design



## SINGLE CLAMP WITH BOLT

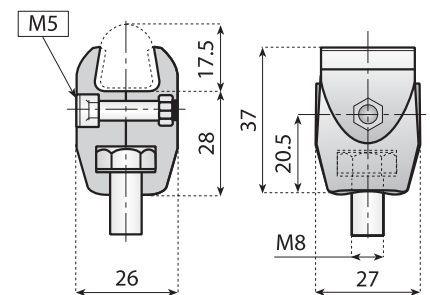
**Material:** clamp in reinforced polyamide, bolt in stainless steel, nut in nickel plated brass.  
**Supply:** assembled.

Code

**13792**



n° 50



## SINGLE CLAMP WITH ROD

**Material:** clamp in reinforced polyamide, bolt in stainless steel, nut in nickel plated brass, rod in stainless steel AISI 303.  
**Supply:** assembled.

Code

**13793**

DP

12

**13794**

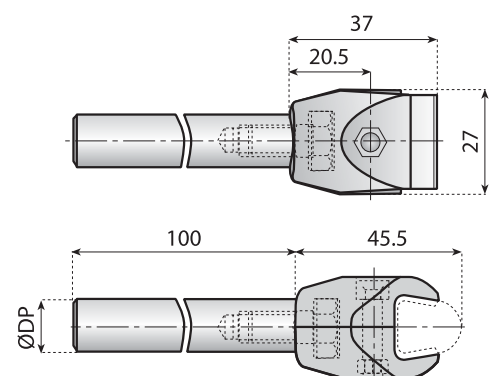
14

**13795**

16



n° 50



# CLAMPS FOR CONICAL SIDE GUIDES

 Preferred type, readily available (codes marked in red)



## ADJUSTABLE GUIDE RAIL CLAMP

**Material:** clamp in reinforced polyamide, bolts in stainless steel, nut in nickel plated brass.

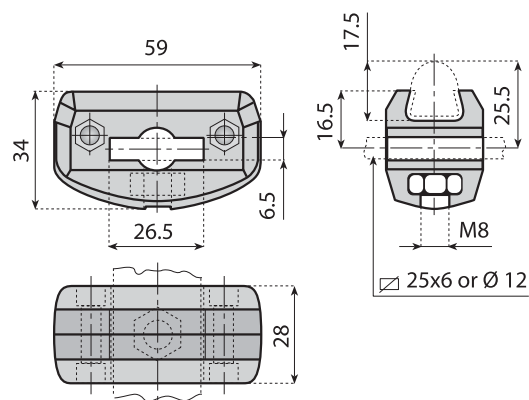
**Supply:** assembled.

**Use:** mount on 25x6 flat bar or Ø 12 diameter rod.

Code

**13195**

n° 50

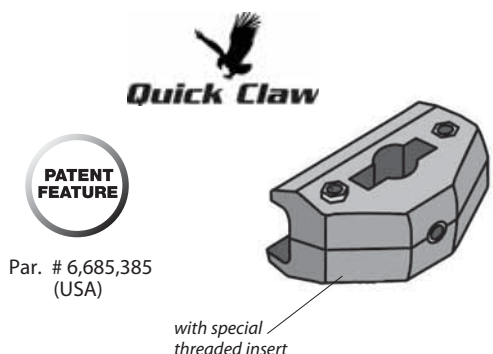


## ADJUSTABLE GUIDE RAIL CLAMP

**Material:** clamp in reinforced polyamide, bolts in stainless steel, nut in nickel plated brass.

**Supply:** assembled.

**Use:** mount on 25x6 flat bar or Ø 12 diameter rod.



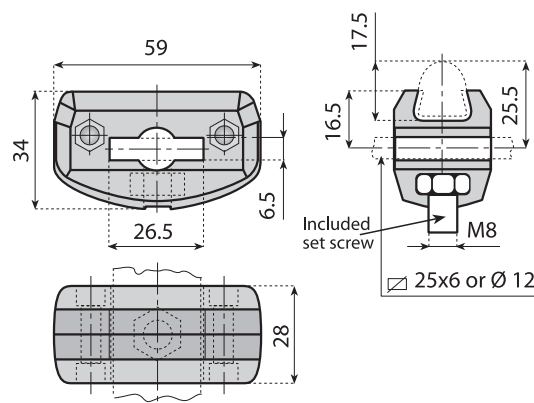
Code

**13500346**

Ref.

VG-022-01M

n° 50



## ADJUSTABLE GUIDE RAIL CLAMP

**Material:** clamp in reinforced polyamide, bolts in stainless steel, nut in nickel plated brass.

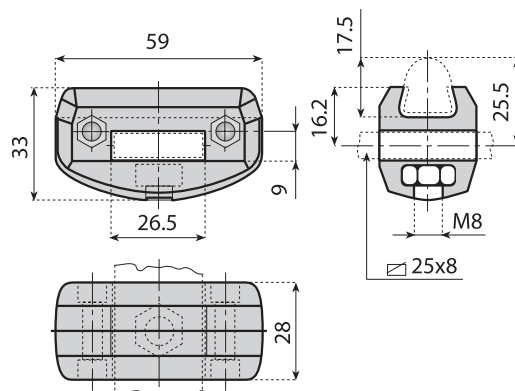
**Supply:** assembled.

**Use:** mount on 25x8 flat bar.

Code

**13007**

n° 50



 Preferred type, readily available (codes marked in red)



Nickel  
plated brass



AISI 303  
Stainless steel



Reinforced  
polyamide



See pages  
76 ➔ 85



See pages  
90 ➔ 93



See page  
182



Consult pages  
138 ➔ 142  
for rod design



## ADJUSTABLE GUIDE RAIL CLAMP

**Material:** clamp in reinforced polyamide, bolts in stainless steel, nut in nickel plated brass.

**Supply:** assembled.

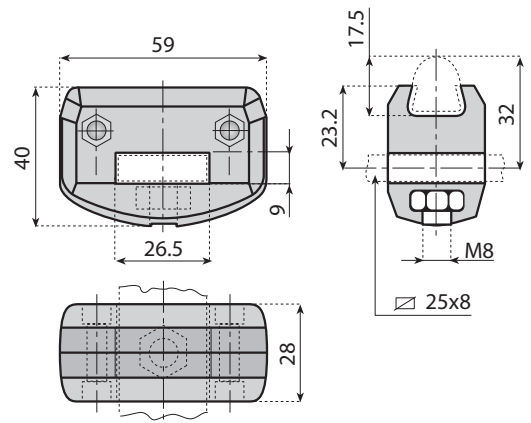
**Use:** mount on 25x8 flat bar.

Code

**13196**



n° 50



## ADJUSTABLE GUIDE RAIL CLAMP

**Material:** clamp in reinforced polyamide, bolts in stainless steel, nut in nickel plated brass.

**Supply:** assembled.

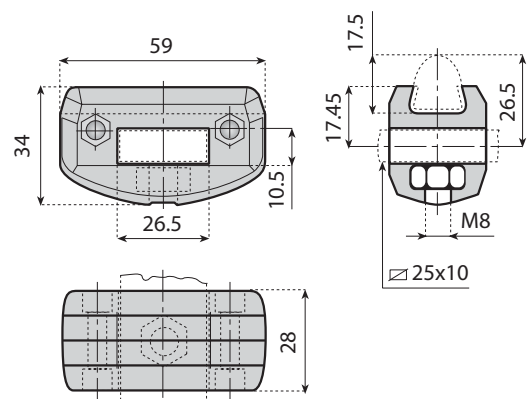
**Use:** mount on 25x10 flat bar.

Code

**13197**



n° 50



# CLAMPS FOR CONICAL SIDE GUIDES

 Preferred type, readily available (codes marked in red)



Nickel  
plated brass



AISI 303  
Stainless steel



Reinforced  
polyamide



See pages  
76 ➔ 85



See pages  
90 ➔ 93



See page  
182



Consult pages  
138 ➔ 142  
for rod design



## SINGLE CLAMP

**Use:** it connects guide rail to bracket or rod using a standard M8 cap screw.

Code

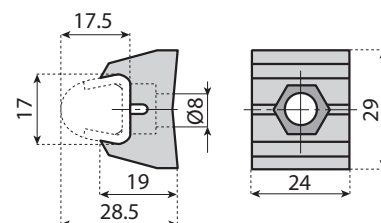
**13012**



n° 50



PA-FG

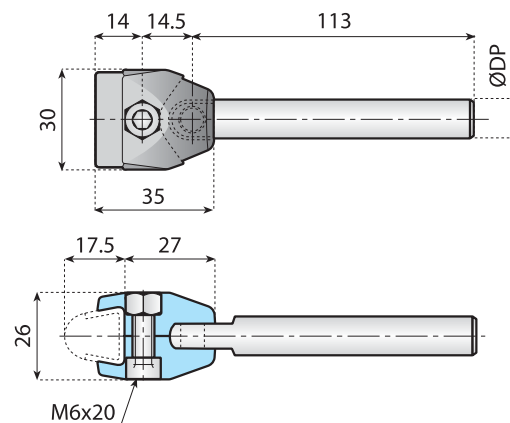


## SWIVEL CLAMP

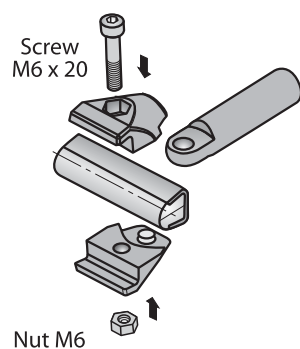
**Material:** reinforced polyamide. nut, washer and rod in stainless steel.

**Supply:** assembled.

**Note:** code 13167 is supplied without rod.



## APPLICATION EXAMPLE



This design allows a max. swivel angle of 120°

Code

**13167**

**13168**

**13169**

**13170**

DP

-

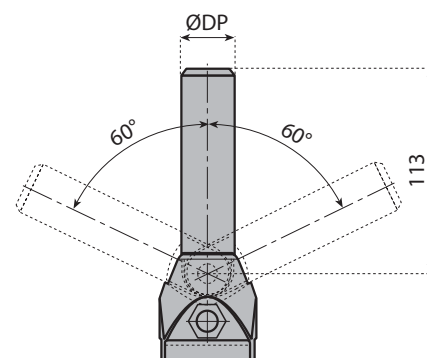
12

14

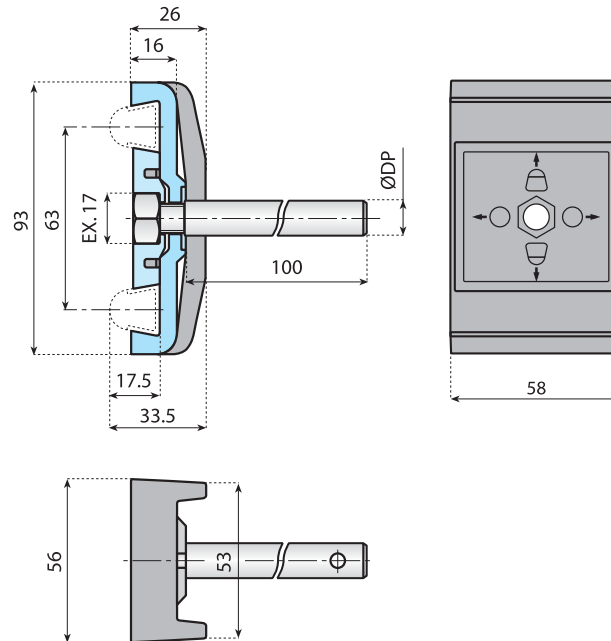
16



n° 50



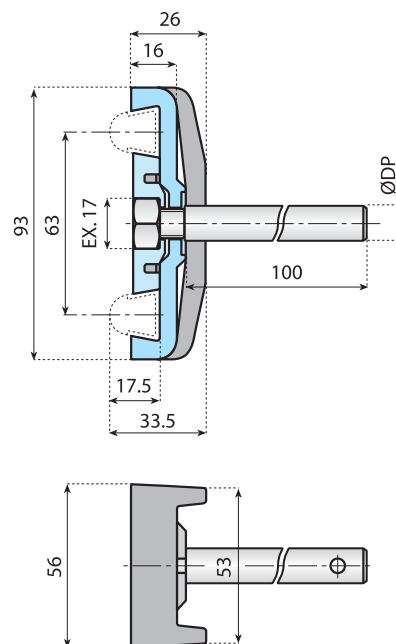
 Preferred type, readily available  
(codes marked in red)



## DOUBLE CLAMP WITH ROD

**Material:** reinforced polyamide, nut, washer rod in stainless steel.  
**Supply:** assembled.

| Code            | Ref.               | DP |       |
|-----------------|--------------------|----|-------|
| <b>13S00500</b> | VG-011-01-P-M10    | -  | n° 10 |
| <b>13S00502</b> | VG-011-01-P222-100 | 12 |       |
| <b>13S00505</b> | VG-011-01-P224-100 | 14 |       |
| <b>13S00503</b> | VG-011-01-P242-100 | 10 |       |



## DOUBLE CLAMP WITH ROD

**Material:** reinforced polyamide, nut, washer rod in stainless steel.  
**Supply:** assembled.  
**Note:** code 13008NV is supplied without rod.

| Code           | DP |       |
|----------------|----|-------|
| <b>13008NV</b> | -  | n° 50 |
| <b>13009NV</b> | 12 |       |
| <b>13010NV</b> | 14 |       |
| <b>13011NV</b> | 16 |       |



Nickel  
plated brass



AISI 303  
Stainless steel



Reinforced  
polyamide



See pages  
90 ➔ 93



See page  
182



See pages  
76 ➔ 85



Consult pages  
138 ➔ 142 for  
rod design

# CLAMPS FOR CONICAL SIDE GUIDES AND FOR ROUND GUIDE RAILS

 Preferred type, readily available (codes marked in red)



See page  
103



Nickel  
plated brass



AISI 303  
Stainless steel



Reinforced  
polyamide



See pages  
76 ➔ 85



See pages  
90 ➔ 93



See pages  
182



Consult pages  
138 ➔ 142  
for rod design

## DOUBLE CLAMP

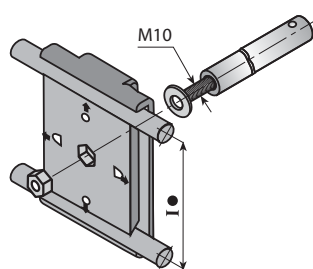
**Material:** reinforced polyamide, nut, washer and rod in stainless steel.

Codes 13175-13351-13163 are supplied without rod and nut.

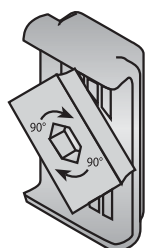
**Application:** the clamp is designed to be used with either the conical or Ø 12 mm round guide rails, simply by turning the internal flange plate.

**Use:** to support rods or conical guide rails with increased centers.

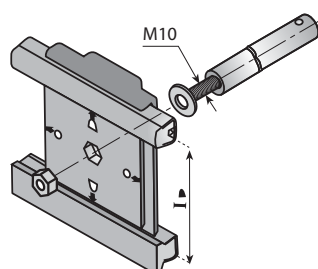
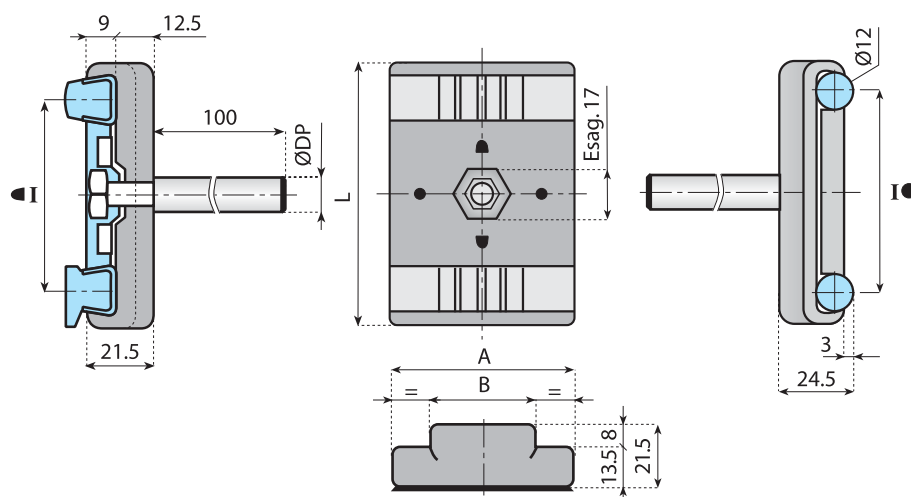
**Supply:** assembled.



Flange position for assembling  
Ø 12 mm rod



Rotate center piece 90°



Flange position for assembling  
conical side guide

| Code         | I● | I▶ | L   | A  | B  | Ø DP |       |
|--------------|----|----|-----|----|----|------|-------|
| <b>13175</b> |    |    |     |    |    | -    |       |
| <b>13176</b> | 51 | 47 | 70  | 43 | 30 | 12   | n° 50 |
| <b>13177</b> |    |    |     |    |    | 14   |       |
| <b>13178</b> |    |    |     |    |    | 16   |       |
| <b>13351</b> |    |    |     |    |    | -    |       |
| <b>13352</b> | 69 | 65 | 90  | 61 | 35 | 12   | n° 50 |
| <b>13353</b> |    |    |     |    |    | 14   |       |
| <b>13354</b> |    |    |     |    |    | 16   |       |
| <b>13163</b> |    |    |     |    |    | -    |       |
| <b>13164</b> | 89 | 85 | 110 | 80 | 40 | 12   | n° 50 |
| <b>13165</b> |    |    |     |    |    | 14   |       |
| <b>13166</b> |    |    |     |    |    | 16   |       |

# CLAMPS FOR CONICAL SIDE GUIDES AND FOR ROUND GUIDE RAILS

 Preferred type, readily available (codes marked in red)



See page  
103



Nickel  
plated brass



AISI 303  
Stainless steel



Reinforced  
polyamide



See pages  
76 → 85



See pages  
90 → 93



See pages  
182



Consult pages  
138 → 142  
for rod design

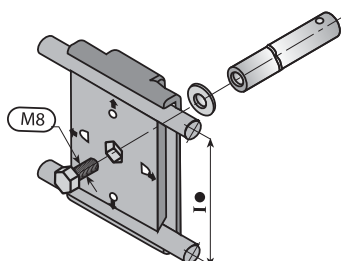
## DOUBLE CLAMP

**Material:** reinforced polyamide, screw, washer and rod in stainless steel.  
Codes 13175F - 13351F - 13163F are supplied without rod and screw.

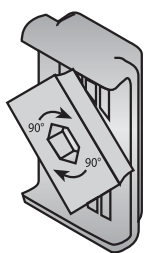
**Application:** the clamp is designed to be used with either the conical or Ø 12 mm round guide rails, simply by turning the internal flange plate.

**Use:** to support rods or conical guide rails with increased centers.

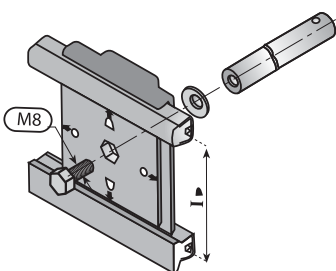
**Supply:** assembled.



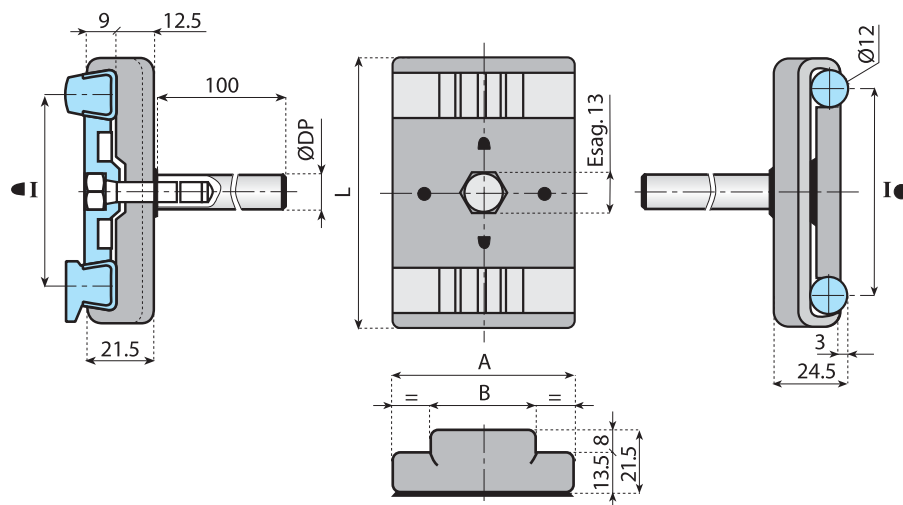
Flange position for assembling  
Ø 12 mm rod



Rotate center piece 90°



Flange position for assembling  
conical side guide



| Code   | I● | I▶ | L   | A  | B  | Ø DP |       |
|--------|----|----|-----|----|----|------|-------|
| 13175F |    |    |     |    |    | —    |       |
| 13176F | 51 | 47 | 70  | 43 | 30 | 12   | n° 50 |
| 13177F |    |    |     |    |    | 14   |       |
| 13178F |    |    |     |    |    | 16   |       |
| 13351F |    |    |     |    |    | —    |       |
| 13352F | 69 | 65 | 90  | 61 | 35 | 12   | n° 50 |
| 13353F |    |    |     |    |    | 14   |       |
| 13354F |    |    |     |    |    | 16   |       |
| 13163F |    |    |     |    |    | —    |       |
| 13164F | 89 | 85 | 110 | 80 | 40 | 12   | n° 50 |
| 13165F |    |    |     |    |    | 14   |       |
| 13166F |    |    |     |    |    | 16   |       |

# CLAMPS FOR CONICAL SIDE GUIDES

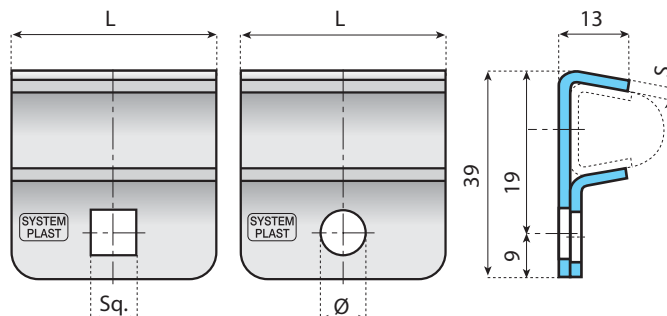
 Preferred type, readily available (codes marked in red)



See pages  
76 ➔ 85



AISI 304  
Stainless steel



## SINGLE RAIL CLAMP

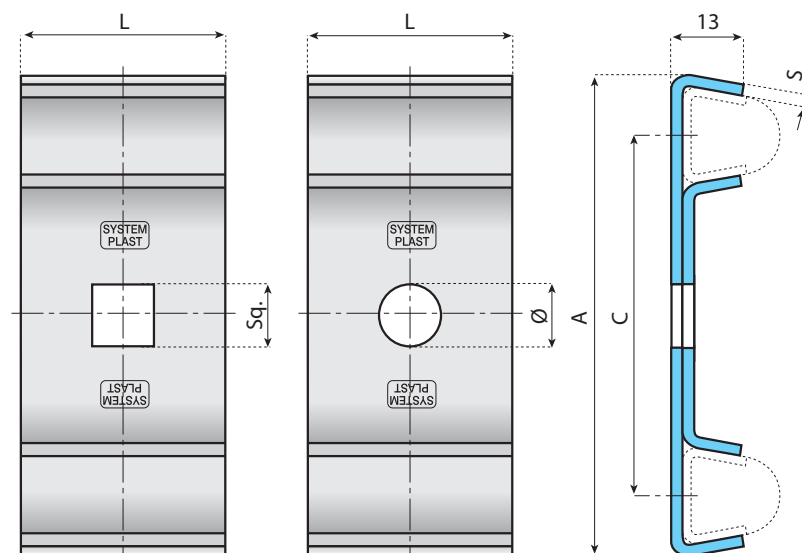
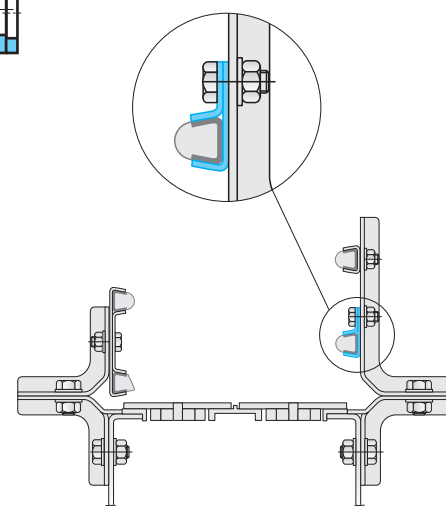
**Thickness:**  $S = 2 \text{ mm}$ .

**Use:** to support conical guide.

**Note:** round hole version accepts a M8 bolt and square hole version accepts a M8 carriage bolt.

Available in two lengths 38.1 mm wide and 76.2 mm wide for splicing.  
Tightening bolt not included.

| Code           | Ref.         | L<br>mm | Ø ● | Sq. ■ |  | Material |
|----------------|--------------|---------|-----|-------|------------------------------------------------------------------------------------|----------|
| <b>13014</b>   | VG-012-01    | 38.1    | 8.1 | —     | n° 50                                                                              | SS 304   |
| <b>13014S</b>  | VG-012-SH    | 38.1    | —   | 9     |                                                                                    |          |
| <b>13014L</b>  | VG-012-03    | 76.2    | 8.1 | —     |                                                                                    |          |
| <b>13014SL</b> | VG-012-03-SH | 76.2    | —   | 9     |                                                                                    |          |



## DOUBLE RAIL CLAMP

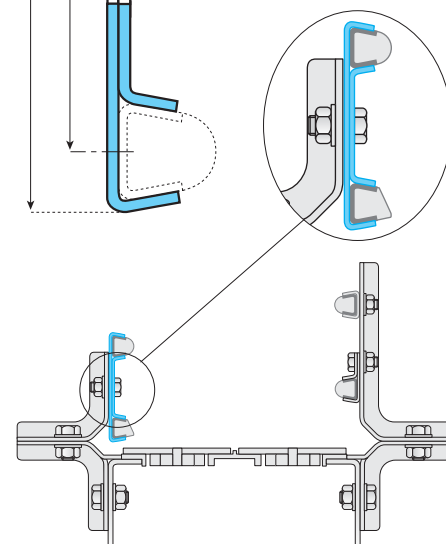
**Thickness:**  $S = 2.5 \text{ mm}$ .

**Use:** to support conical guide.

**Note:** round hole version accepts a M8 bolt and square hole version accepts a M8 carriage bolt.

Available in two lengths 38.1 mm wide and 76.2 mm wide for splicing.  
Tightening bolt not included.

| Code           | L<br>mm | A<br>mm | C<br>mm | Ø ●  | Sq. ■ |  | Material |
|----------------|---------|---------|---------|------|-------|-------------------------------------------------------------------------------------|----------|
| <b>13013</b>   | 38.1    | 86      | 63.5    | 10.5 | —     | n° 50                                                                               | SS 304   |
| <b>13013S</b>  |         | 86      | 63.5    | —    | 9     |                                                                                     |          |
| <b>131001</b>  |         | 106.5   | 84      | 10.5 | —     |                                                                                     |          |
| <b>131001S</b> |         | 106.5   | 84      | —    | 9     |                                                                                     |          |
| <b>131002</b>  |         | 117.7   | 95.2    | 10.5 | —     |                                                                                     |          |
| <b>131002S</b> |         | 117.7   | 95.2    | —    | 9     |                                                                                     |          |



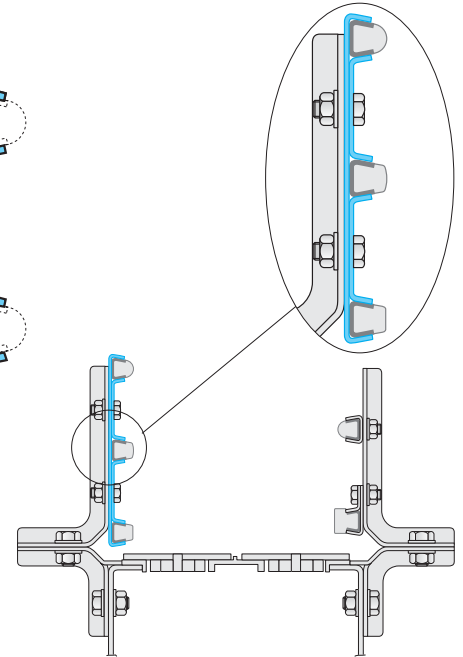
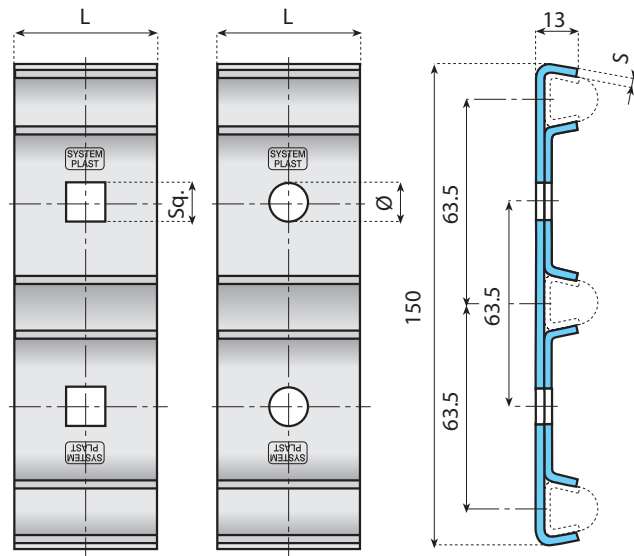
 Preferred type, readily available (codes marked in red)



See pages  
76 ➔ 85



AISI 304  
Stainless steel

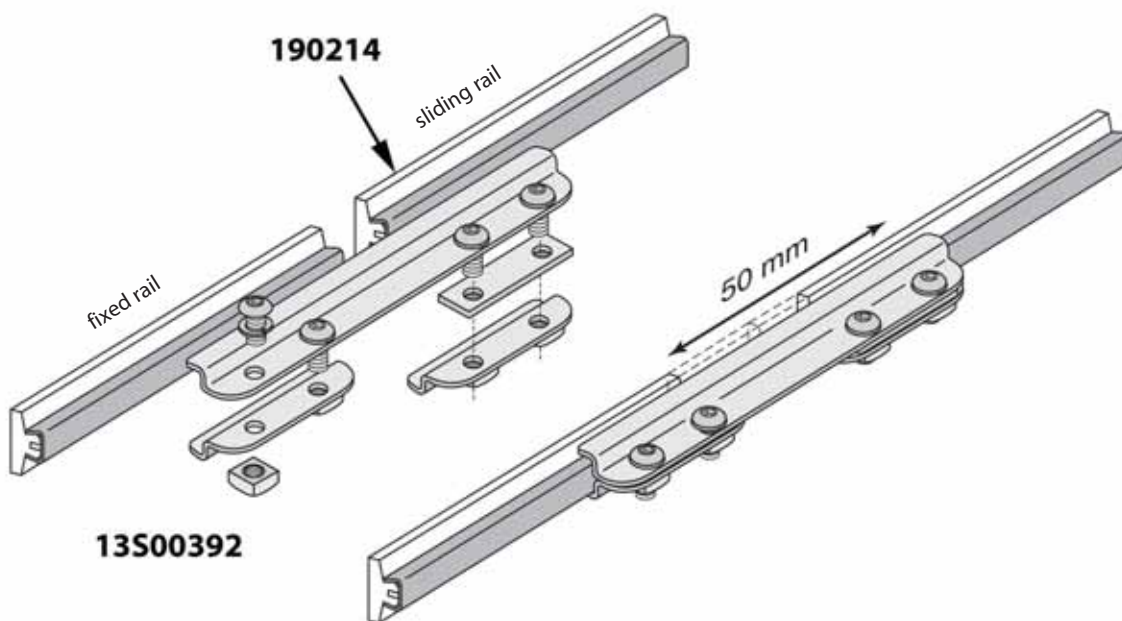


## TRIPLE RAIL CLAMP

**Material:** stainless steel AISI 304,  
**Thickness:**  $S = 2.5$  mm.

**Note:** used with toll containers or  
when large and small containers  
run on the same production line.  
Tightening bolt not included.

| Code           | L<br>mm | Ø    | Sq. |       | Material |
|----------------|---------|------|-----|-------|----------|
| <b>131003</b>  | 38.1    | 10.5 | —   | n° 50 | SS 304   |
| <b>131003S</b> | 38.1    | —    | 9   |       |          |



304 Stainless steel



Par. # 6,053,654  
(USA)



## ADJUSTABLE SPLICING CLAMP

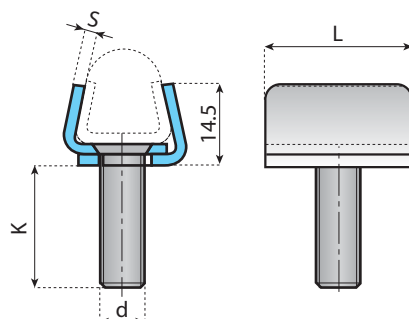
Allows one rail to slide within the clamp while the other remains fixed.

| Code            | Ref.         |        |      |
|-----------------|--------------|--------|------|
| <b>13S00392</b> | VG-113SM-08G | 203 mm | n° 2 |



# CLAMP FOR CONICAL SIDE GUIDES

 Preferred type, readily available (codes marked in red)



## HEAVY DUTY CLIP

**Material:** stainless steel AISI 304, thickness  $S = 2.5$  mm.

**Use:** two piece compression style for easy assembly and adjustment. Nut and washer not included.

**Note:** max recommended tightening torque 2.0 Kgm.

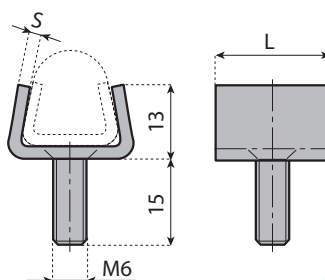
| Code          | Ref.       | L<br>mm | K<br>mm | d<br>thread<br>size |  |
|---------------|------------|---------|---------|---------------------|-------------------------------------------------------------------------------------|
| <b>131004</b> | VG-018M-01 | 26      | 15.2    | M8                  | n° 100                                                                              |
| <b>131005</b> | VG-018M-02 |         | 20      |                     |                                                                                     |
| <b>131006</b> | VG-018M-03 |         | 25.5    |                     |                                                                                     |
| <b>131007</b> | VG-018M-04 |         | 30      |                     |                                                                                     |



AISI 304  
Stainless steel



See pages  
76 ➡ 85



*Light  
duty*

## SINGLE CLAMP

**Material:** stainless steel AISI 304, thickness  $S = 2.5$  mm.

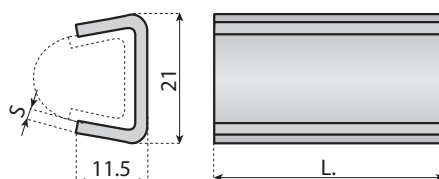
**Use:** easy assembly of guide profiles.

**Note:** max recommended tightening torque 1.8 Kgm.

| Code         | L     |  |
|--------------|-------|---------------------------------------------------------------------------------------|
| <b>13796</b> | 20 mm | n° 100                                                                                |



AISI 304  
Stainless steel



## CONNECTING ELEMENT

**Material:** stainless steel AISI 304, thickness  $S = 2.5$  mm.

**Use:** to connect two guide rails.

The part can be tapped on with a hammer.

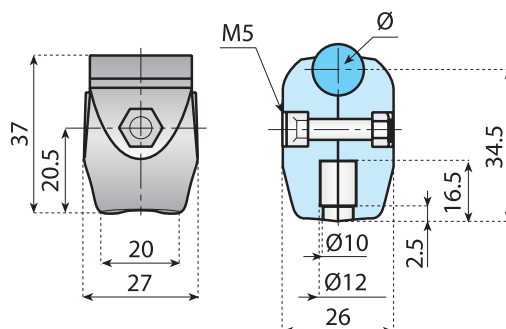
| Code         | L     |  |
|--------------|-------|---------------------------------------------------------------------------------------|
| <b>13015</b> | 38 mm | n° 50                                                                                 |
| <b>13120</b> | 50 mm |                                                                                       |



AISI 304  
Stainless steel

# CLAMP FOR CONICAL SIDE GUIDES

 Preferred type, readily available (codes marked in red)



AISI 303  
Stainless steel



Reinforced  
polyamide



Consult see page  
103  
for rod profile



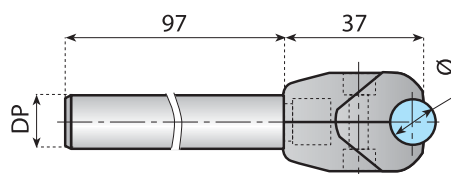
Consult pages  
138 ➔ 142  
for rod design

## SINGLE CLAMP

**Material:** clamp in reinforced polyamide, bolt in stainless steel nut in nickel plated brass.

**Supply:** assembled.

| Code         | For guide Ø |  |
|--------------|-------------|------------------------------------------------------------------------------------|
| <b>13960</b> | 8           |                                                                                    |
| <b>13961</b> | 10          |                                                                                    |
| <b>13721</b> | 12          |                                                                                    |
| <b>13725</b> | 14          |                                                                                    |
|              |             | n° 50                                                                              |



AISI 303  
Stainless steel



Reinforced  
polyamide



Consult see page  
103  
for rod profile



Consult pages  
138 ➔ 142  
for rod design

## SINGLE CLAMP WITH ROD

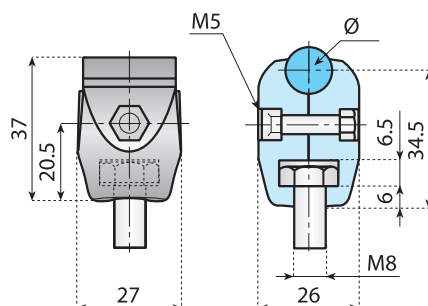
**Material:** clamp in reinforced polyamide, bolt in stainless steel nut in nickel plated brass, rod in stainless steel AISI 303.

**Supply:** assembled.

| Code         | DP | For guide Ø |  |
|--------------|----|-------------|--------------------------------------------------------------------------------------|
| <b>13962</b> | 12 | 8           | n° 50                                                                                |
| <b>13963</b> | 14 |             |                                                                                      |
| <b>13964</b> | 16 |             |                                                                                      |
| <b>13965</b> | 12 | 10          | n° 50                                                                                |
| <b>13966</b> | 14 |             |                                                                                      |
| <b>13967</b> | 16 |             |                                                                                      |
| <b>13722</b> | 12 | 12          | n° 50                                                                                |
| <b>13723</b> | 14 |             |                                                                                      |
| <b>13724</b> | 16 |             |                                                                                      |
| <b>13726</b> | 12 | 14          | n° 50                                                                                |
| <b>13727</b> | 14 |             |                                                                                      |
| <b>13728</b> | 16 |             |                                                                                      |

# CLAMPS FOR ROUND PROFILE GUIDES

 Preferred type, readily available (codes marked in red)



AISI 303  
Stainless steel



Reinforced  
polyamide



Consult see page  
103  
for round profile

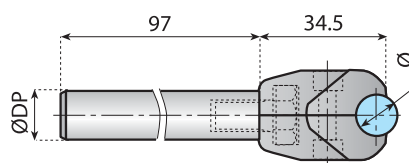


Consult pages  
138 ➔ 142  
for rod design

## SINGLE CLAMP

**Material:** clamp in reinforced polyamide, bolt in stainless steel nut in nickel plated brass.  
**Supply:** assembled.

| Code         | For guide Ø | n° 50 |
|--------------|-------------|-------|
| <b>13968</b> | 8           |       |
| <b>13969</b> | 10          |       |
| <b>13729</b> | 12          |       |
| <b>13733</b> | 14          |       |



AISI 303  
Stainless steel



Reinforced  
polyamide



Consult see page  
103  
for round profile



Consult pages  
138 ➔ 142  
for rod design

## SINGLE CLAMP WITH ROD

**Material:** clamp in reinforced polyamide, bolt in stainless steel nut in nickel plated brass, rod in stainless steel AISI 303.  
**Supply:** assembled.

| Code  | DP | For guide Ø |  |
|-------|----|-------------|---------------------------------------------------------------------------------------|
| 13970 | 12 | 8           | n° 50                                                                                 |
| 13971 | 14 |             |                                                                                       |
| 13972 | 16 |             |                                                                                       |
| 13973 | 12 | 10          | n° 50                                                                                 |
| 13974 | 14 |             |                                                                                       |
| 13975 | 16 |             |                                                                                       |
| 13730 | 12 | 12          | n° 50                                                                                 |
| 13731 | 14 |             |                                                                                       |
| 13732 | 16 |             |                                                                                       |
| 13734 | 12 | 14          | n° 50                                                                                 |
| 13735 | 14 |             |                                                                                       |
| 13736 | 16 |             |                                                                                       |



# CLAMPS FOR ROUND PROFILE GUIDES

 Preferred type, readily available (codes marked in red)



AISI 303  
Stainless steel



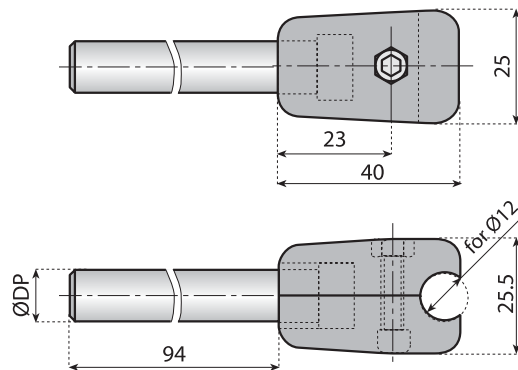
Reinforced  
polyamide



Consult see page  
103  
for round profile



Consult pages  
138 → 142  
for rod design



## SINGLE CLAMP

**Material:** clamp in reinforced polyamide, bolt and rod in stainless steel nut in nickel plated brass.

**Supply:** assembled.

**Note:** code 13745 is supplied without rod.

| Code  | DP |       |
|-------|----|-------|
| 13745 | –  |       |
| 13977 | 12 | n° 50 |
| 13978 | 14 |       |
| 13979 | 16 |       |



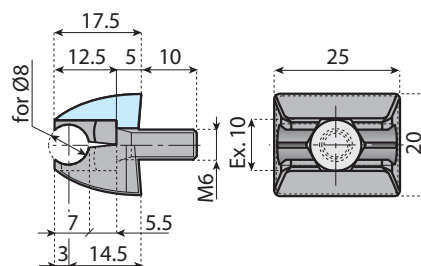
AISI 304  
Stainless steel



Reinforced  
polyamide



Consult see page  
103  
for round profile



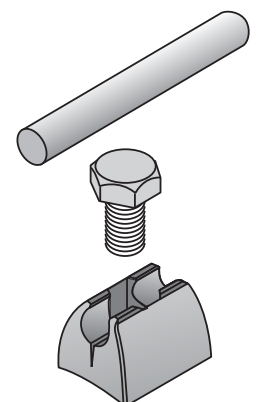
## CLIP-ON SINGLE CLAMP

**Material:** clamp in polyamide, bolt stainless steel

**Use:** with round profile guide Ø8 mm.

**Supply:** assembled.

| Code  |        |
|-------|--------|
| 13980 | n° 100 |



# CLAMPS FOR ROUND PROFILE GUIDES

 Preferred type, readily available (codes marked in red)



AISI 303  
Stainless steel



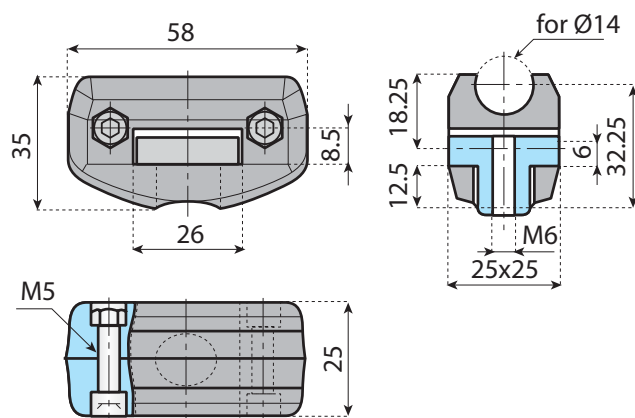
Reinforced  
polyamide



Consult see page  
103  
for round profile



Consult pages  
138 ➔ 142  
for rod design



## SINGLE CLAMP

**Material:** clamp in reinforced polyamide, bolt in stainless steel, nut and threaded bushing in nickel plated brass.

**Use:** with round profile guide Ø14 mm.

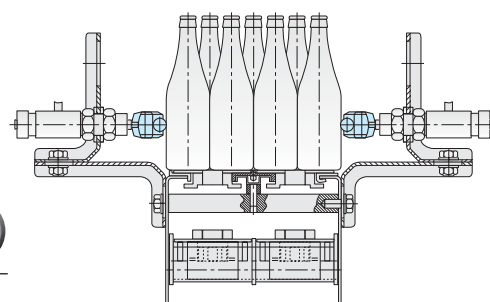
**Supply:** assembled.

Code

**13742**



n° 50



AISI 304  
Stainless steel



Reinforced  
polyamide



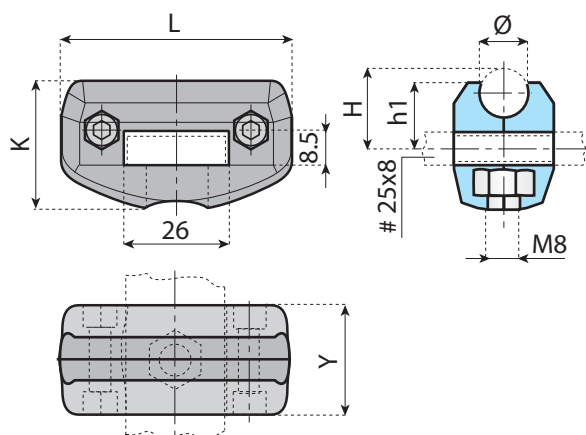
Consult see page  
103  
for round profile



Accessories



Range  
extension



## ADJUSTABLE CLAMP

**Material:** clamp in reinforced polyamide, bolt in stainless steel, nut in nickel plated brass.

**Supply:** assembled.

Code

**13743**

**13741**

**13744NV**

**13740**

Ø

L

K

Y

H

h1



n° 50

|         |    |    |      |    |      |      |       |
|---------|----|----|------|----|------|------|-------|
| 13743   | 8  | 58 | 33   | 21 | 18   | 16   | n° 50 |
| 13741   | 10 | 58 | 33   | 21 | 18.5 | 16   |       |
| 13744NV | 12 | 59 | 34.5 | 24 | 21   | 19   |       |
| 13740   | 14 | 58 | 34   | 25 | 22   | 17.5 |       |

# CLAMPS FOR ROUND PROFILE GUIDES

 Preferred type, readily available (codes marked in red)



AISI 303  
Stainless steel



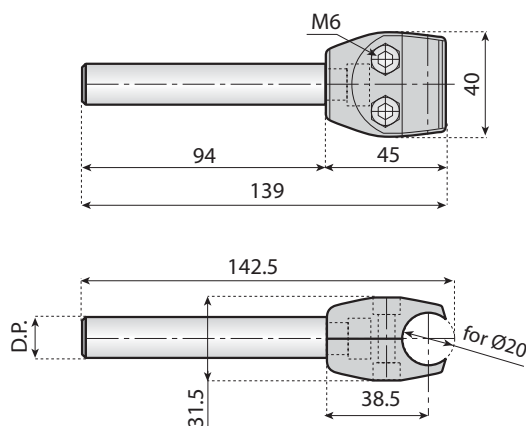
Reinforced  
polyamide



Consult see page  
103  
for round profile



Consult pages  
138 → 142  
for rod design



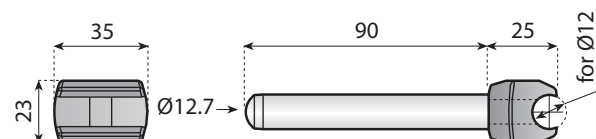
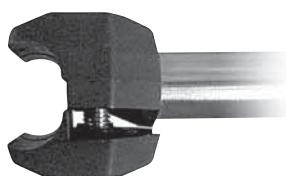
## DOUBLE CLAMP WITH ROD

**Material:** clamp in reinforced polyamide, bolt nut and rod in stainless steel.

**Supply:** assembled.

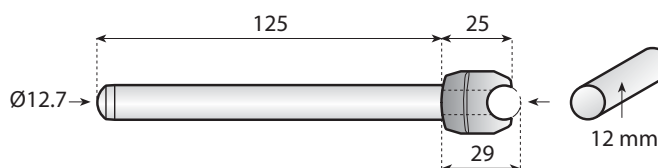
**Note:** code 13771 is supplied without rod.

| Code  | DP |       |
|-------|----|-------|
| 13771 | —  | n° 50 |
| 13772 | 12 |       |
| 13773 | 14 |       |
| 13774 | 16 |       |



Par.  
# 5,626,221  
(USA)

| Code     | Ref.         | L     |      |
|----------|--------------|-------|------|
| 13S00253 | VG-032-12-35 | 90 mm | n°10 |



## SINGLE CLAMP WITH ROD

**Material:** clamp in reinforced polyamide, bolt in stainless steel, nut in nickel plated brass, rod in stainless steel AISI 303.

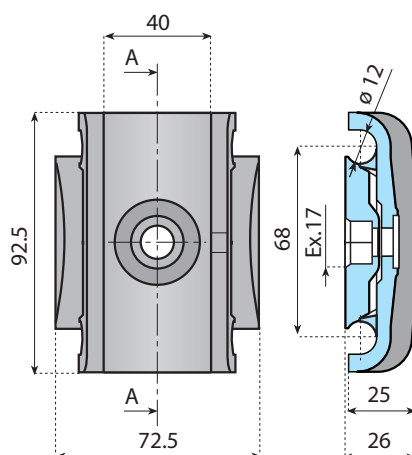
**Supply:** assembled.

| Code     | Ref.         | L      |      |
|----------|--------------|--------|------|
| 13S00254 | VG-032-12-50 | 125 mm | n°10 |

# CLAMPS FOR ROUND PROFILE GUIDES

 Preferred type, readily available (codes marked in red)

**IMPROVED  
DESIGN**



Code

**13761XP**



n° 50

**SS  
304**

AISI 304  
Stainless steel

**PA  
FG**

Reinforced  
polyamide



Consult see page  
103  
for round profile



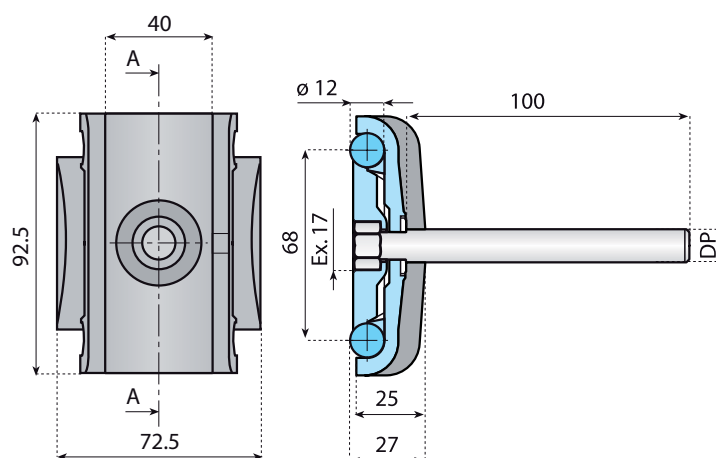
Consult pages  
138 ➔ 142  
for rod design

## DOUBLE CLAMP WITH ROD

**Material:** clamp in reinforced polyamide, nut and rod in stainless steel.

**Supply:** assembled.

**Note:** code 13761XP is supplied without rod.



Code

**13770XP**

**13772XP**

**13773XP**

DP

12

14

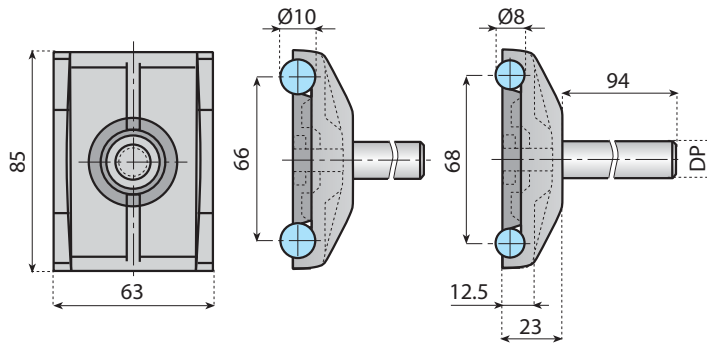
16



n° 50

# CLAMPS FOR ROUND PROFILE GUIDES

 Preferred type, readily available (codes marked in red)



## DOUBLE CLAMP FOR ROUND PROFILE GUIDES Ø 8-10 mm

**Material:** clamp in reinforced polyamide bolt, nut and rod in stainless steel.

**Note:** code 13754 is supplied without rod.

**Use:** round profile guides (8 or 10 mm) can be used simply turning the flange position.

| Code  | DP |       |
|-------|----|-------|
| 13754 | -  |       |
| 13755 | 12 | n° 50 |
| 13756 | 14 |       |
| 13757 | 16 |       |



AISI 304  
Stainless steel



Reinforced  
polyamide



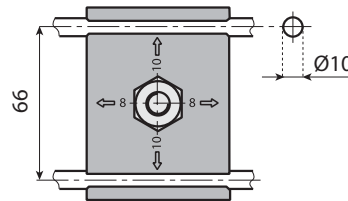
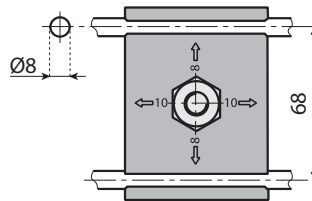
Consult see page  
103  
for round profile



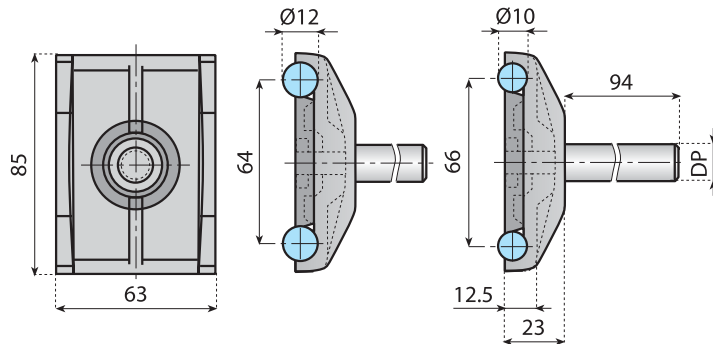
Consult pages  
138 ➔ 142  
for rod design

Flange position for assembling  
guides with diam. d = 8 mm.

Flange position for assembling  
guides with diam. d = 10 mm.



*Application  
example*



## DOUBLE CLAMP FOR ROUND PROFILE GUIDES Ø 10-12 mm

**Material:** clamp in reinforced polyamide bolt, nut and rod in stainless steel AISI 304

**Note:** code 13777 is supplied without rod.

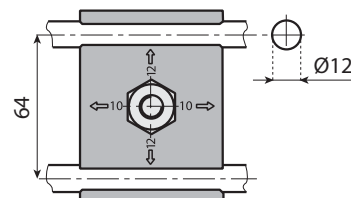
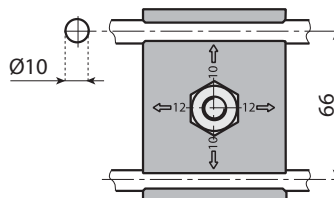
**Use:** round profile guides (10 or 12 mm) can be used simply turning the flange position.

| Code  | DP |       |
|-------|----|-------|
| 13777 | -  |       |
| 13778 | 12 | n° 50 |
| 13779 | 14 |       |
| 13780 | 16 |       |



Flange position for assembling  
guides with diam. d = 10 mm

Flange position for assembling  
guides with diam. = 12 mm



*Application  
example*

# CLAMPS FOR STANDARD SIDE GUIDES

 Preferred type, readily available (codes marked in red)



Nickel  
plated brass



AISI 303  
Stainless steel



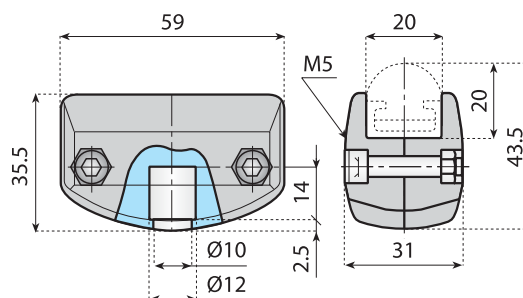
Reinforced  
polyamide



See page  
97



Consult pages  
138 ➔ 142  
for rod design



Code

**13001**

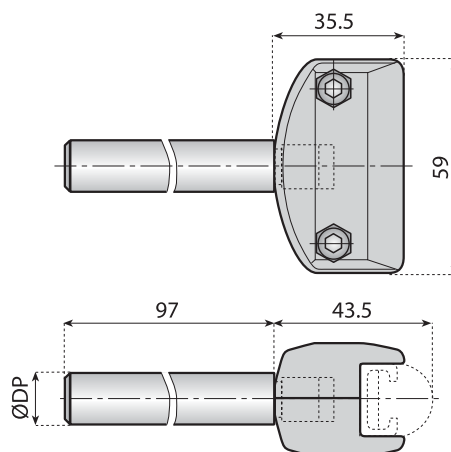


n° 100

## SINGLE CLAMP

**Material:** clamp in reinforced polyamide, bolt in stainless steel, nut in nickel plated brass.

**Supply:** assembled.



Code

**13002**

**13003**

**13004**

DP

12

14

16

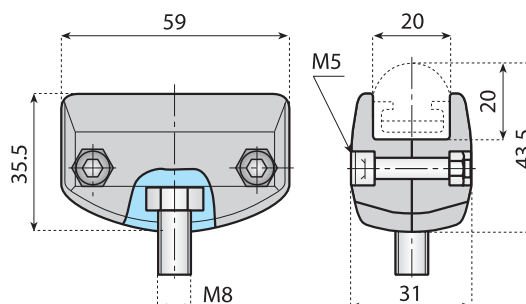


n° 50

## SINGLE CLAMP WITH ROD

**Material:** clamp in reinforced polyamide, bolt in stainless steel, nut in nickel plated brass, rod in stainless steel AISI 303.

**Supply:** unassembled.



Code

**13184**



n° 100

## SINGLE CLAMP

**Material:** clamp in reinforced polyamide, bolt in stainless steel, nut in nickel plated brass.

**Supply:** assembled.

# CLAMPS FOR STANDARD SIDE GUIDES

 Preferred type, readily available (codes marked in red)



Nickel  
plated brass



AISI 303  
Stainless steel



Reinforced  
polyamide



See page  
97



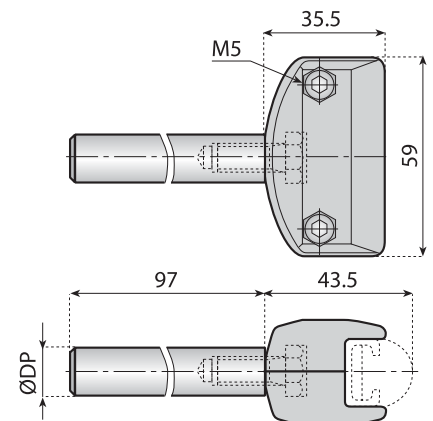
Consult pages  
138 ➔ 142  
for rod design



## SINGLE CLAMP WITH ROD

**Material:** clamp in reinforced polyamide, bolt in stainless steel, nut in nickel plated brass, rod in stainless steel AISI 303.  
**Supply:** unassembled.

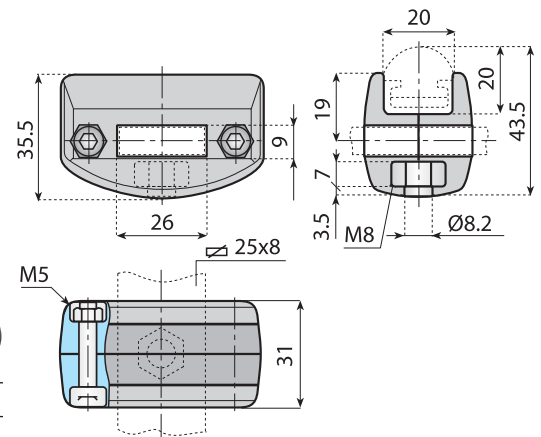
| Code         | DP |       |
|--------------|----|-------|
| <b>13797</b> | 12 | n° 50 |
| <b>13798</b> | 14 |       |
| <b>13799</b> | 16 |       |



## ADJUSTABLE SINGLE CLAMP

**Material:** clamp in reinforced polyamide, bolt in stainless steel, nut in nickel plated brass.  
**Supply:** assembled.

| Code         |  |       |
|--------------|--|-------|
| <b>13005</b> |  | n° 50 |



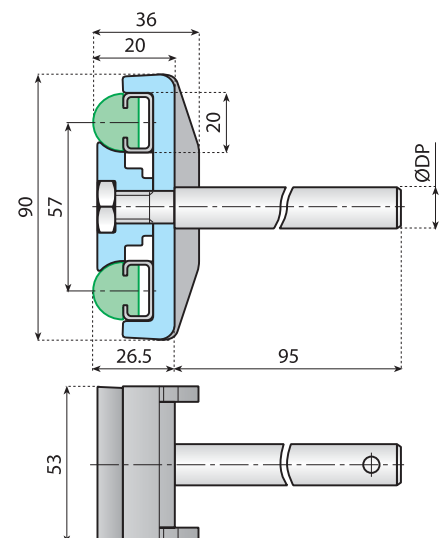
## DOUBLE CLAMP WITH ROD

**Material:** clamp in reinforced polyamide, nut and rod in stainless steel.

**Note:** code 13525 is supplied without rod.

**Supply:** unassembled.

| Code         | DP |       |
|--------------|----|-------|
| <b>13525</b> | -  | n° 50 |
| <b>13526</b> | 12 |       |
| <b>13527</b> | 14 |       |
| <b>13720</b> | 16 |       |



## ACCESSORIES FOR FLAT SIDE GUIDES

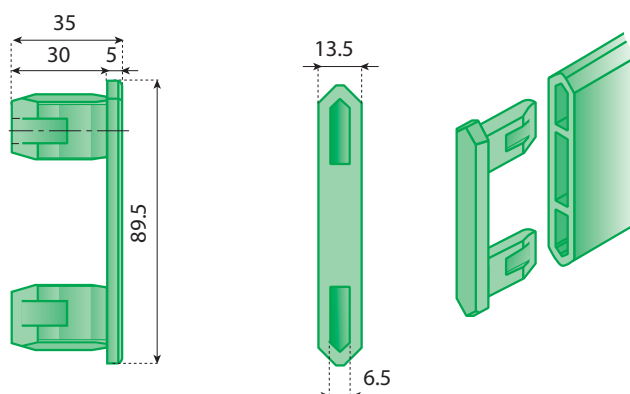
 Preferred type, readily available (codes marked in red)



Reinforced  
polyamide



See page  
100



### END-PLUG

**Use:** with flat side guide code  
19098 - 19098L

Code

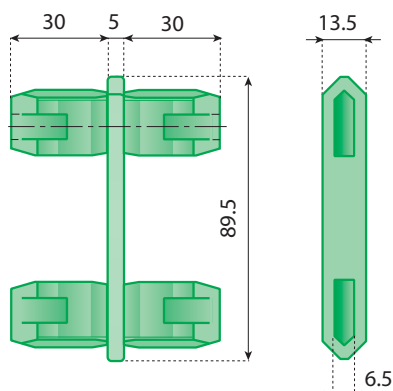
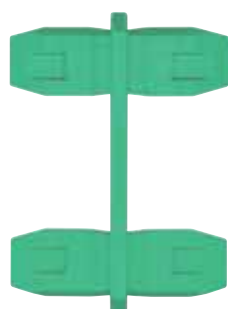
**13995**



n° 10



PA-FG



### CONNECTING PLUG

**Use:** with flat side guide code  
19098 - 19098L

Code

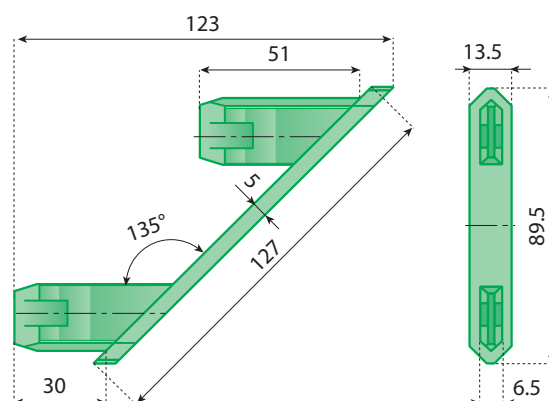
**13996**



n° 10



PA-FG



### END-PLUG

**Use:** with flat side guide code  
19098 - 19098L

Code

**13997**



n° 10



PA-FG

 Preferred type, readily available (codes marked in red)



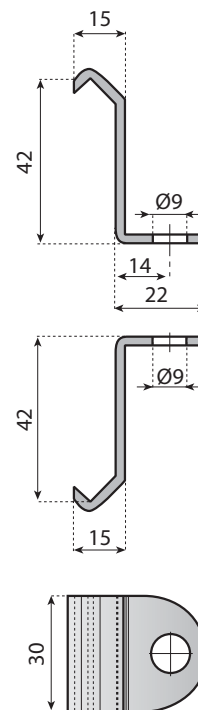
See page  
100



AISI 304  
Stainless steel



Consult pages  
138 ➔ 142  
for rod design



## FIXING CLAMP

**Thickness:**  $S = 3$  mm.

**Surface:** tumbling finish.

**Use:** with flat side guide code 19098 - 19098L

**Note:** the clamp is supplied without rod and bolt.

**Supply:** unassembled.

Code

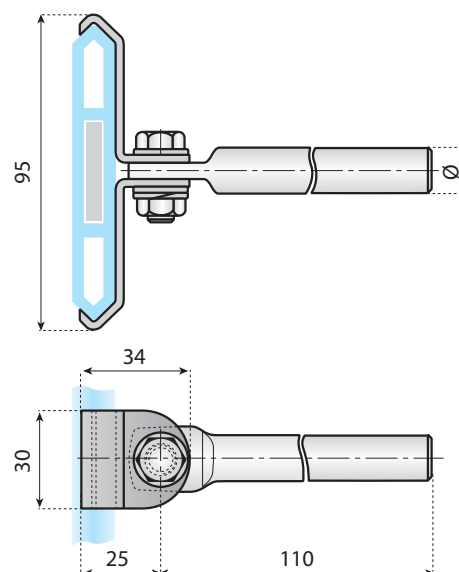
**13994**



n° 50



SS 304



## FIXING CLAMP WITH ROD

**Material:** clamp, rod, screw and washer in stainless steel.

**Thickness:**  $S = 3$  mm.

**Surface:** tumbling finish.

**Use:** with flat side guide code 19098 - 19098L

**Supply:** unassembled.

Code

**13982**

**13983**

**13984**

Rod Ø

12

14

16



n° 50

## ACCESSORIES FOR SIDE GUIDE (LARGE TYPE)

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



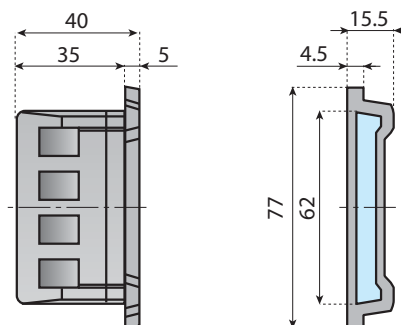
Reinforced  
polyamide



See page  
100



Consult pages  
138 ➔ 142  
for rod design



### END-PLUG

**Use:** with side guide rails code 19082 - 19082L

Code

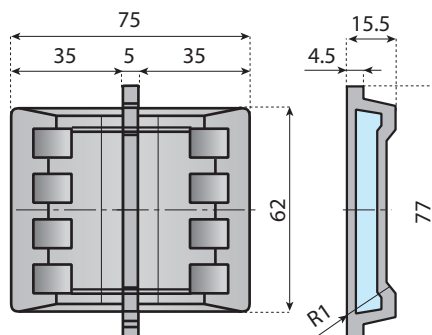
**13784**



n° 10



PA-FG



### PLUG

**Use:** with side guide code 19082 - 19082L

Code

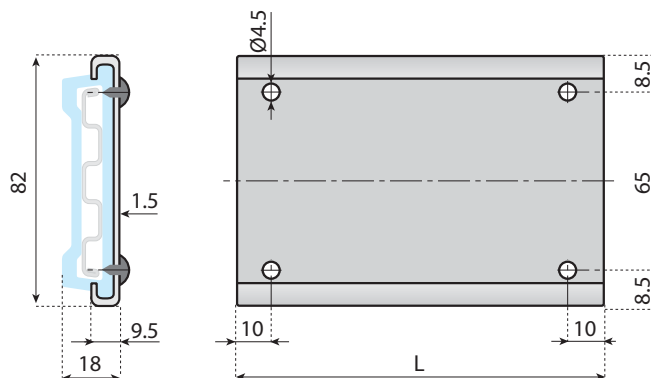
**13785**



n° 10



PA-FG



### COMBINER-CLAMP

**Material:** clamp and screws in stainless steel AISI 304.

**Thickness:**  $S = 1.5$  mm.

**Surface:** scotch brite finish.

**Use:** with side guide code 19082 - 19082L

**\*Packaging:** 10 pieces, complete with fixing screws.

Code

**13836**

**18333**

L

100

150



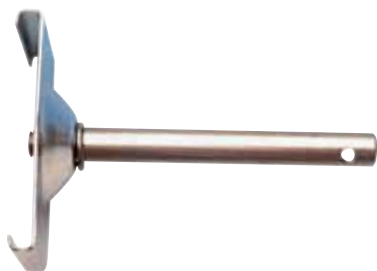
n° 10\*



SS 304

## CLAMPS FOR SIDE GUIDE (LARGE TYPE)

 Preferred type, readily available (codes marked in red)



### FIXING CLAMP One piece

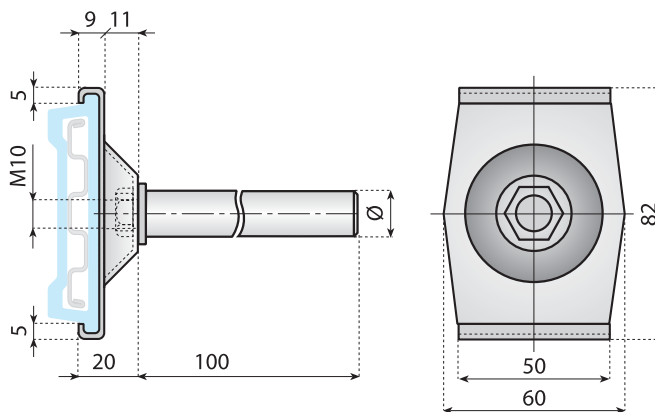
**Material:** clamp, washer and rod in stainless steel AISI 304.

**Thickness:**  $S = 1.5$  mm.

**Surface:** scotch brite finish.

**Note:** code 13171 is supplied without rod.

**Supply:** unassembled.



| Code  | For rod $\varnothing$ (mm) |       | Material |
|-------|----------------------------|-------|----------|
| 13171 | —                          |       |          |
| 13172 | 12                         | n° 50 | SS 304   |
| 13173 | 14                         |       |          |
| 13174 | 16                         |       |          |



Reinforced polyamide



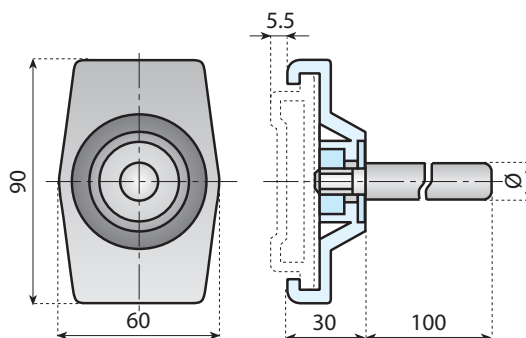
AISI 304  
Stainless steel



See page 100



Consult pages 138 ➔ 142  
for rod design



| Code  | For rod $\varnothing$ (mm) |       |
|-------|----------------------------|-------|
| 13719 | —                          |       |
| 13737 | 12                         | n° 50 |
| 13738 | 14                         |       |
| 13739 | 16                         |       |

### FIXING CLAMP

**Material:** clamp in reinforced polyamide, bolt and rod in stainless steel.



### FIXING CLAMP Two pieces

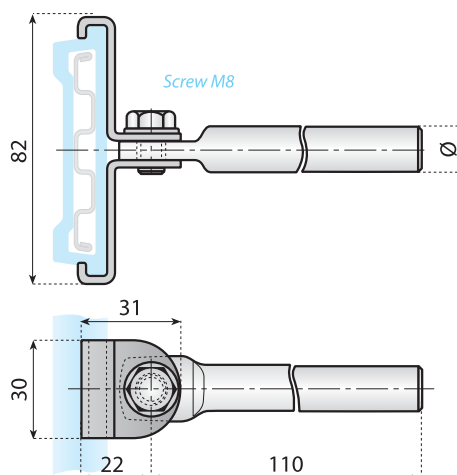
**Material:** clamp, screws, washer and rod in stainless steel AISI 304.

**Thickness:**  $S = 3$  mm.

**Surface:** tumbling finish.

**Note:** code 13834 is supplied without rod.

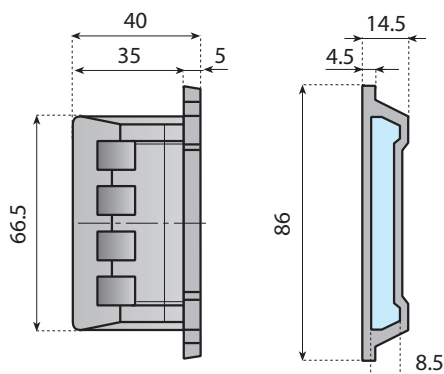
**Supply:** unassembled.



| Code  | For rod $\varnothing$ (mm) |       | Material |
|-------|----------------------------|-------|----------|
| 13834 | —                          |       |          |
| 13985 | 12                         | n° 50 | SS 304   |
| 13986 | 14                         |       |          |
| 13987 | 16                         |       |          |

## ACCESSORIES FOR SIDE GUIDES (EXTRA LARGE TYPE)

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Reinforced  
polyamide



See page  
100



Consult pages  
138 ➔ 142  
for rod design

### END-PLUG

**Material:** reinforced polyamide.

**Use:** with extra side guide code 19050 - 19050L

**Packaging:** 10 pieces.

Code

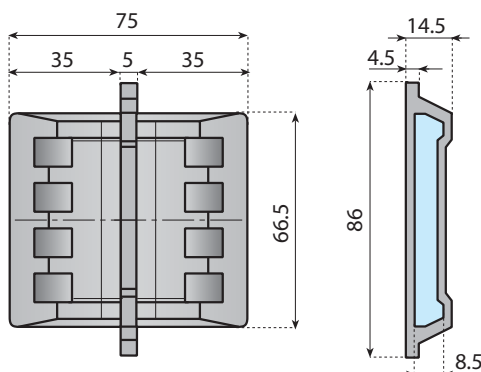
**13786**



n° 10



PA-FG



Code

**13787**



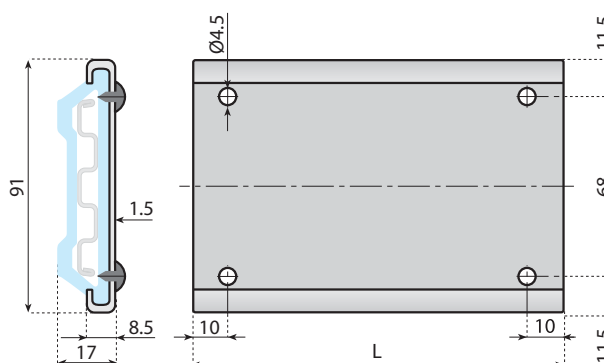
n° 10



PA-FG

### COMBINER-PLUG

**Use:** with extra side guide code 19050 - 19050L



Code

**13837**

L

100



n° 10\*



SS 304

### COMBINER-CLAMP

**Material:** clamp and screws in stainless steel AISI 304.

**Thickness:** S = 1.5 mm.

**Surface:** scotch brite finish.

**Use:** with extra side guide code 19050 - 19050L

**\*Packaging:** 10 pieces, complete with fixing screws.

## CLAMPS FOR SIDE GUIDE (EXTRA LARGE TYPE)

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



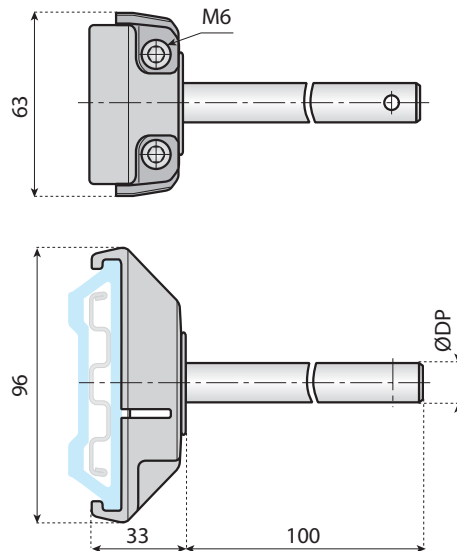
Reinforced  
polyamide



See page  
100



Consult pages  
138 ➔ 142  
for rod design



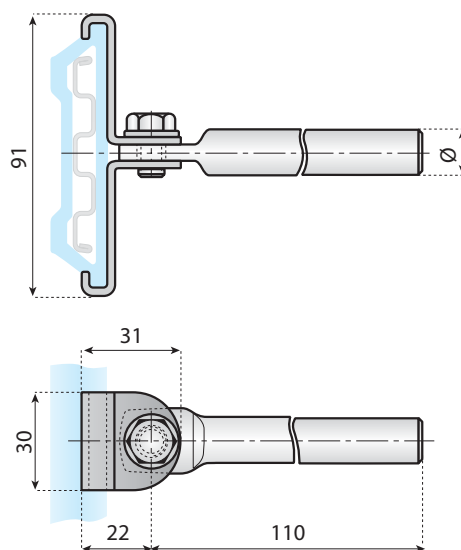
### CLAMPS

**Material:** clamp in reinforced polyamide, bolt and rod in stainless steel.

**Supply:** unassembled.

**Note:** code 13718 is supplied without rod.

| Code  | Ø DP |       |
|-------|------|-------|
| 13718 | —    | n° 50 |
| 13715 | 12   |       |
| 13716 | 14   |       |
| 13717 | 16   |       |



### FIXING CLAMP

**Thickness:** S = 2 mm.

**Surface:** tumbling finish.

**Use:** with extra side guide code 19050 - 19050L.

**Note:** code 13835 is supplied without rod and bolt.

**Supply:** unassembled.

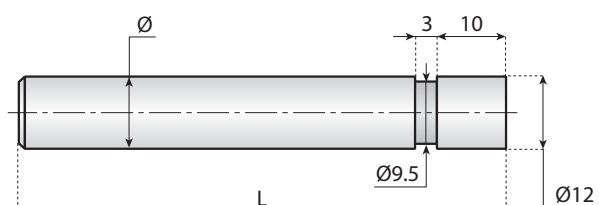
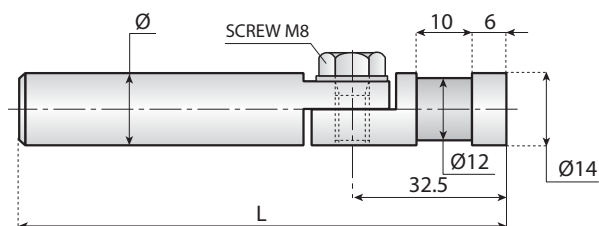
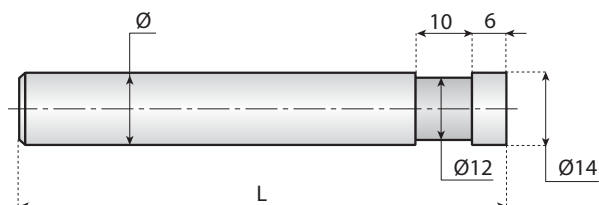
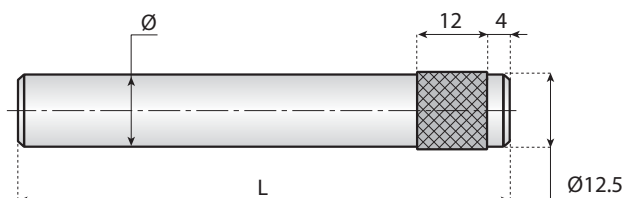
| Code  | For rod<br>Ø (mm) |       | Material |
|-------|-------------------|-------|----------|
| 13835 | —                 | n° 50 | SS 304   |
| 13494 | 12                |       |          |
| 13495 | 14                |       |          |
| 13496 | 16                |       |          |

# ADJUSTING RODS

 Preferred type, readily available (codes marked in red)



AISI 303  
Stainless steel



## ADJUSTING RODS

Use: with code 13006 - 13745 - 13771

| Code         | For rod<br>Ø (mm) | L   |       | Material |
|--------------|-------------------|-----|-------|----------|
| <b>13901</b> | 12                | 110 | n° 50 | SS 303   |
| <b>13902</b> |                   | 160 |       |          |

## ADJUSTING RODS

Use: with code 13006 - 13745 - 13771

| Code         | For rod<br>Ø (mm) | L   |       | Material |
|--------------|-------------------|-----|-------|----------|
| <b>13903</b> | 14                | 110 | n° 50 | SS 303   |
| <b>13904</b> |                   | 160 |       |          |
| <b>13905</b> | 16                | 110 | n° 50 | SS 303   |
| <b>13906</b> |                   | 160 |       |          |

## ADJUSTING RODS

Use: with code 13006 - 13745 - 13771

| Code         | For rod<br>Ø (mm) | L   |       | Material |
|--------------|-------------------|-----|-------|----------|
| <b>13775</b> | 16                | 150 | n° 50 | SS 303   |
| <b>13776</b> |                   | 250 |       |          |

## ADJUSTING RODS

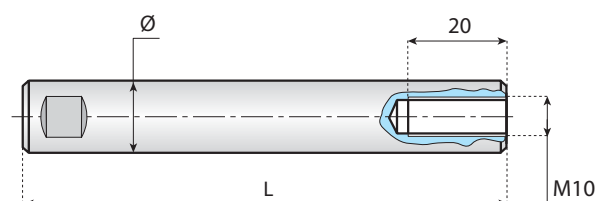
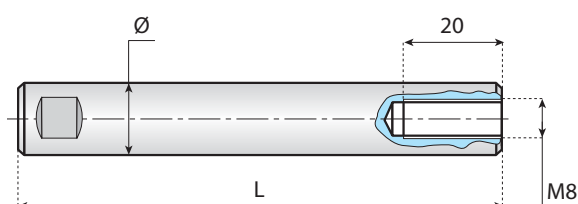
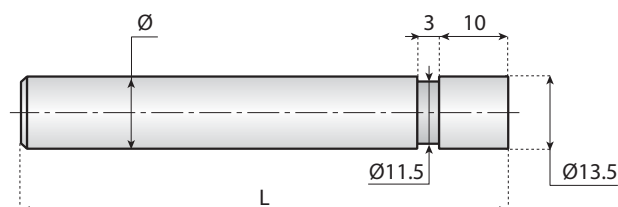
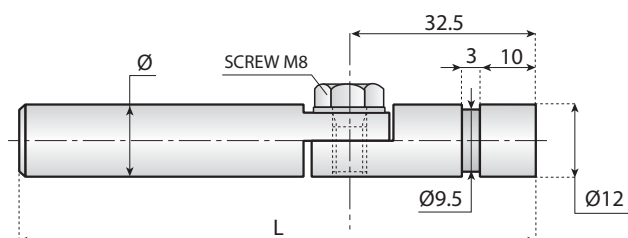
Use: with code 13788 - 13002 - 13721 - 13725

| Code          | For rod<br>Ø (mm) | L   |       | Material |
|---------------|-------------------|-----|-------|----------|
| <b>131153</b> |                   | 90  |       |          |
| <b>13933</b>  | 12                | 110 | n° 50 | SS 303   |
| <b>131154</b> |                   | 140 |       |          |
| <b>13934</b>  |                   | 160 |       |          |
| <b>131155</b> |                   | 190 |       |          |
| <b>13935</b>  | 14                | 110 | n° 50 | SS 303   |
| <b>13936</b>  |                   | 160 |       |          |
| <b>13937</b>  | 16                | 110 | n° 50 | SS 303   |
| <b>13938</b>  |                   | 160 |       |          |

 Preferred type, readily available (codes marked in red)



AISI 303  
Stainless steel



## ADJUSTING RODS

Use: with code 13788 - 13001 - 13721 - 13725

| Code         | For rod Ø (mm) | L   |       | Material |
|--------------|----------------|-----|-------|----------|
| <b>13939</b> | 16             | 150 | n° 50 | SS 303   |
| <b>13940</b> |                | 250 |       |          |

## ADJUSTING RODS

Use: with code 13006NV

| Code         | For rod Ø (mm) | L   |       | Material |
|--------------|----------------|-----|-------|----------|
| <b>13907</b> | 14             | 110 | n° 50 | SS 303   |
| <b>13908</b> |                | 160 |       |          |
| <b>13909</b> | 16             | 110 | n° 50 | SS 303   |
| <b>13910</b> |                | 160 |       |          |

## ADJUSTING RODS

Use: with code 13012 - 13013 - 13014

13792 - 13184 - 13729 - 13733

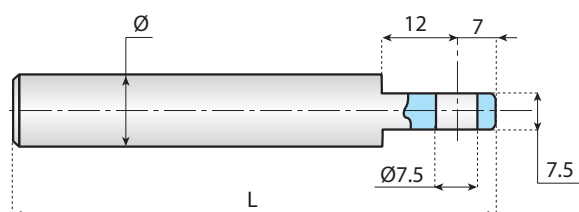
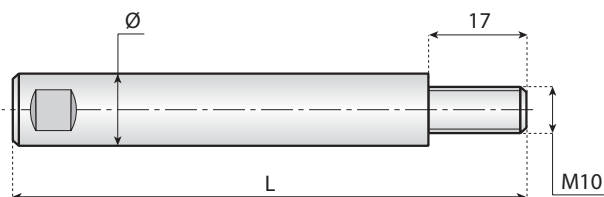
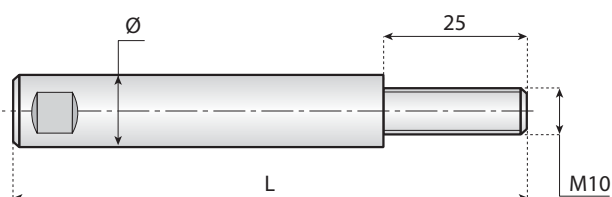
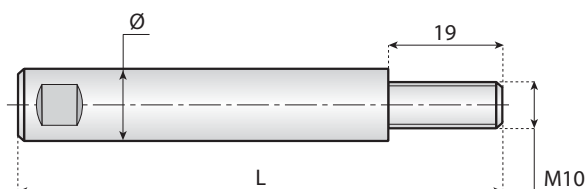
| Code          | For rod Ø (mm) | L   |       | Material |
|---------------|----------------|-----|-------|----------|
| <b>13911</b>  |                | 80  |       |          |
| <b>13912</b>  | 12             | 100 | n° 50 | SS 303   |
| <b>13913</b>  |                | 150 |       |          |
| <b>131137</b> |                | 200 |       |          |
| <b>13914</b>  |                | 100 |       |          |
| <b>13915</b>  | 14             | 150 | n° 50 | SS 303   |
| <b>131138</b> |                | 200 |       |          |
| <b>13916</b>  |                | 100 |       |          |
| <b>13917</b>  | 16             | 150 | n° 50 | SS 303   |
| <b>131139</b> |                | 200 |       |          |

## ADJUSTING RODS

| Code          | For rod Ø (mm) | L   |       | Material |
|---------------|----------------|-----|-------|----------|
| <b>131140</b> |                | 100 |       |          |
| <b>131141</b> | 12             | 125 | n° 50 | SS 303   |
| <b>131142</b> |                | 200 |       |          |
| <b>131143</b> |                | 100 |       |          |
| <b>131130</b> |                | 120 |       |          |
| <b>131144</b> | 14             | 150 | n° 50 | SS 303   |
| <b>131131</b> |                | 170 |       |          |
| <b>131145</b> |                | 200 |       |          |
| <b>131146</b> |                | 250 |       |          |
| <b>131134</b> |                | 95  |       |          |
| <b>131132</b> |                | 120 |       |          |
| <b>131147</b> | 16             | 150 | n° 50 | SS 303   |
| <b>131133</b> |                | 170 |       |          |
| <b>131148</b> |                | 200 |       |          |
| <b>131149</b> |                | 250 |       |          |

# ADJUSTING RODS

 Preferred type, readily available (codes marked in red)



## ADJUSTING RODS

**Use:** with code 13008NV - 13777 - 13761  
13163 - 13754 - 13718 - 13761NV

| Code         | For rod<br>$\varnothing$<br>(mm) | L   |       | Material |
|--------------|----------------------------------|-----|-------|----------|
| <b>13918</b> | 12                               | 120 | n° 50 | SS 303   |
| <b>13919</b> |                                  | 170 |       |          |
| <b>13920</b> | 14                               | 120 | n° 50 | SS 303   |
| <b>13921</b> |                                  | 170 |       |          |
| <b>13922</b> | 16                               | 120 | n° 50 | SS 303   |
| <b>13923</b> |                                  | 170 |       |          |

## ADJUSTING RODS

**Use:** with code 13525.

| Code         | For rod<br>$\varnothing$<br>(mm) | L   |       | Material |
|--------------|----------------------------------|-----|-------|----------|
| <b>13941</b> | 12                               | 120 | n° 50 | SS 303   |
| <b>13942</b> |                                  | 170 |       |          |
| <b>13943</b> | 14                               | 120 | n° 50 | SS 303   |
| <b>13944</b> |                                  | 170 |       |          |
| <b>13945</b> | 16                               | 120 | n° 50 | SS 303   |
| <b>13946</b> |                                  | 170 |       |          |

## ADJUSTING RODS

**Use:** with code 13171.

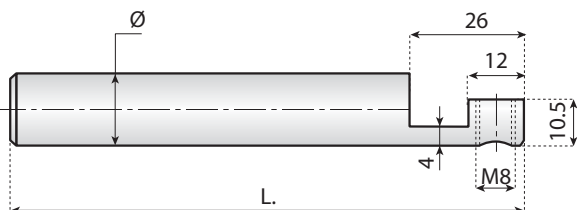
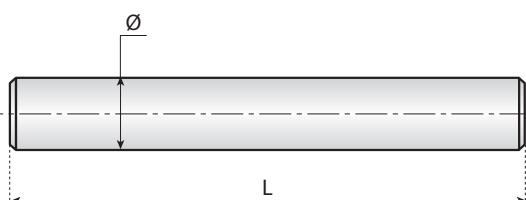
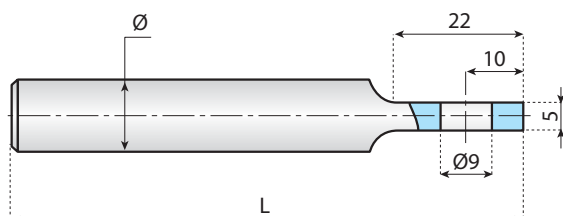
| Code          | For rod<br>$\varnothing$<br>(mm) | L   |       | Material |
|---------------|----------------------------------|-----|-------|----------|
| <b>131150</b> |                                  | 90  | n° 50 | SS 303   |
| <b>13947</b>  |                                  | 120 |       |          |
| <b>131151</b> | 12                               | 140 |       |          |
| <b>13948</b>  |                                  | 170 |       |          |
| <b>131152</b> |                                  | 210 | n° 50 | SS 303   |
| <b>13950</b>  | 14                               | 120 |       |          |
| <b>13951</b>  |                                  | 170 |       |          |
| <b>131135</b> |                                  | 104 |       |          |
| <b>13952</b>  | 16                               | 120 | n° 50 | SS 303   |
| <b>13953</b>  |                                  | 170 |       |          |

## ADJUSTING RODS

**Use:** with code 13167.

| Code         | For rod<br>$\varnothing$<br>(mm) | L   |       | Material |
|--------------|----------------------------------|-----|-------|----------|
| <b>13924</b> | 12                               | 120 | n° 50 | SS 303   |
| <b>13925</b> |                                  | 170 |       |          |
| <b>13926</b> | 14                               | 120 | n° 50 | SS 303   |
| <b>13927</b> |                                  | 170 |       |          |
| <b>13928</b> | 16                               | 120 | n° 50 | SS 303   |
| <b>13929</b> |                                  | 170 |       |          |

 Preferred type, readily available (codes marked in red)



## ADJUSTING RODS

**Use:** with code 13829 - 13850 - 13800 - 13833.

| Code         | For rod<br>Ø<br>(mm) | L   |  | Material |
|--------------|----------------------|-----|-------------------------------------------------------------------------------------|----------|
| <b>13954</b> | 12                   | 120 | n° 50                                                                               | SS 303   |
| <b>13955</b> |                      | 170 |                                                                                     |          |
| <b>13956</b> | 14                   | 120 | n° 50                                                                               | SS 303   |
| <b>13957</b> |                      | 170 |                                                                                     |          |
| <b>13958</b> | 16                   | 120 | n° 50                                                                               | SS 303   |
| <b>13959</b> |                      | 170 |                                                                                     |          |

## ADJUSTING RODS

| Code          | For rod<br>Ø<br>(mm) | L   |  | Material |
|---------------|----------------------|-----|-------------------------------------------------------------------------------------|----------|
| <b>131112</b> | 12                   | 200 |                                                                                     |          |
| <b>131113</b> | 12                   | 250 | n° 50                                                                               | SS 303   |
| <b>131114</b> | 12                   | 300 |                                                                                     |          |
| <b>131115</b> | 14                   | 200 |                                                                                     |          |
| <b>131116</b> | 14                   | 250 | n° 50                                                                               | SS 303   |
| <b>131117</b> | 14                   | 300 |                                                                                     |          |
| <b>131118</b> | 16                   | 100 |                                                                                     |          |
| <b>131119</b> | 16                   | 150 | n° 50                                                                               | SS 303   |
| <b>131120</b> | 16                   | 250 |                                                                                     |          |
| <b>131121</b> | 16                   | 300 |                                                                                     |          |
| <b>131122</b> | 20                   | 250 | n° 50                                                                               | SS 303   |
| <b>131123</b> | 20                   | 350 |                                                                                     |          |

## ADJUSTING RODS

**Use:** with code 190265 - 190265F

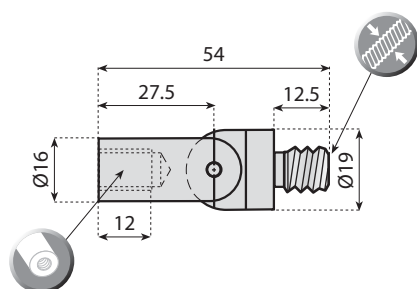
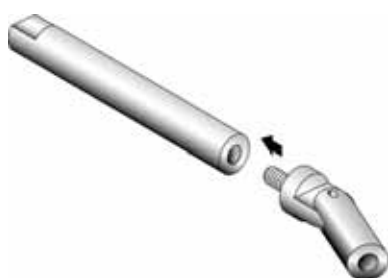
| Code          | For rod<br>Ø<br>(mm) | L   |  | Material |
|---------------|----------------------|-----|---------------------------------------------------------------------------------------|----------|
| <b>131124</b> | 14                   | 200 | n° 50                                                                                 | SS 303   |
| <b>131125</b> |                      | 250 |                                                                                       |          |
| <b>131126</b> | 16                   | 200 | n° 50                                                                                 | SS 303   |
| <b>131127</b> |                      | 250 |                                                                                       |          |

# JOINT ROD ADAPTER

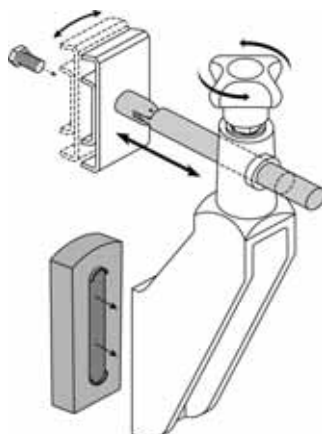
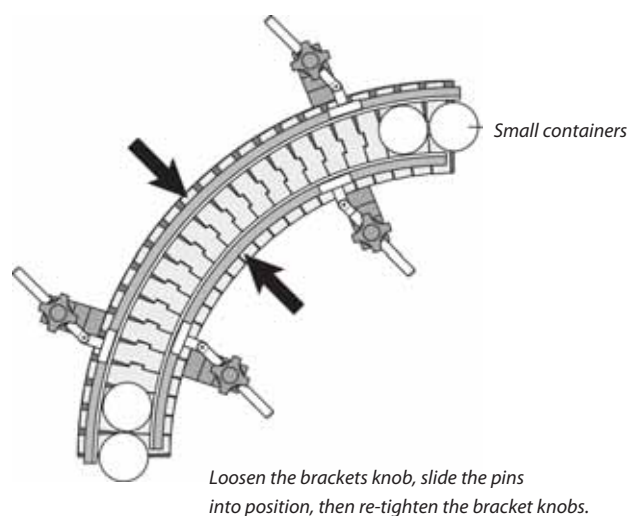
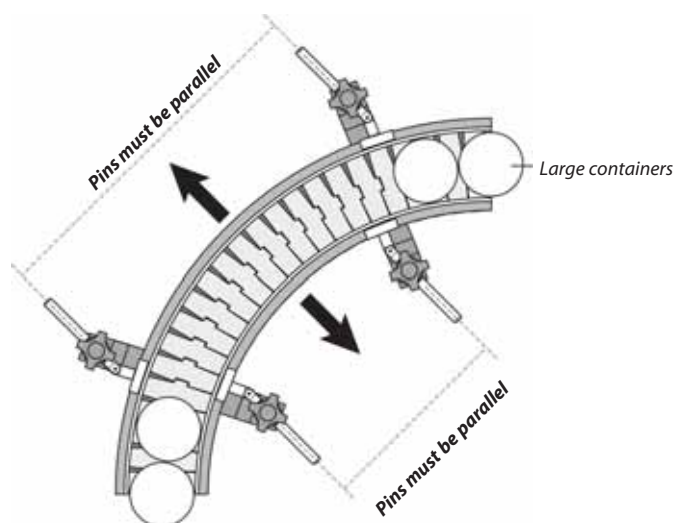
 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



| Code            | Ref.              |  |  |  | Material |
|-----------------|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|
| <b>13S00260</b> | VG-222JQ-M8       | M8                                                                                  | M8                                                                                  | n°10                                                                                | SS 304   |
| <b>13S00259</b> | VG-222JQ-M10      | M10                                                                                 | M10                                                                                 |                                                                                     |          |
| <b>13S00261</b> | VG-222JQ-M8M-M10F | M8                                                                                  | M10                                                                                 |                                                                                     |          |



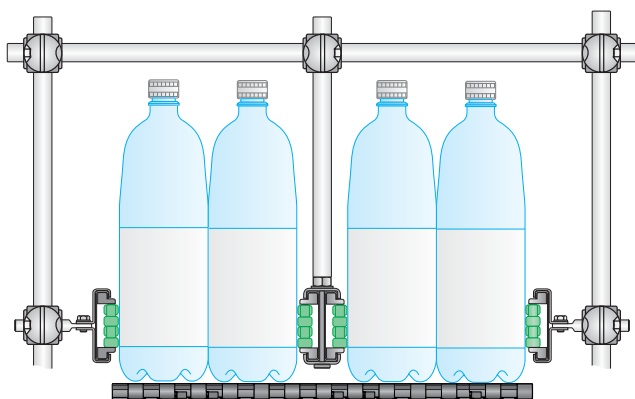
## BRACKET SPACERS FOR ROD USE

Spacers may be required for proper set back of the brackets to allow for the jointed adjusting rod clevis extension. For details on spacers to pages 246-248



**Roller side guide**

# INTERMEDIARY ROLLER GUIDES



Accessories



Acetal resin



Polyamide



AISI 304  
stainless steel

## INTERMEDIARY ROLLER GUIDE

**Material:** straps in reinforced polyamide, rollers in acetal resin, profile in stainless steel.

**Pins:** see table.

**Standard packaging:** 1 roller guide L = 3 m.

**Note:** 2 profiles are required to build 1 intermediary guide

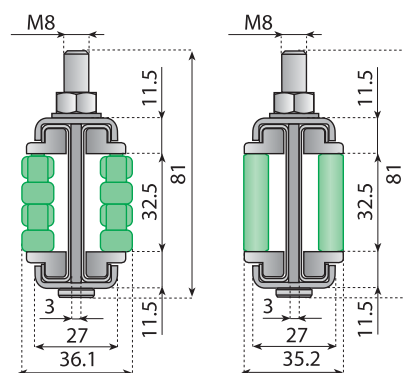
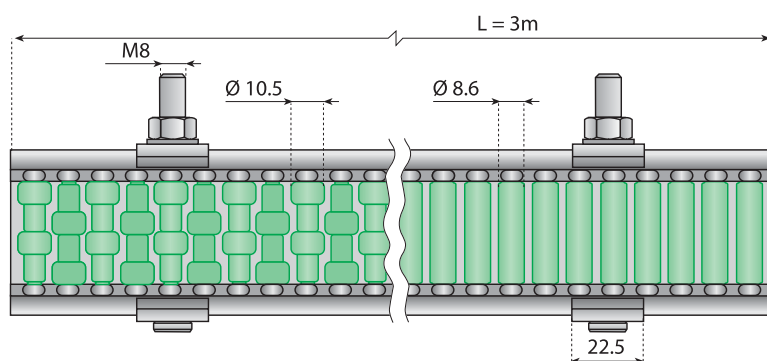
Connecting material to be ordered separately.

**Applications:** designed for rugged boxes and multi-packs.

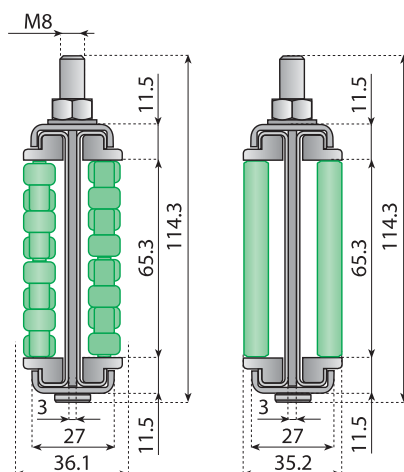
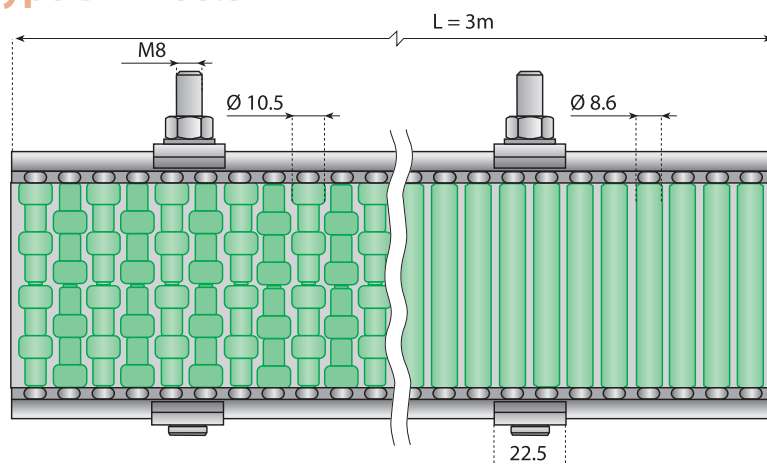
| Code                                                                              | Code                                                                              |        | Kg/m | Pins Material | Roller     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------|------|---------------|------------|
|  |  |        |      |               |            |
| 16921                                                                             | 16924                                                                             | Type A | 2.05 | POM           | Orange     |
| 16921K                                                                            | 16924K                                                                            |        |      |               | White      |
| 16921V                                                                            | 16924V                                                                            |        |      |               | Green      |
| 16921W                                                                            | 16924W                                                                            |        |      |               | Water blue |
| 16922                                                                             | 16925                                                                             | Type A | 2.63 | SS 304        | Orange     |
| 16922K                                                                            | 16925K                                                                            |        |      |               | White      |
| 16922V                                                                            | 16925V                                                                            |        |      |               | Green      |
| 16922W                                                                            | 16925W                                                                            |        |      |               | Water blue |
| 16923                                                                             | 16926                                                                             | Type B | 4.11 | SS 304        | Orange     |
| 16923K                                                                            | 16926K                                                                            |        |      |               | White      |
| 16923V                                                                            | 16926V                                                                            |        |      |               | Green      |
| 16923W                                                                            | 16926W                                                                            |        |      |               | Water blue |

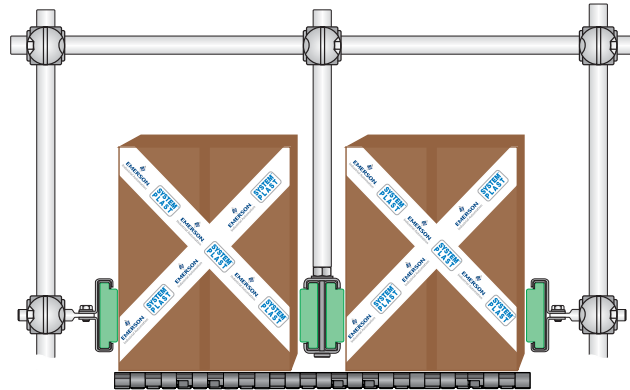
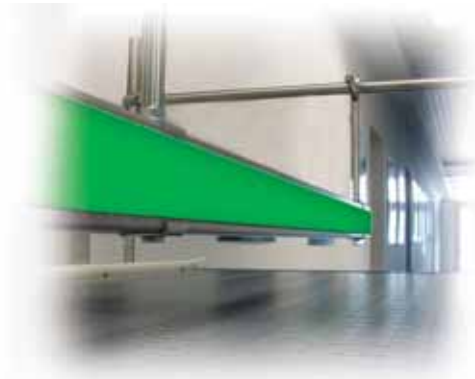
Bending radius: min 750 mm

## Type A - H 55.5



## Type B - H 88.3





**PE**  
Polyethylene

**SS 303**  
AISI 304  
stainless steel

147  
Accessories

## INTERMEDIARY GUIDE

**Material:** profile in stainless steel, bar in polyethylene.

**Standard packaging:** 1 guide L = 3 m.

**Note:** 2 profiles are required to build 1 intermediary guide

Connecting material to be ordered separately

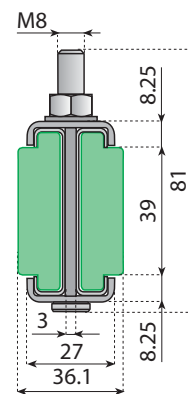
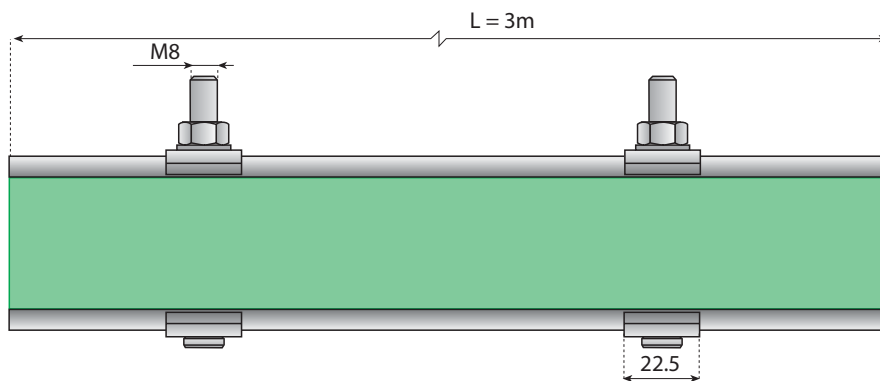
**Applications:** designed for rugged boxes and containers.

Code

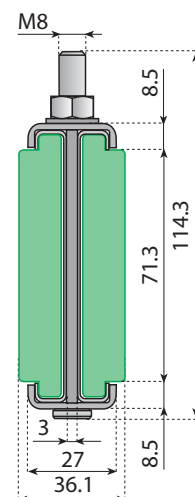
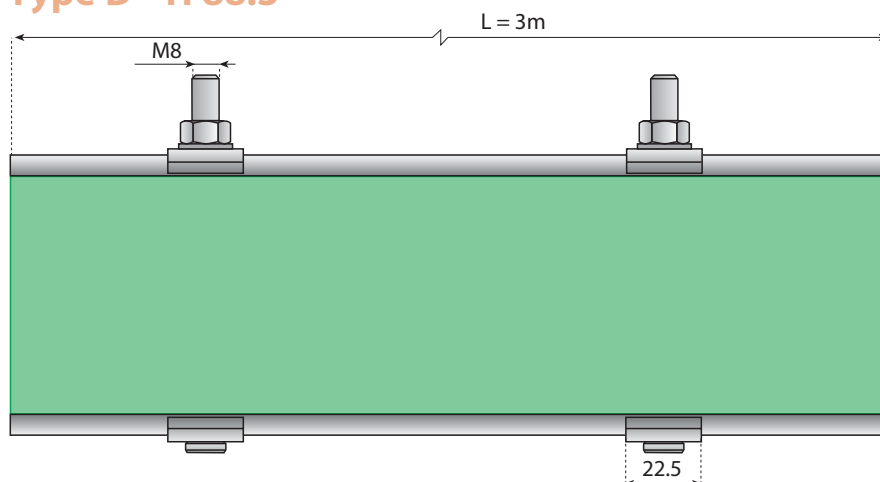


|               |        |      |    |       |
|---------------|--------|------|----|-------|
| <b>16927V</b> | Type C | 2.64 | PE | Green |
| <b>16928V</b> | Type D | 4.15 | PE | Green |

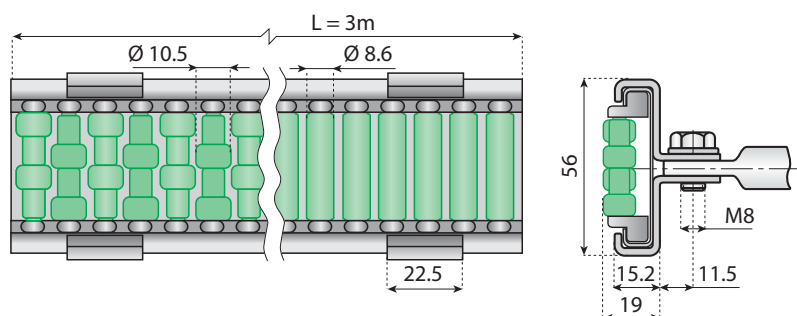
## Type C - H 55.5



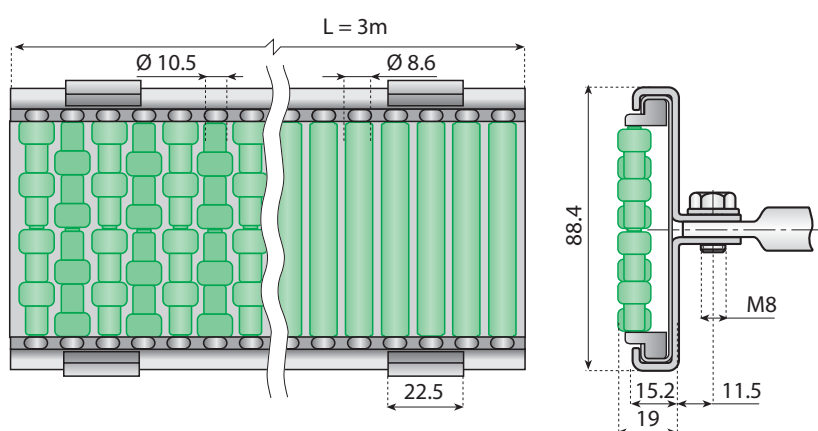
## Type D - H 88.3



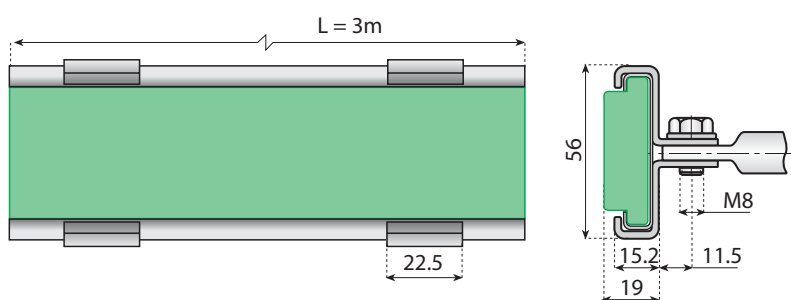
## Type A - H 55.5



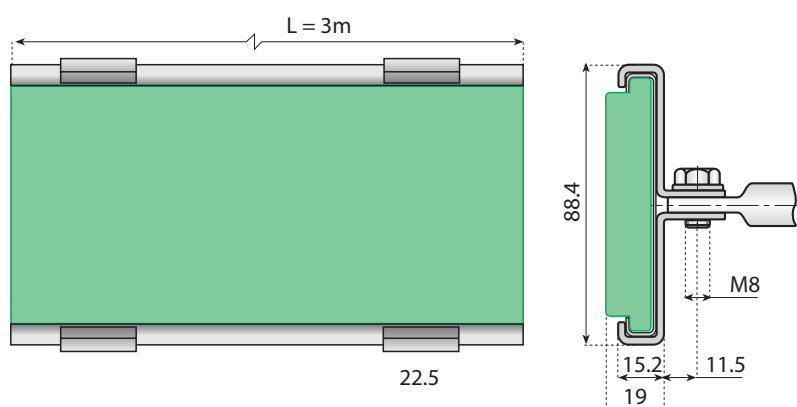
## Type B - H 88.3



## Type C - H 55.5



## Type D - H 88.3



### SIDE GUIDE

**Material:** straps in reinforced polyamide, rollers in acetal resin, bar in polyethylene, profile in stainless steel.

**Pins:** see table.

**Standard packaging:** 1 guide  $L = 3 m$ .

Connecting material to be ordered separately

**Applications:** designed for rugged boxes and containers.

| Code   | Code   |        | Kg/m | Pins Material | Roller     |
|--------|--------|--------|------|---------------|------------|
| 16921  | 16924  | Type A | 1.03 | POM           | Orange     |
| 16921K | 16924K |        |      |               | White      |
| 16921V | 16924V |        |      |               | Green      |
| 16921W | 16924W |        |      |               | Water blue |
| 16922  | 16925  | Type A | 1.32 | SS 304        | Orange     |
| 16922K | 16925K |        |      |               | White      |
| 16922V | 16925V |        |      |               | Green      |
| 16922W | 16925W |        |      |               | Water blue |
| 16923  | 16926  | Type B | 2.06 | SS 304        | Orange     |
| 16923K | 16926K |        |      |               | White      |
| 16923V | 16926V |        |      |               | Green      |
| 16923W | 16926W |        |      |               | Water blue |



Accessories

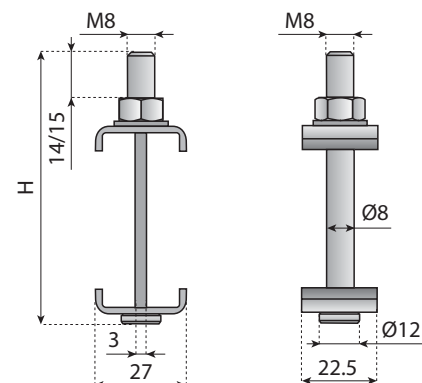
| Code   |        | Kg/m | Profile Material | Roller |
|--------|--------|------|------------------|--------|
| 16927V | Type C | 1.32 | PE               | Green  |
| 16928V | Type D | 2.08 | PE               | Green  |



| Code   |                   | H     | Profile Material |
|--------|-------------------|-------|------------------|
| 131160 | Type A (2 roller) | 81    | SS 304           |
| 131161 | Type B (4 roller) | 114.3 | SS 304           |

## FIXING CLAMP

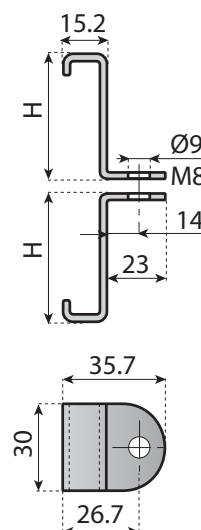
**Surface:** tumbling finish.  
**Supply:** unassembled.



| Code   |                   | H    | Profile Material |
|--------|-------------------|------|------------------|
| 131162 | Type A (2 roller) | 25.5 | SS 304           |
| 131163 | Type B (4 roller) | 41.7 | SS 304           |

## FIXING CLAMP

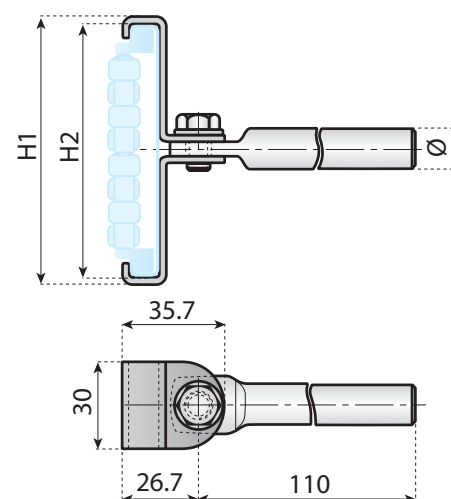
**Thickness:** S = 2.5 mm.  
**Surface:** tumbling finish.  
**Note:** the clamp is supplied without rod and bolt.  
**Supply:** unassembled.



| Code   |                   | Rod Ø | H1   | H2   | Profile Material |
|--------|-------------------|-------|------|------|------------------|
| 131164 | Type A (2 roller) | 12    | 56   | 51   | SS 304           |
| 131165 |                   | 14    |      |      |                  |
| 131166 |                   | 16    |      |      |                  |
| 131167 | Type A (4 roller) | 12    | 88.4 | 83.4 | SS 304           |
| 131168 |                   | 14    |      |      |                  |
| 131169 |                   | 16    |      |      |                  |

## FIXING CLAMP WITH ROD

**Material:** clamp, rod, screw and washer in stainless steel.  
**Thickness:** S = 2.5 mm.  
**Surface:** tumbling finish.  
**Supply:** unassembled.



# FLEXIBLE ROLLER MODULES FOR STRAIGHT AND CURVED SECTIONS



## FLEXIBLE ROLLER MODULES - TWO ROLLERS -

**Material:** straps and spacer in reinforced polyamide, rollers and pins in acetal resin, screws in stainless steel.

**Application:** designed for boxes and containers (glass and plastic bottles, tin cans, strong aluminium cans).

### Features:

- Improved design • Smaller rollers and pitch • Improved performance • Reduced dimensions • Low noise rollers
- Excellent for accumulation areas • Long life and smooth operation. • Easy and quick installation.

Preferred type, readily available (codes marked in red)



Acetal resin



Polyamide



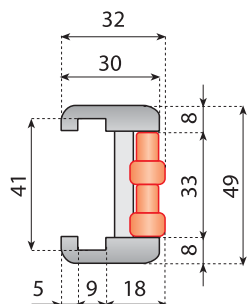
AISI 304  
Stainless steel



Accessories



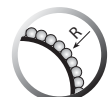
Anodized aluminium



### SINGLE MODULE



For flat bar 40x8



Internal curve  
R min 250

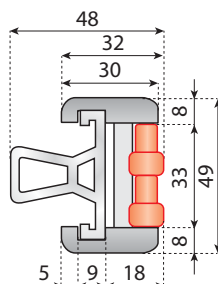


External curve  
R min 300

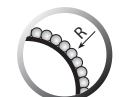
| Code   | Roller     |
|--------|------------|
| 16600  | Orange     |
| 16600K | White      |
| 16600V | Green      |
| 16600W | Water blue |

### Supply:

single module L. 348 mm



### WITH ALUMINIUM PROFILE



Internal curve  
R min 500

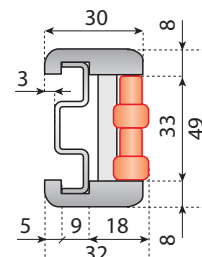


External curve  
R min 500

| Code   | Roller     |
|--------|------------|
| 16650  | Orange     |
| 16650K | White      |
| 16650V | Green      |
| 16650W | Water blue |

### Supply:

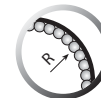
3m aluminium profile, 9 roller modules



### WITH STEEL PROFILE



Internal curve  
R min 400

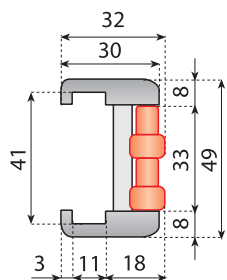


External curve  
R min 450

| Code   | Roller     |
|--------|------------|
| 16655  | Orange     |
| 16655K | White      |
| 16655V | Green      |
| 16655W | Water blue |

### Supply:

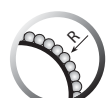
3m stainless steel profile, 9 roller modules



### SINGLE MODULE



For flat bar 40x10



Internal curve  
R min 250

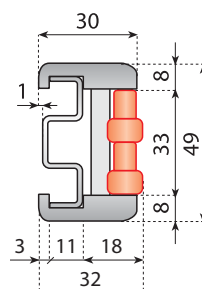


External curve  
R min 300

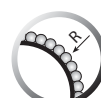
| Code   | Roller     |
|--------|------------|
| 16610  | Orange     |
| 16610K | White      |
| 16610V | Green      |
| 16610W | Water blue |

### Supply:

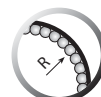
single module L. 348 mm



### WITH STEEL PROFILE



Internal curve  
R min 400

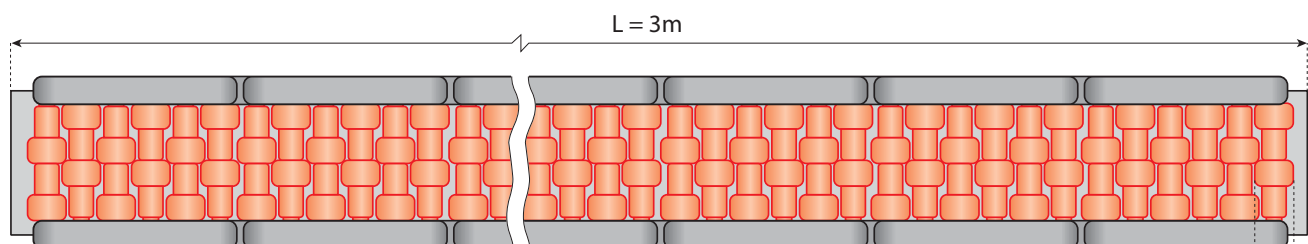


External curve  
R min 450

| Code   | Roller     |
|--------|------------|
| 16660  | Orange     |
| 16660K | White      |
| 16660V | Green      |
| 16660W | Water blue |

### Supply:

3m steel profile, 9 roller modules



Single module 348.5 mm

Ø10.5

# FLEXIBLE ROLLER MODULES FOR STRAIGHT AND CURVED SECTIONS



## FLEXIBLE ROLLER MODULES - SINGLE ROLLER -

**Material:** straps and spacer in reinforced polyamide, rollers and pins in acetal resin, screws in stainless steel, metal profile in anodized aluminium.

**Application:** designed for boxes and containers (glass and plastic bottles, tin cans, strong aluminium cans).

### Features:

- Improved design • Smaller rollers and pitch • Improved performance • Reduced dimensions • Low noise rollers
- Excellent for accumulation areas • Long life and smooth operation. • Easy and quick installation.

Preferred type, readily available (codes marked in red)



Acetal resin



Polyamide



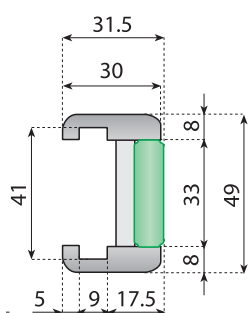
AISI 304  
Stainless steel



Accessories



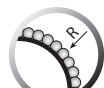
Anodized aluminium



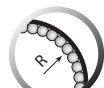
### SINGLE MODULE



For flat bar 40x8



Internal curve  
R min 250

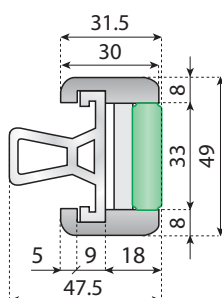


External curve  
R min 300

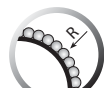
| Code   | Roller     |
|--------|------------|
| 16605  | Orange     |
| 16605K | White      |
| 16605V | Green      |
| 16605W | Water blue |

### Supply:

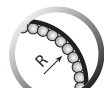
single module L. 348 mm



### WITH ALUMINIUM PROFILE



Internal curve  
R min 500

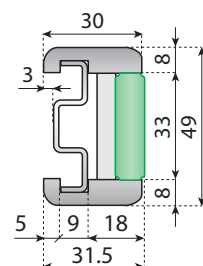


External curve  
R min 500

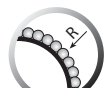
| Code   | Roller     |
|--------|------------|
| 16651  | Orange     |
| 16651K | White      |
| 16651V | Green      |
| 16651W | Water blue |

### Supply:

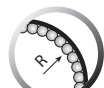
3m aluminium profile, 9 roller modules



### WITH STEEL PROFILE



Internal curve  
R min 400

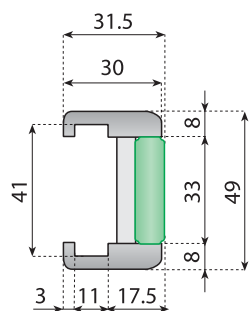


External curve  
R min 450

| Code   | Roller     |
|--------|------------|
| 16656  | Orange     |
| 16656K | White      |
| 16656V | Green      |
| 16656W | Water blue |

### Supply:

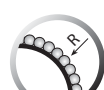
3m stainless steel profile, 9 roller modules



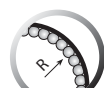
### SINGLE MODULE



For flat bar 40x10



Internal curve  
R min 250

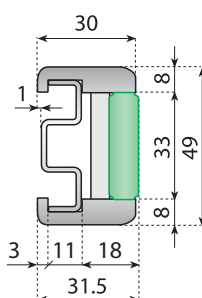


External curve  
R min 300

| Code   | Roller     |
|--------|------------|
| 16615  | Orange     |
| 16615K | White      |
| 16615V | Green      |
| 16615W | Water blue |

### Supply:

single module L. 348 mm



### WITH STEEL PROFILE



Internal curve  
R min 400



External curve  
R min 450

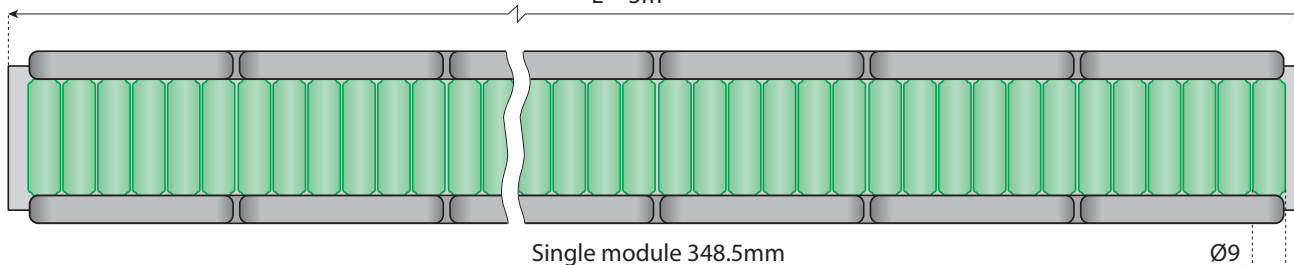
| Code   | Roller     |
|--------|------------|
| 16665  | Orange     |
| 16665K | White      |
| 16665V | Green      |
| 16665W | Water blue |

### Supply:

3m steel profile, 9 roller modules

Mini Gap

L = 3m



# FLEXIBLE ROLLER MODULES FOR STRAIGHT AND CURVED SECTIONS



## FLEXIBLE ROLLER MODULES - FOUR ROLLERS -

**Material:** straps and spacers in reinforced polyamide, rollers in acetal resin, screws in stainless steel.

**Application:** designed for boxes and containers (glass and plastic bottles, tin cans, strong aluminium cans).



Acetal resin



Polyamide



AISI 304  
Stainless steel



Accessories



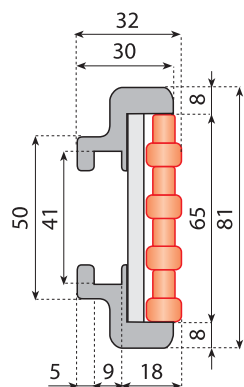
Anodized  
aluminium

### Features:

- Improved design • Smaller rollers and pitch • Improved performance • Reduced dimensions
- Low noise rollers • Excellent for accumulation areas • Long life and smooth operation • Easy and quick installation.

Preferred type, readily available (codes marked in red)

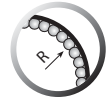
### SINGLE MODULE



For flat bar 40x8

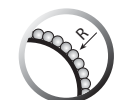
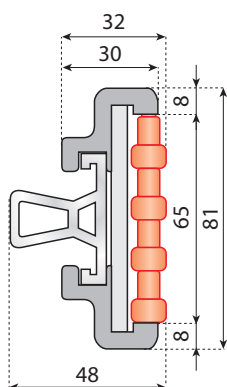


Internal curve  
R min 250

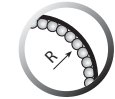


External curve  
R min 300

### WITH ALUMINIUM PROFILE

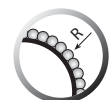
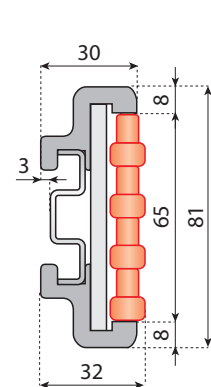


Internal curve  
R min 500

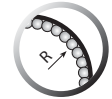


External curve  
R min 500

### WITH STEEL PROFILE



Internal curve  
R min 400



External curve  
R min 450

| Code          | Pins<br>Material | Roller     |
|---------------|------------------|------------|
| <b>16800</b>  | POM              | Orange     |
| <b>16800K</b> |                  | White      |
| <b>16800V</b> |                  | Green      |
| <b>16800W</b> |                  | Water blue |
| <b>16801</b>  | S/S<br>AISI 430  | Orange     |
| <b>16801K</b> |                  | White      |
| <b>16801V</b> |                  | Green      |
| <b>16801W</b> |                  | Water blue |

| Code          | Pins<br>Material | Roller     |
|---------------|------------------|------------|
| <b>16820</b>  | POM              | Orange     |
| <b>16820K</b> |                  | White      |
| <b>16820V</b> |                  | Green      |
| <b>16820W</b> |                  | Water blue |
| <b>16822</b>  | S/S<br>AISI 430  | Orange     |
| <b>16822K</b> |                  | White      |
| <b>16822V</b> |                  | Green      |
| <b>16822W</b> |                  | Water blue |

| Code          | Pins<br>Material | Roller     |
|---------------|------------------|------------|
| <b>16825</b>  | POM              | Orange     |
| <b>16825K</b> |                  | White      |
| <b>16825V</b> |                  | Green      |
| <b>16825W</b> |                  | Water blue |
| <b>16827</b>  | S/S<br>AISI 430  | Orange     |
| <b>16827K</b> |                  | White      |
| <b>16827V</b> |                  | Green      |
| <b>16827W</b> |                  | Water blue |

### Supply:

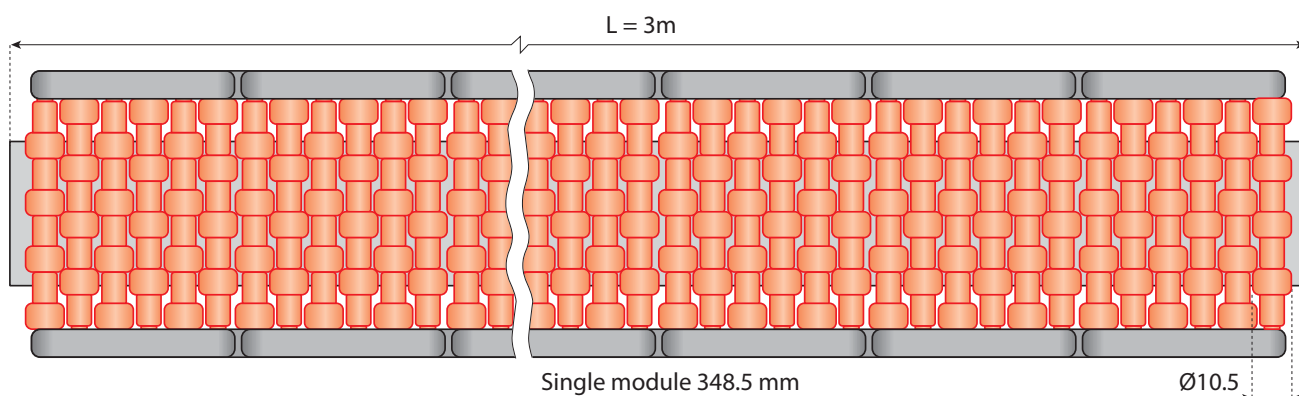
single module L. 348 mm

### Supply:

3m aluminium profile, 9 roller modules

### Supply:

3m stainless steel profile, 9 roller modules



Single module 348.5 mm

Ø10.5

# FLEXIBLE ROLLER MODULES FOR STRAIGHT AND CURVED SECTIONS



## FLEXIBLE ROLLER MODULES - SINGLE ROLLER -

**Material:** straps and spacers in reinforced polyamide, rollers in acetal resin, screws in stainless steel.

**Application:** designed for boxes and containers (glass and plastic bottles, tin cans, strong aluminium cans).



Acetal resin



Polyamide



AISI 304  
Stainless steel



Accessories



Anodized  
aluminium

### Features:

- Improved design • Smaller rollers and pitch • Improved performance • Reduced dimensions
- Low noise rollers • Excellent for accumulation areas • Long life and smooth operation • Easy and quick installation.

Preferred type, readily available (codes marked in red)

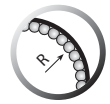
### SINGLE MODULE



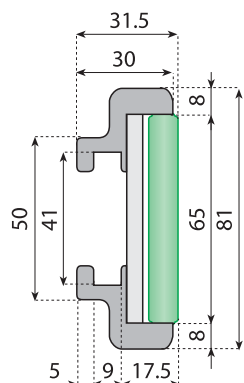
For flat bar 40x8



Internal curve  
R min 250



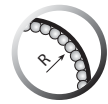
External curve  
R min 300



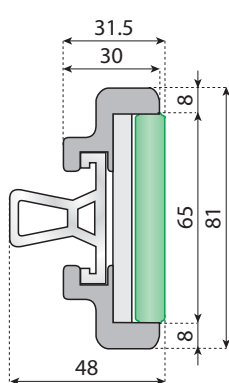
### WITH ALUMINIUM PROFILE



Internal curve  
R min 500



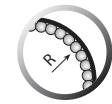
External curve  
R min 500



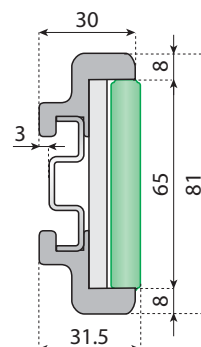
### WITH STEEL PROFILE



Internal curve  
R min 400



External curve  
R min 450



| Code          | Pins<br>Material | Roller     |
|---------------|------------------|------------|
| <b>16805</b>  | POM              | Orange     |
| <b>16805K</b> |                  | White      |
| <b>16805V</b> |                  | Green      |
| <b>16805W</b> |                  | Water blue |
| <b>16806</b>  | S/S<br>AISI 430  | Orange     |
| <b>16806K</b> |                  | White      |
| <b>16806V</b> |                  | Green      |
| <b>16806W</b> |                  | Water blue |

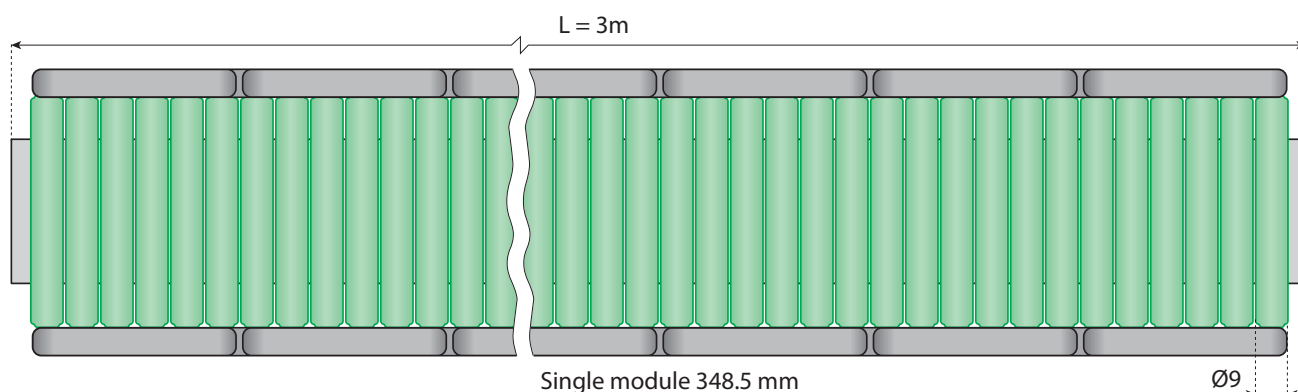
**Supply:**  
single module L. 348 mm

| Code          | Pins<br>Material | Roller     |
|---------------|------------------|------------|
| <b>16821</b>  | POM              | Orange     |
| <b>16821K</b> |                  | White      |
| <b>16821V</b> |                  | Green      |
| <b>16821W</b> |                  | Water blue |
| <b>16823</b>  | S/S<br>AISI 430  | Orange     |
| <b>16823K</b> |                  | White      |
| <b>16823V</b> |                  | Green      |
| <b>16823W</b> |                  | Water blue |

**Supply:**  
3m aluminium profile, 9 roller modules

| Code          | Pins<br>Material | Roller     |
|---------------|------------------|------------|
| <b>16826</b>  | POM              | Orange     |
| <b>16826K</b> |                  | White      |
| <b>16826V</b> |                  | Green      |
| <b>16826W</b> |                  | Water blue |
| <b>16828</b>  | S/S<br>AISI 430  | Orange     |
| <b>16828K</b> |                  | White      |
| <b>16828V</b> |                  | Green      |
| <b>16828W</b> |                  | Water blue |

**Supply:**  
3m stainless steel profile, 9 roller modules



# FLEXIBLE ROLLER MODULES FOR STRAIGHT AND CURVED SECTIONS



## FLEXIBLE ROLLER MODULES - ONE ROLLER -

**Material:** straps in reinforced polyamide, rollers and pins in acetal resin, spacers in nickel plated brass, screws stainless steel.

**Application:** designed for rugged boxes and containers.

### Features:

- Improved design • Smaller rollers and pitch • Improved performance • Reduced dimensions • Low noise rollers
- Excellent for accumulation areas • Long life and smooth operation. • Easy and quick installation.

Preferred type, readily available (codes marked in red)



Acetal resin



Polyamide



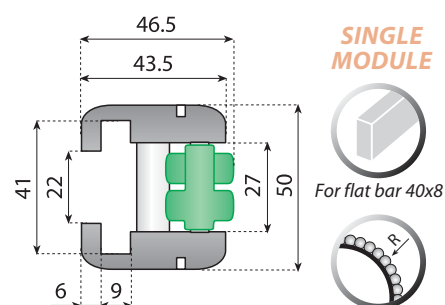
AISI 304  
Stainless steel



Accessories



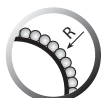
Anodized  
aluminium



### SINGLE MODULE



For flat bar 40x8



Internal curve  
R min 250



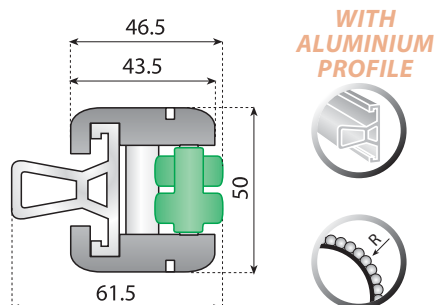
External curve  
R min 300

### Code

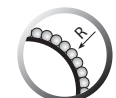
**16500** Green  
**16500K** White

### Supply:

single module L. 338 mm



### WITH ALUMINIUM PROFILE



Internal curve  
R min 500



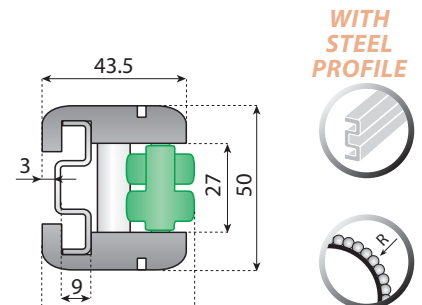
External curve  
R min 500

### Code

**16551** Green  
**16551K** White

### Supply:

3m aluminium profile, 9 roller modules



### WITH STEEL PROFILE



Internal curve  
R min 400



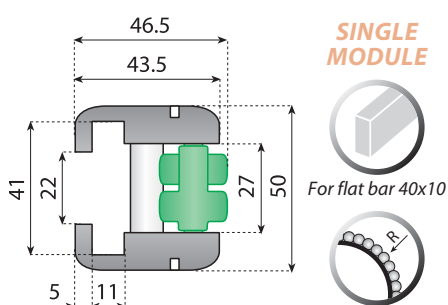
External curve  
R min 400

### Code

**16550** Green  
**16550K** White

### Supply:

3m stainless steel profile, 9 roller modules



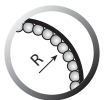
### SINGLE MODULE



For flat bar 40x10



Internal curve  
R min 250



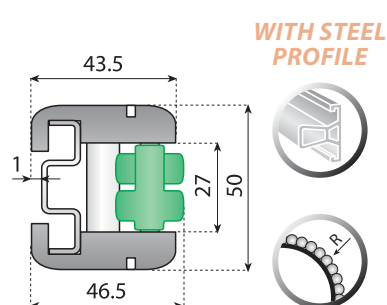
External curve  
R min 300

### Code

**16505** Green  
**16505K** White

### Supply:

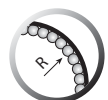
single module L. 338 mm



### WITH STEEL PROFILE



Internal curve  
R min 400



External curve  
R min 400

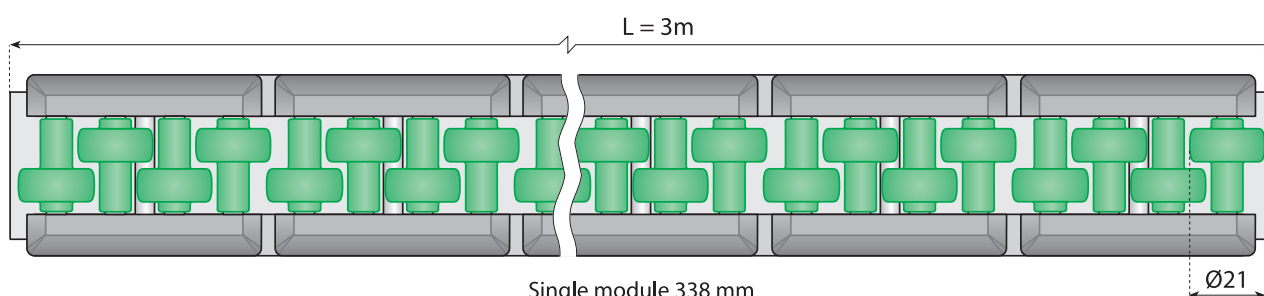
### Code

**16555** Green  
**16555K** White

### Supply:

3m steel profile, 9 roller modules

*Heavy  
duty  
version*



# ACCUMULATION ROLLER MODULES FOR CURVED SECTIONS



## ACCUMULATION ROLLER MODULES FOR CURVED SECTIONS - ONE ROLLER -

**Material:** straps in reinforced polyamide, rollers in acetal resin.  
Pins and metal profile see the table.

**Antistatic version:** straps in reinforced polyamide conductive, rollers and pins in acetal resin conductive.

**Supply:** single module L. 76 mm.

**Standard packaging:** 50 modules.

**Applications:** designed for rugged boxes and containers.

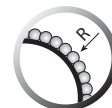
 Preferred type, readily available (codes marked in red)



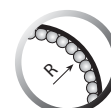
Acetal resin



Polyamide



Internal curve  
R min 460



External curve  
R min 600



Accessories



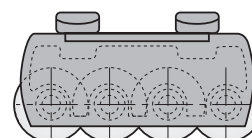
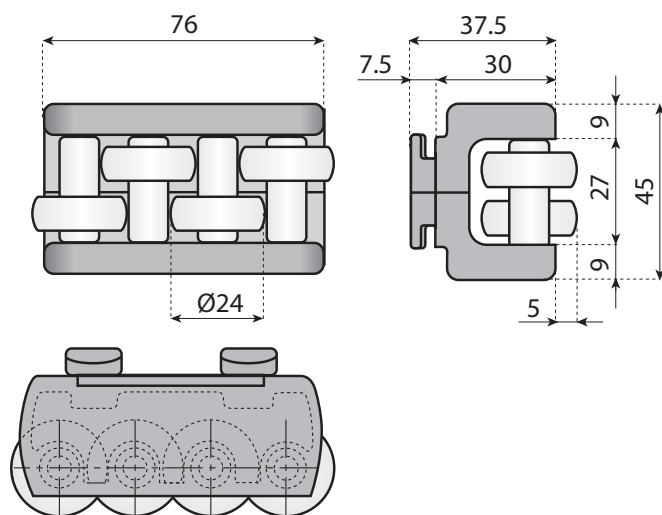
430 Stainless steel



### Features:

- Excellent for accumulation areas.
- Easy and quick installation.
- Low noise rollers.
- Long life and smooth operation.

| Code            |  Kg/m |  Pins Material |  Roller |
|-----------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>16305</b>    | 0.15                                                                                   | POM                                                                                             | White                                                                                      |
| <b>16305V</b>   |                                                                                        |                                                                                                 | Green                                                                                      |
| <b>16305AS</b>  |                                                                                        |                                                                                                 | Black Antistatic                                                                           |
| <b>16305SS</b>  | 0.20                                                                                   | S/S<br>AISI 430F                                                                                | White                                                                                      |
| <b>16305SSV</b> |                                                                                        |                                                                                                 | Green                                                                                      |
| <b>16305ASS</b> |                                                                                        |                                                                                                 | Black Antistatic                                                                           |



Cavity between the rail and the roller block provides a position for the rail clamp and this design feature also prevents the lateral movement of the roller blocks without the need for screws or other fixing methods.

# ACCUMULATION ROLLER SIDE GUIDES FOR CURVED SECTIONS

## ACCUMULATION ROLLER SIDE GUIDES FOR CURVED SECTIONS - ONE ROLLER -

**Material:** straps in reinforced polyamide, rollers in acetal resin.  
Pins and metal profile see the table.

**Supply:** 3m steel profile with 39 roller blocks.

**Standard packaging:** 2 guides completely assembled.

**Application:** designed for rugged boxes and containers.

**Note:** roll sections can be quickly assembled by simply sliding into the rail. Once assembled and the rail is located using clamps the sections can not move laterally.

The clamp is designed to fit into the slot in the back of a section as indicated in the sketch below.

 Preferred type, readily available (codes marked in red)

### Features:

- Excellent for accumulation areas.
- Easy and quick installation.
- Low noise rollers.
- Long life and smooth operation.

| Code           | Kg/m | Pins Material | Profile Material  | Roller           |
|----------------|------|---------------|-------------------|------------------|
| <b>16300</b>   | 2.75 | POM           | S/S               | White            |
| <b>16300V</b>  |      |               | AISI 304          | Green            |
| <b>16301</b>   | 2.75 | POM           | Zinc plated steel | White            |
| <b>16301V</b>  |      |               |                   | Green            |
| <b>16302</b>   | 3.40 | S/S           | S/S               | White            |
| <b>16302V</b>  |      | AISI 430F     | AISI 304          | Green            |
| <b>16303</b>   | 3.40 | S/S           | Zinc plated steel | White            |
| <b>16303V</b>  |      | AISI 430F     |                   | Green            |
| <b>16300AS</b> | 2.75 | POM           | S/S               | Black/Antistatic |
| <b>16301AS</b> |      | Antistatic    | AISI 304          | Black/Antistatic |
| <b>16302AS</b> | 3.40 | S/S           | Zinc plated steel | Black/Antistatic |
| <b>16303AS</b> |      | AISI 430F     |                   | Black/Antistatic |



Acetal resin  
conductive



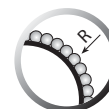
Polyamide  
conductive



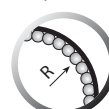
Acetal resin



Polyamide



Internal curve  
R min 460



External curve  
R min 600



Accessories



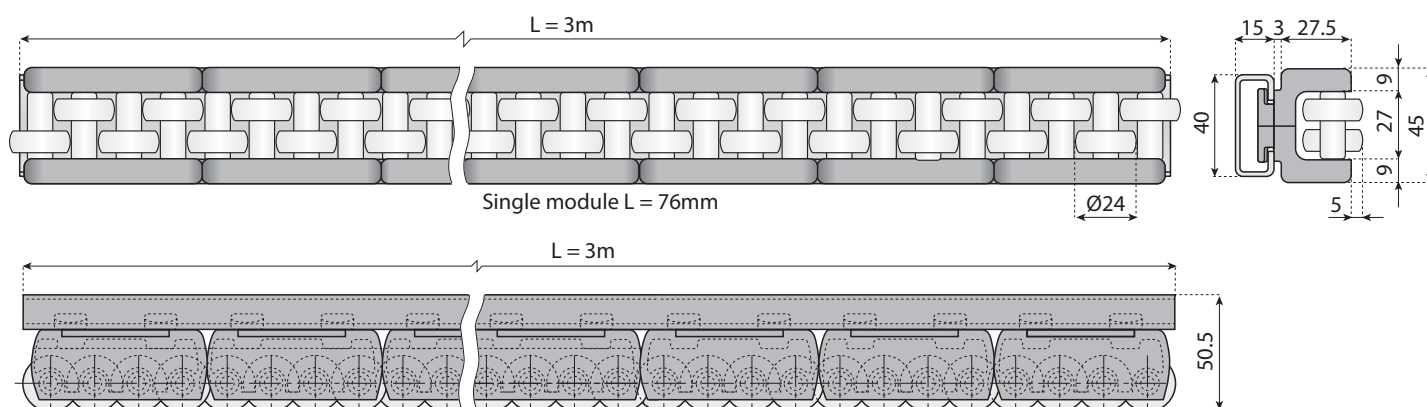
Zinc plated steel



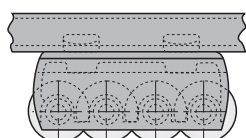
AISI 304  
Stainless steel



AISI 430  
Stainless steel

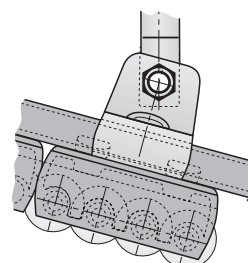


Cavity between the rail and the roller block provides a position for the rail clamp and this design feature also prevents the lateral movement of the roller blocks without the need for screws or other fixing methods.

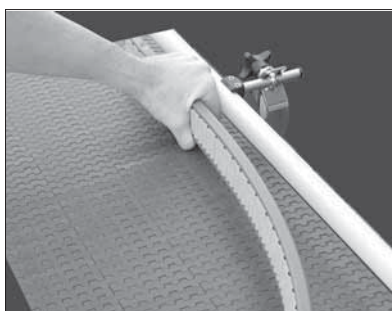


### Blocking:

Clamps fix metal profile and lateral straps, thus avoiding accidental sliding.



# FLEXIBLE LIGHT DUTY SPEEDRAIL™ & SPEEDROLL™



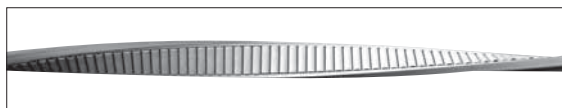
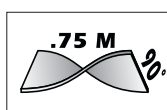
## FLEXIBLE LIGHT DUTY SPEEDRAIL™ & SPEEDROLL™

**Material:** straps in PVC, rollers in acetal resin.  
Screws in stainless steel.  
Operating temperature range: -10°F to + 180°F

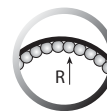
### Features:

- Bend by hand to create corners or S-curves easily.
- Can be twisted to help invert containers.
- Saves time and labor associated with machine bending.
- Compatible with other Valu Guide components.
- Available with beads or roller.

 Preferred type, readily available (codes marked in red)



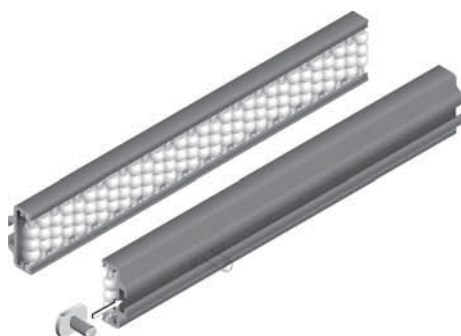
Stainless steel



Min. bending  
Radius 450



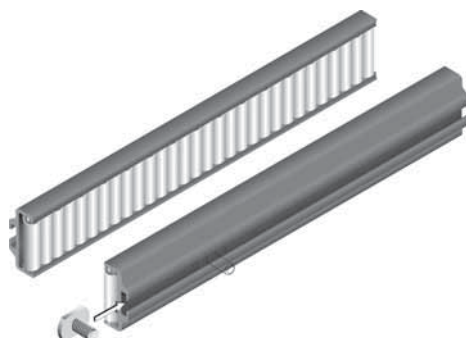
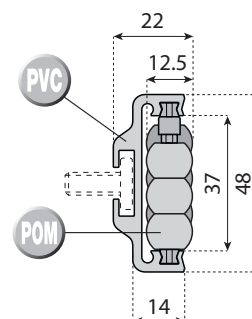
Par. # 6,516,933  
(USA)



## 687 FLEX - FLEXIBLE SPEEDRAIL SB™

| Code            | Ref.             |  |  |  |
|-----------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>16S00300</b> | VG-687FLEX-37-3M | n°6*                                                                                | 3 m                                                                                 | n°2                                                                                 |

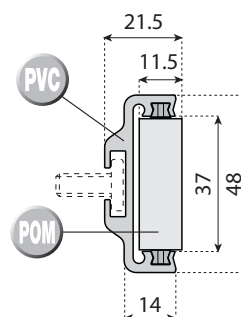
\* Number of **13S00256** bolts included.



## 688 FLEX - FLEXIBLE SPEEDROLL SB™

| Code            | Ref.             |  |  |  |
|-----------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>16S00301</b> | VG-688FLEX-37-3M | n°6*                                                                                | 3 m                                                                                 | n°2                                                                                 |

\* Number of **13S00256** bolts included.



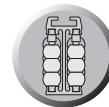
 Preferred type, readily available (codes marked in red)



Stainless steel



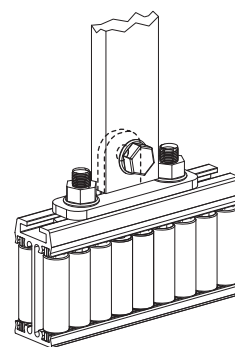
PVC



Consult pages  
164 → 168

## 687 BSC - BACK SLOT CLOSING PROFILE

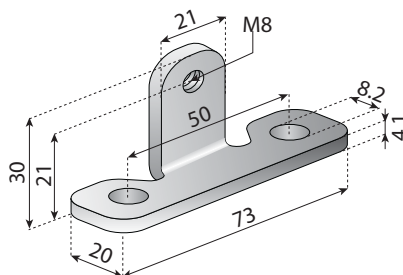
| Code               | Ref.         |  |  | Material |
|--------------------|--------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------|
| <b>16S00302-25</b> | VG-687BSC-25 | 7.63 m                                                                            |                                                                                   |          |
| <b>16S00302-50</b> | VG-687BSC-50 | 15.24 m                                                                           | -                                                                                 | PVC      |
| <b>16S00302-15</b> | VG-687BSC-15 | 4.52 m                                                                            |                                                                                   |          |



## 687 LAB - LANE DIVIDER BRACKET

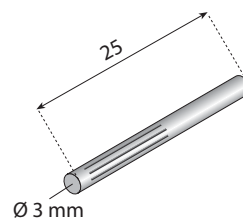
| Code            | Ref.         |  |  | Material |
|-----------------|--------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------|
| <b>16S00150</b> | VG-687LDB-M8 | n°2*                                                                               | n°10                                                                               | SS       |

\* Number of **13S00256** bolts included.



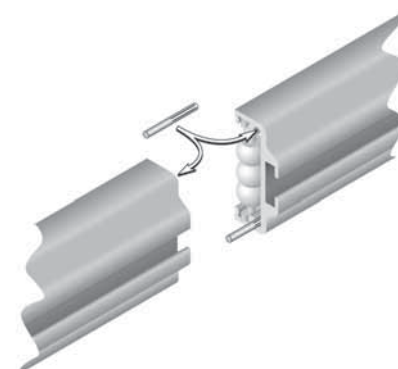
## 687 SP - SPLICING PINS

| Code            | Ref.     |  | Material |
|-----------------|----------|-------------------------------------------------------------------------------------|----------|
| <b>16S00155</b> | VG-687SP | n°12                                                                                | SS       |



**For use with:**

VG-687-37  
VG-687H-37  
VG-687-83  
VG-687H-83



## 1568M - T-HEAD SCREWS M8

| Code            | Ref.        | Thread |  |  | Material |
|-----------------|-------------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|
| <b>13S00255</b> | VG-1568M-01 | 16 mm  |                                                                                     |                                                                                     |          |
| <b>13S00256</b> | VG-1568M-02 | 19 mm  |                                                                                     | n°10                                                                                | SS       |
| <b>13S00258</b> | VG-1568M-04 | 32 mm  |                                                                                     |                                                                                     |          |



**M8**

Flat washer recommended



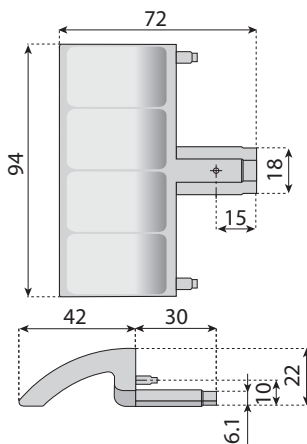
13912 or 13914

# SIDE PLOW FOR VALU GUIDE COMBINERS

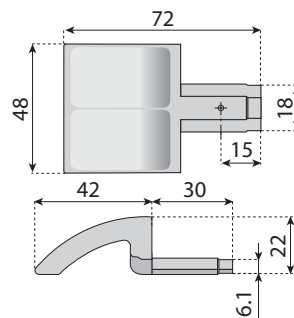
 Preferred type, readily available (codes marked in red)



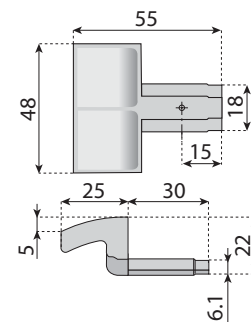
**16713**



**16712**



**16714**

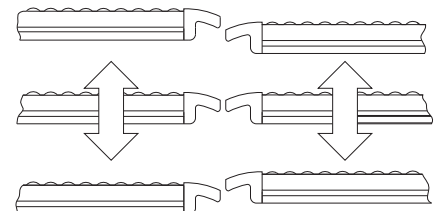


**Material:** side plow in POM acetal, screw in stainless steel.

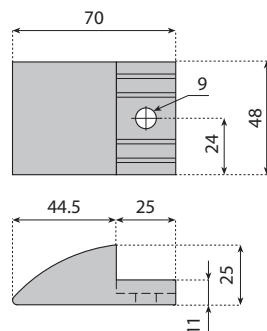
## Features:

- Optimum guiding of packs
- Easy assembly

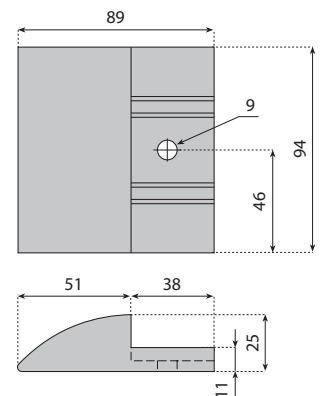
**MOLDED  
VERSION**



| Code         | For Guide Ref.          |       |     |            |
|--------------|-------------------------|-------|-----|------------|
| <b>16712</b> | VG-687H-37 / VG-688H-37 |       |     |            |
| <b>16713</b> | VG-687H-83 / VG-688H-83 | n° 20 | POM | Light Grey |
| <b>16714</b> | VG-687H-37 / VG-688H-37 |       |     |            |



**MACHINED  
VERSION**



## MSP 37 - SIDE PLOW

| Code            | For Guide Ref.          |     |        |            |
|-----------------|-------------------------|-----|--------|------------|
| <b>16500153</b> | VG-687H-37 / VG-688H-37 | n°4 | Nolu-S | Light Grey |

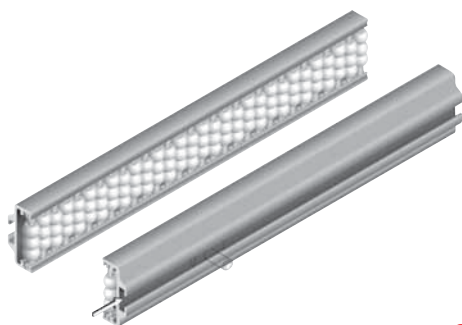
Stainless steel fastener included.

## MSP 83 - SIDE PLOW

| Code            | For Guide Ref.          |     |        |            |
|-----------------|-------------------------|-----|--------|------------|
| <b>16500154</b> | VG-687H-83 / VG-688H-83 | n°4 | Nolu-S | Light Grey |

Stainless steel fastener included.

# VALU GUIDE COMBINERS



## ALUMINUM SPEEDRAIL SB

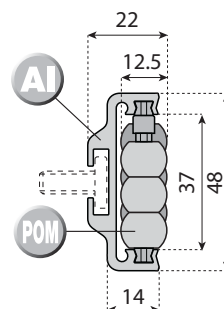
**Material:** straps in aluminum, rollers in acetal resin.  
Screws in stainless steel.

### Features:

- Easy mounting
- Great for polywrapped containers or PET
- On site bendable
- Cut to desired length
- FDA approved engineered polymer

Preferred type, readily available (codes marked in red)

## 687H 37 - ALUMINUM SPEEDRAIL SB™ 48mm



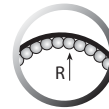
Acetal resin



Aluminum



T-head screw M8  
Splicing Pins



Min. bending  
Radius 304mm



Par. # 6,516,933  
(USA)

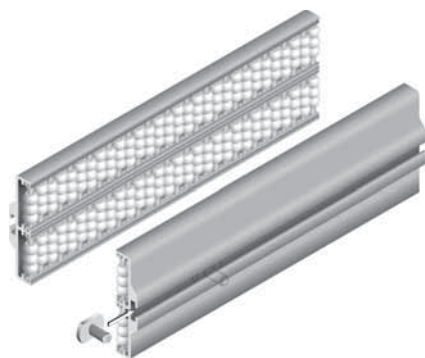


Consult pages  
105 → 109 for  
bending machines

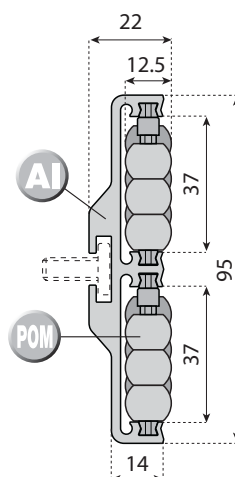
| Code            | Ref.          |      |     |     |
|-----------------|---------------|------|-----|-----|
| <b>16S00100</b> | VG-687H-37-2M | n°5* | 2 m | n°2 |
| <b>16S00101</b> | VG-687H-37-3M | n°6* | 3 m |     |

\* Number of **13S00256** bolts included.

**SIDE PLOW** (page 157)



## 687H 83 - ALUMINUM SPEEDRAIL SB™ 95mm



Acetal resin



Aluminum



T-head screw M8  
Splicing Pins



Min. bending  
Radius 508mm



Par. # 6,516,933  
(USA)

| Code            | Ref.          |      |     |     |
|-----------------|---------------|------|-----|-----|
| <b>16S00102</b> | VG-687H-83-2M | n°5* | 2 m | n°2 |
| <b>16S00103</b> | VG-687H-83-3M | n°6* | 3 m |     |

**SIDE PLOW** (page 157)



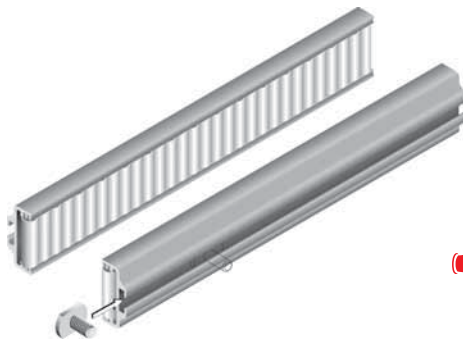
## ALUMINUM SPEEDROLL SB

**Material:** straps in aluminum, rollers in acetal resin.  
Screws in stainless steel.

### Features:

- Easy mounting
- Great for polywrapped containers or PET
- On site bendable
- Cut to desired length
- FDA approved engineered polymer

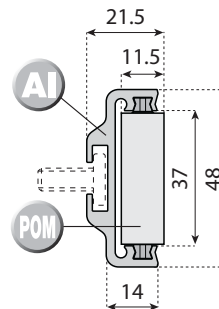
 Preferred type, readily available (codes marked in red)



688H 37 - ALUMINUM SPEEDROLL™ 48mm

| Code            | Ref.          |  |  |  |
|-----------------|---------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>16S00250</b> | VG-688H-37-2M | n°5*                                                                              | 2 m                                                                               | n°2                                                                               |
| <b>16S00251</b> | VG-688H-37-3M | n°6*                                                                              | 3 m                                                                               |                                                                                   |

\* Number of **13S00256** bolts included.



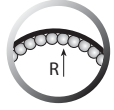
Acetal resin



Aluminum



T-head screw M8  
Splicing Pins



Min. bending  
Radius 304mm

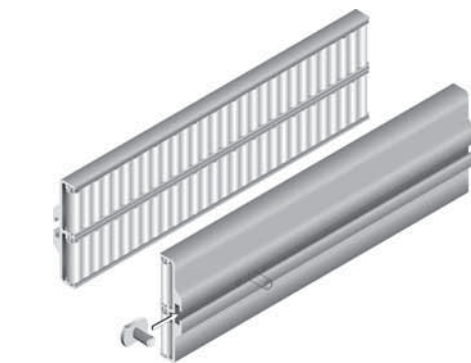


Par. # 6,516,933  
(USA)



Consult pages  
105 → 109 for  
bending machines

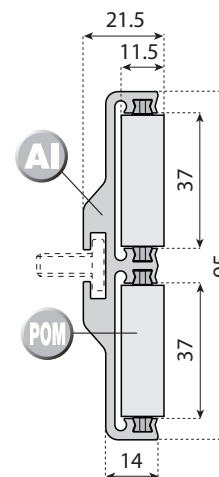
**SIDE PLOW** (page 157)



688H 83 - ALUMINUM SPEEDROLL™ 95mm

| Code            | Ref.          |  |  |  |
|-----------------|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>16S00252</b> | VG-688H-83-2M | n°5*                                                                                | 2 m                                                                                 | n°2                                                                                 |
| <b>16S00253</b> | VG-688H-83-3M | n°6*                                                                                | 3 m                                                                                 |                                                                                     |

\* Number of **13S00256** bolts included.



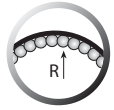
Acetal resin



Aluminum



T-head screw M8  
Splicing Pins



Min. bending  
Radius 508mm



Par. # 6,516,933  
(USA)

**SIDE PLOW** (page 157)



# VALU GUIDE COMBINERS



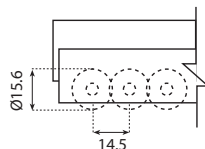
## ALUMINUM SPEEDRAIL™

**Material:** straps in aluminum, rollers in acetal resin. Screws in stainless steel.

### Features:

- Easy to bend (inner and outer curves)
- Can be cut to any length between beads
- FDA approved engineered polymer

Preferred type, readily available (codes marked in red)



## 686A 30 - ALUMINUM SPEEDRAIL™ 42mm

| Code            | Ref.          |      |     |     |
|-----------------|---------------|------|-----|-----|
| <b>16S00001</b> | VG-686A-30-2M | n°5* | 2 m | n°2 |
| <b>16S00002</b> | VG-686A-30-3M | n°6* | 3 m |     |

\* Number of **13S00256** bolts included.

## MSP 30 - SIDE PLOW

| Code            | Ref.         |     |        |            |
|-----------------|--------------|-----|--------|------------|
| <b>16S00006</b> | VG-686MSP-30 | n°4 | Nolu-S | Light Grey |



Consult pages  
105 → 109 for  
bending machines



Acetal resin



Aluminum



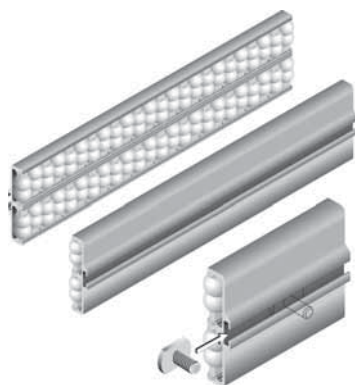
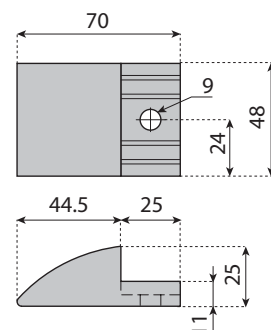
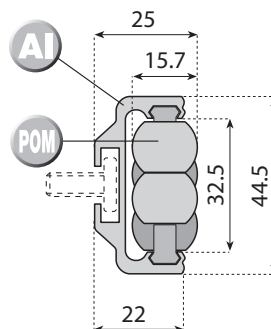
T-head screw M8  
Splicing Pins



Min. bending  
Radius 508mm



Par. # 6,516,933  
(USA)



## ALUMINUM SPEEDROLL™

**Material:** straps in aluminum, rollers in acetal resin. Screws in stainless steel.

### Features:

- A wider bead-guide surface
- Easy to bend (inner and outer curves)
- Can be cut to any length between beads
- FDA approved engineered polymer

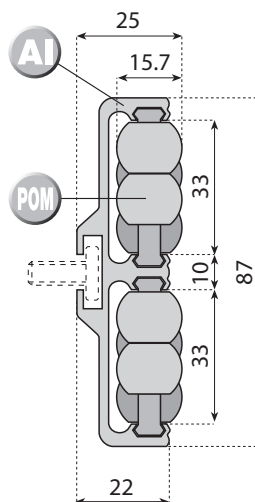
## 686A 76 - ALUMINUM SPEEDROLL™ 87mm

| Code            | Ref.          |      |     |     |
|-----------------|---------------|------|-----|-----|
| <b>16S00004</b> | VG-686A-76-2M | n°5* | 2 m | n°2 |
| <b>16S00005</b> | VG-686A-76-3M | n°6* | 3 m |     |

\* Number of **13S00256** bolts included.

## MSP 76 - SIDE PLOW

| Code            | Ref.         |     |        |            |
|-----------------|--------------|-----|--------|------------|
| <b>16S00007</b> | VG-686MSP-76 | n°4 | Nolu-S | Light Grey |



Acetal resin



Aluminum



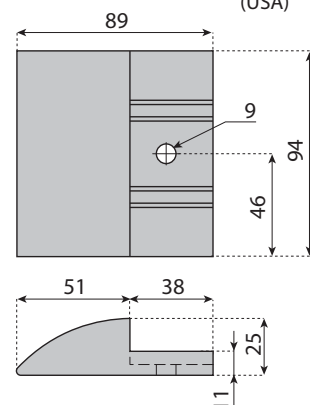
T-head screw M8  
Splicing Pins



Min. bending  
Radius 508mm



Par. # 6,516,933  
(USA)



Stainless steel fastener included.

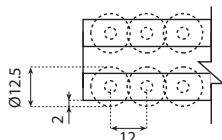
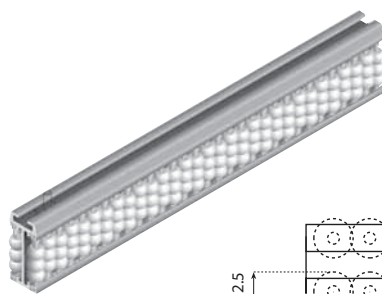
## ALUMINUM SPEEDRAIL SB™

**Material:** straps in aluminum, rollers in acetal resin. Screws in stainless steel.

**Features:**

- Easy mounting
- Great for polywrapped containers or PET
- On site bendable
- Cut to desired length
- FDA approved engineered polymer

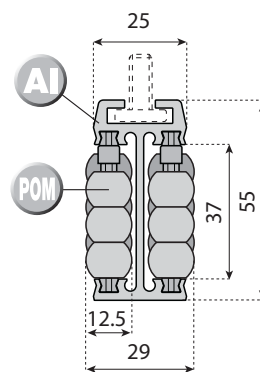
 Preferred type, readily available (codes marked in red)



### 687 37 - ALUMINUM SPEEDRAIL SB™ 55mm

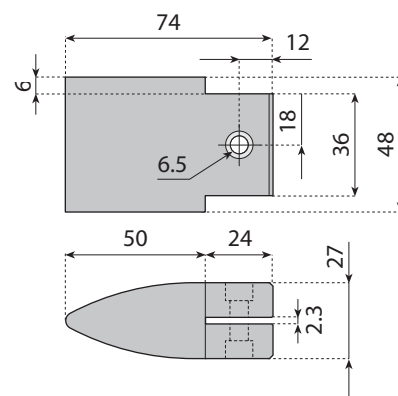
| Code            | Ref.         |  |  |  |
|-----------------|--------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>16S00050</b> | VG-687-37-2M | n°5*                                                                              | 2 m                                                                               | n°2                                                                               |
| <b>16S00051</b> | VG-687-37-3M | n°6*                                                                              | 3 m                                                                               |                                                                                   |

\* Number of 13S00256 bolts included.



### MNP 37 - NOSE PLOW

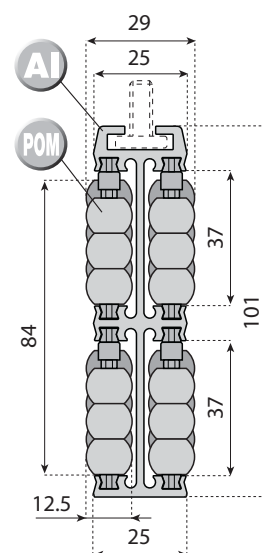
| Code            | Ref.         |  |  |  |
|-----------------|--------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>16S00151</b> | VG-687MNP-37 | n°4                                                                                | Nolu-S                                                                             | Light Grey                                                                         |



### 687 83 - ALUMINUM SPEEDRAIL SB™ 101mm

| Code            | Ref.         |  |  |  |
|-----------------|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>16S00052</b> | VG-687-83-2M | n°5*                                                                                | 2 m                                                                                 | n°2                                                                                 |
| <b>16S00053</b> | VG-687-83-3M | n°6*                                                                                | 3 m                                                                                 |                                                                                     |

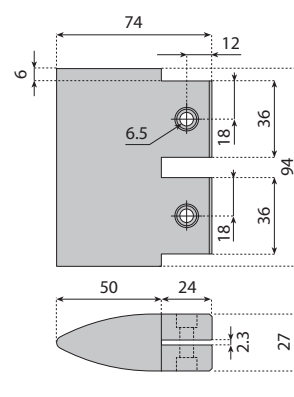
\* Number of 13S00256 bolts included.



### MNP 83 - NOSE PLOW

| Code            | Ref.         |  |  |  |
|-----------------|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>16S00152</b> | VG-687MNP-83 | n°4                                                                                 | Nolu-S                                                                              | Light Grey                                                                          |

Stainless steel fastener included.



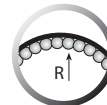
Acetal resin



Aluminum



T-head screw M8  
Splicing Pins



Min. bending  
Radius 760 mm



Par. # 6,516,933  
(USA)



Consult pages  
105 → 109 for  
bending machines



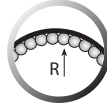
Acetal resin



Aluminum



T-head screw M8  
Splicing Pins



Min. bending  
Radius 760 mm



Par. # 6,516,933  
(USA)

# VALU GUIDE COMBINERS

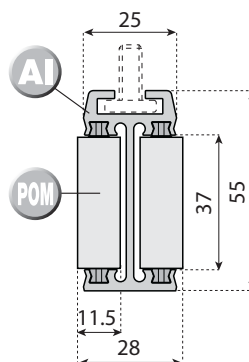
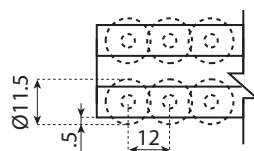
## ALUMINUM SPEEDROLL SB

**Material:** straps in aluminum, rollers in acetal resin.  
Screws in stainless steel.

### Features:

- Easy mounting
- Great for polywrapped containers or PET
- On site bendable
- Cut to desired length
- FDA approved engineered polymer

 Preferred type, readily available (codes marked in red)



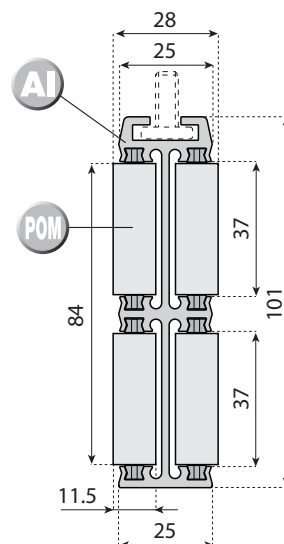
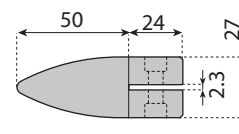
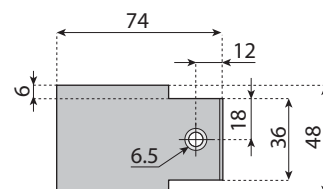
## 688 37 - ALUMINUM SPEEDROLL™ 55mm

| Code            | Ref.         |  |  |  |
|-----------------|--------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>16S00200</b> | VG-688-37-2M | n°5*                                                                              | 2 m                                                                               | n°2                                                                               |
| <b>16S00201</b> | VG-688-37-3M | n°6*                                                                              | 3 m                                                                               |                                                                                   |

\* Number of **13S00256** bolts included.

## MNP 37 - NOSE PLOW

| Code            | Ref.         |  | Material |  |
|-----------------|--------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>16S00151</b> | VG-687MNP-37 | n°4                                                                                 | Nolu-S   | Light Grey                                                                          |



## 688 83 - ALUMINUM SPEEDROLL™ 101mm

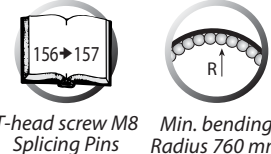
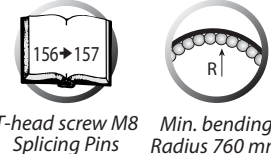
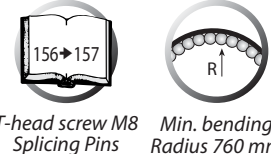
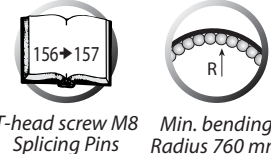
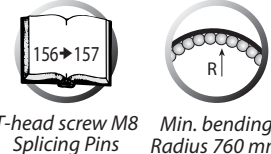
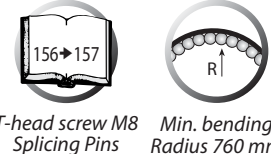
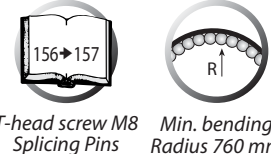
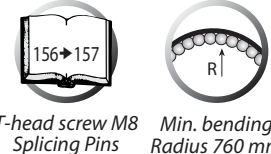
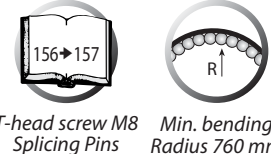
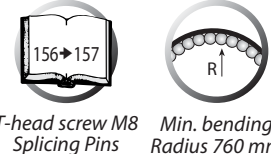
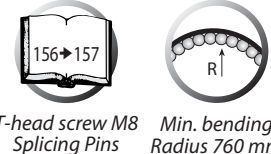
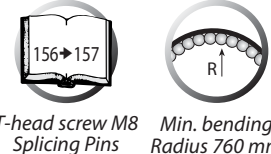
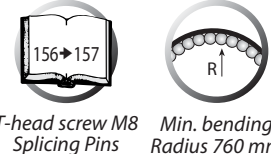
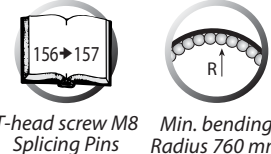
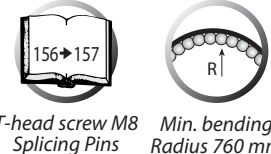
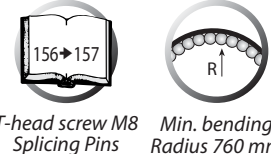
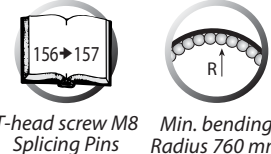
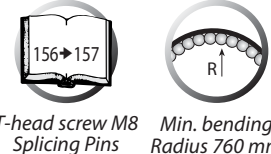
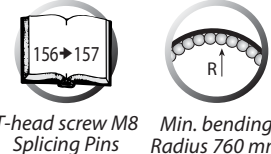
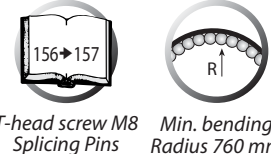
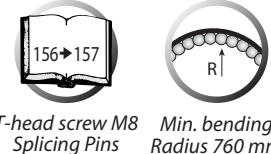
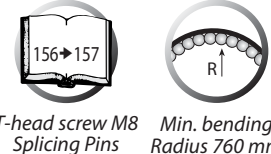
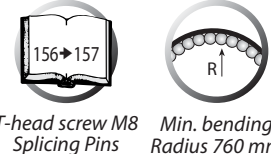
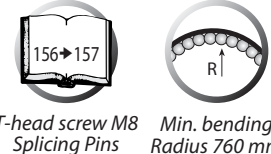
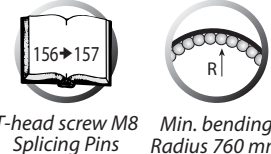
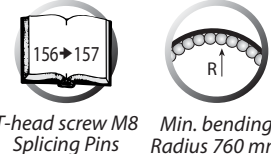
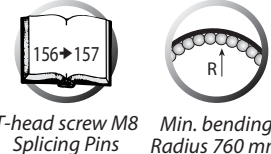
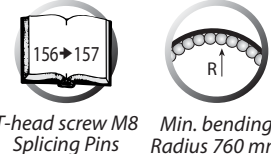
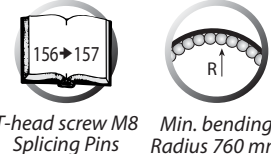
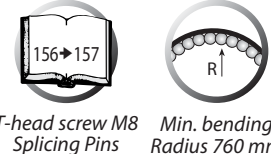
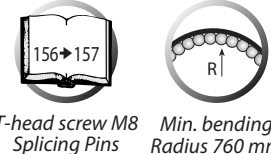
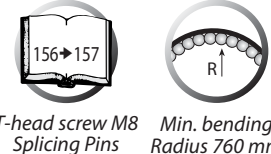
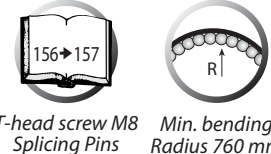
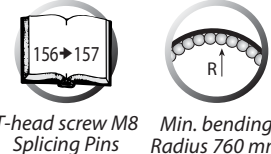
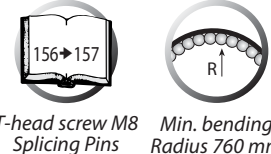
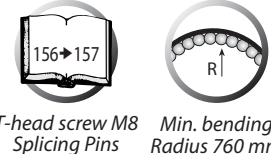
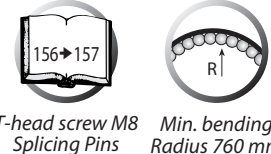
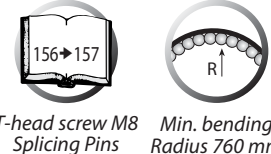
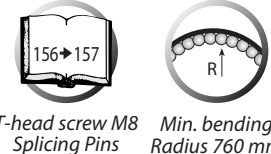
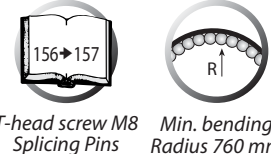
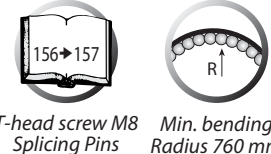
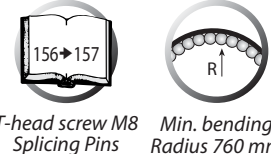
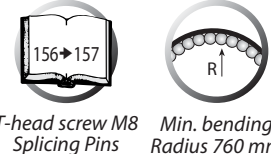
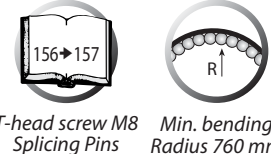
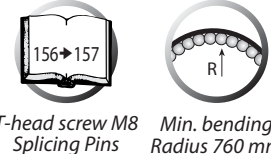
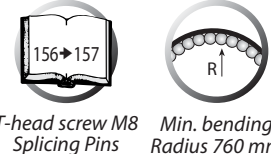
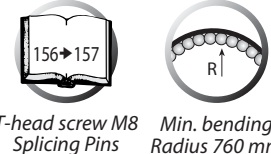
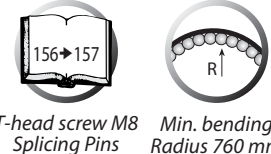
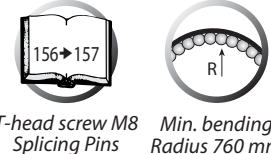
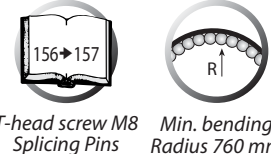
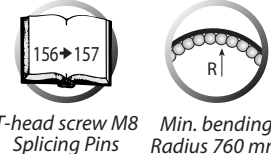
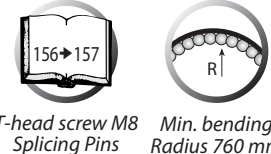
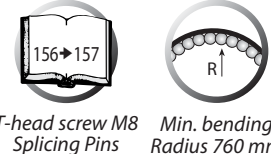
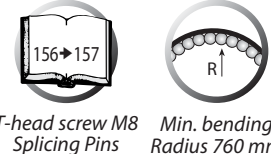
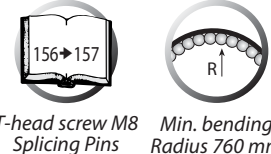
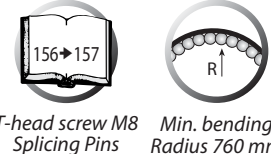
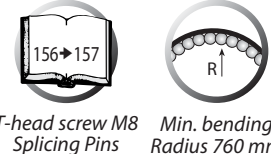
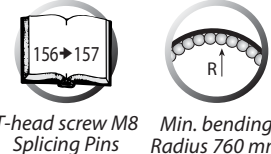
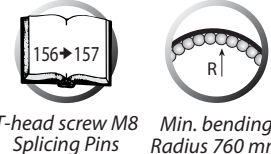
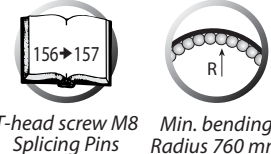
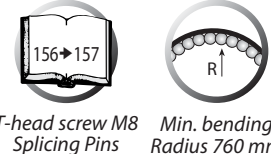
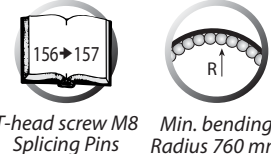
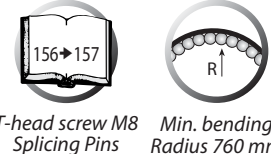
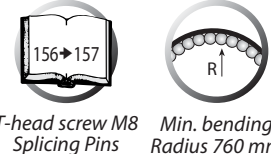
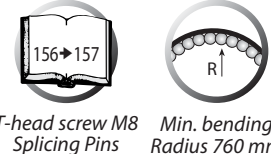
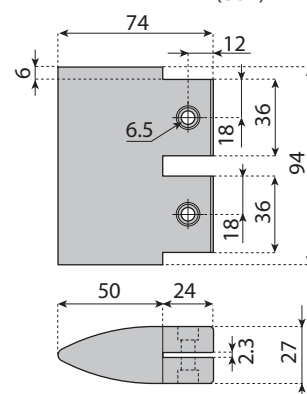
| Code            | Ref.         |  |  |  |
|-----------------|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>16S00202</b> | VG-688-83-2M | n°5*                                                                                | 2 m                                                                                 | n°2                                                                                 |
| <b>16S00203</b> | VG-688-83-3M | n°6*                                                                                | 3 m                                                                                 |                                                                                     |

\* Number of **13S00256** bolts included.

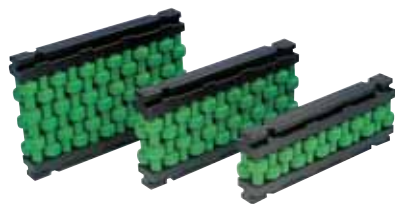
## MNP 83 - NOSE PLOW

| Code            | Ref.         |  | Material |  |
|-----------------|--------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>16S00152</b> | VG-687MNP-83 | n°4                                                                                 | Nolu-S   | Light Grey                                                                          |

Stainless steel fastener included.



# INTERMEDIARY ROLLER MODULES FOR STRAIGHT SECTIONS



## Features:

- Low noise rollers.
- Excellent for accumulation areas.
- Long life and smooth operation.
- Easy and quick installation.

## INTERMEDIARY ROLLER MODULES FOR STRAIGHT SECTIONS

### ONE ROLLER • TWO ROLLERS • THREE ROLLERS

**Material:** straps in reinforced polyamide, rollers in acetal resin, screws in stainless steel. Pins see the table.

**Conductive version:** straps in reinforced polyamide conductive, rollers and pins in acetal resin conductive.

**Supply:** single module L. 168 mm.

**Standard packaging:** 40 modules.

**Applications:** designed for rugged boxes and containers.

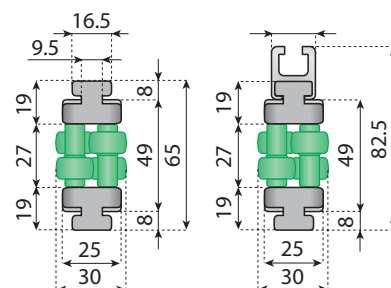
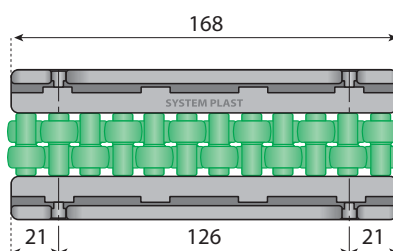
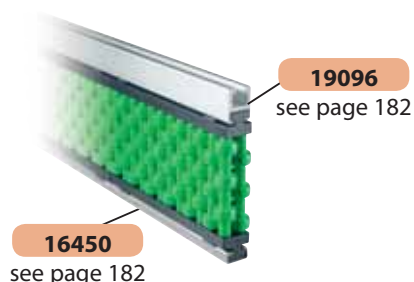
Preferred type, readily available (codes marked in red)

## ONE ROLLER MODULE

### Components:

N° 24 Pins • N° 24 Rollers • N° 2 Straps.

| Code            | Kg/m | Pins Material  | Roller           |
|-----------------|------|----------------|------------------|
| <b>16351</b>    | 0.27 | POM            | Green            |
| <b>16351B</b>   |      | POM            | White            |
| <b>16351AS</b>  |      | POM Antistatic | Antistatic black |
| <b>16351SS</b>  | 0.44 | S/S            | Green            |
| <b>16351SSB</b> |      | AISI 430F      | White            |
| <b>16351ASS</b> |      |                | Antistatic black |

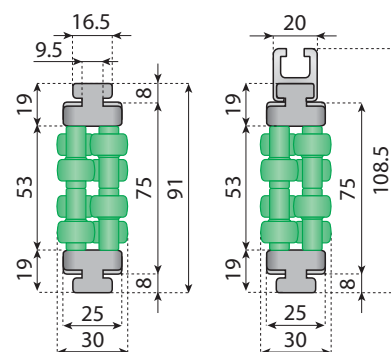
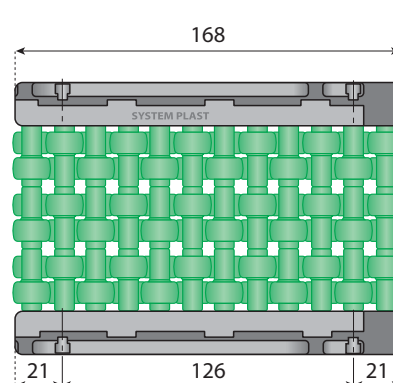
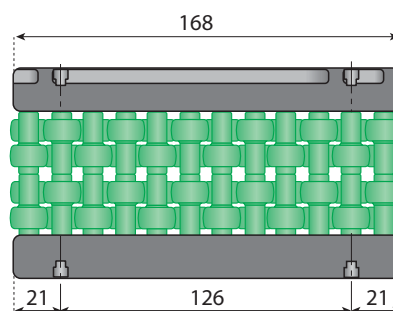


## TWO ROLLERS MODULE

### Components:

N° 24 Pins • N° 48 Rollers • N° 2 Straps.

| Code            | Kg/m | Pins Material  | Roller           |
|-----------------|------|----------------|------------------|
| <b>16352</b>    | 0.32 | POM            | Green            |
| <b>16352B</b>   |      | POM            | White            |
| <b>16352AS</b>  |      | POM Antistatic | Antistatic black |
| <b>16352SS</b>  | 0.66 | S/S            | Green            |
| <b>16352SSB</b> |      | AISI 430F      | White            |
| <b>16352ASS</b> |      |                | Antistatic black |

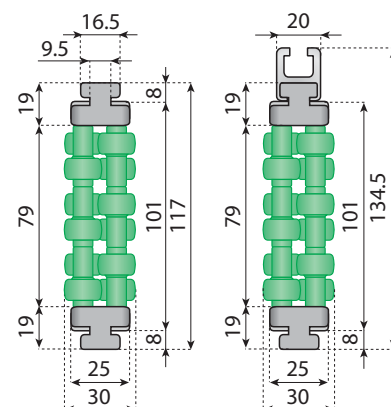
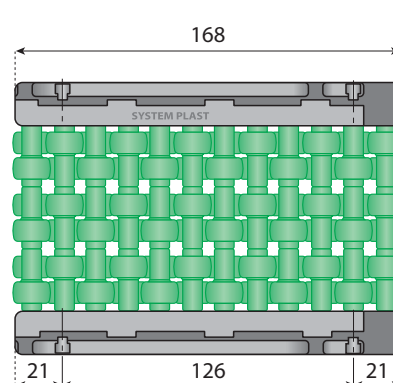


## THREE ROLLERS MODULE

### Components:

N° 24 Pins • N° 72 Rollers • N° 2 Straps.

| Code            | Kg/m | Pins Material | Roller           |
|-----------------|------|---------------|------------------|
| <b>16353SS</b>  | 0.88 | S/S           | Green            |
| <b>16353SSB</b> |      | AISI 430F     | White            |
| <b>16353ASS</b> |      |               | Antistatic black |



Acetal resin



Polyamide



Acetal resin conductive



Polyamide conductive



Accessories



AISI 304 Stainless steel



# INTERMEDIARY ROLLER GUIDE WITH STEEL PROFILE FOR STRAIGHT SECTIONS



## INTERMEDIARY ROLLER GUIDE WITH STEEL PROFILE FOR STRAIGHT SECTIONS - ONE ROLLER -

**Material:** straps in reinforced polyamide, rollers in acetal resin, screws in stainless steel.

Pins and metal profile see the table.

**Supply:** 1m steel profile with 6 roller modules.

2m steel profile with 12 roller modules.

3m steel profile with 18 roller modules.

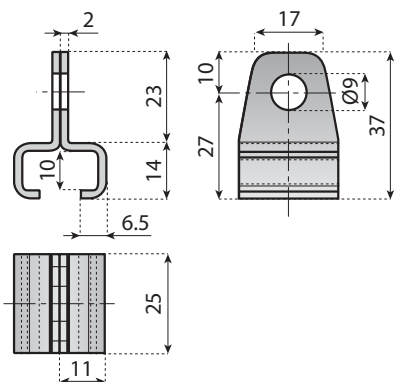
**Standard packaging:** 5 completely assembled profiles.

**Applications:** designed for rugged boxes and containers.

Preferred type, readily available (codes marked in red)

### Features:

- Low noise rollers.
- Excellent for accumulation areas.
- Long life and smooth operation.
- Easy and quick installation.



### CLAMP

| Code         | Material    |      |
|--------------|-------------|------|
| <b>13833</b> | SS AISI 304 | n°50 |

| Code            | Kg/m | L   |                | Profile Material  | Roller           |
|-----------------|------|-----|----------------|-------------------|------------------|
| <b>16150</b>    |      | 1 m |                |                   | Green            |
| <b>16150B</b>   |      | 1 m |                |                   | White            |
| <b>16151</b>    | 2.42 | 2 m | POM            | S/S AISI 304      | Green            |
| <b>16151B</b>   |      | 2 m |                |                   | White            |
| <b>16152</b>    |      | 3 m |                |                   | Green            |
| <b>16152B</b>   |      | 3 m |                |                   | White            |
| <b>16160</b>    |      | 1 m |                |                   | Green            |
| <b>16160B</b>   |      | 1 m |                |                   | White            |
| <b>16161</b>    | 2.42 | 2 m | POM            | Zinc plated steel | Green            |
| <b>16161B</b>   |      | 2 m |                |                   | White            |
| <b>16162</b>    |      | 3 m |                |                   | Green            |
| <b>16162B</b>   |      | 3 m |                |                   | White            |
| <b>16150SS</b>  |      | 1 m |                |                   | Green            |
| <b>16150SSB</b> |      | 1 m |                |                   | White            |
| <b>16151SS</b>  | 3.44 | 2 m | S/S AISI 430F  | S/S AISI 304      | Green            |
| <b>16151SSB</b> |      | 2 m |                |                   | White            |
| <b>16152SS</b>  |      | 3 m |                |                   | Green            |
| <b>16152SSB</b> |      | 3 m |                |                   | White            |
| <b>16160SS</b>  |      | 1 m |                |                   | Green            |
| <b>16160SSB</b> |      | 1 m |                |                   | White            |
| <b>16161SS</b>  | 3.44 | 2 m | S/S AISI 430F  | Zinc plated steel | Green            |
| <b>16161SSB</b> |      | 2 m |                |                   | White            |
| <b>16162SS</b>  |      | 3 m |                |                   | Green            |
| <b>16162SSB</b> |      | 3 m |                |                   | White            |
| <b>16150AS</b>  | 2.42 | 1 m | POM Antistatic | S/S AISI 304      | Antistatic black |
| <b>16151AS</b>  |      | 2 m |                |                   |                  |
| <b>16152AS</b>  |      | 3 m |                |                   |                  |
| <b>16160AS</b>  | 2.42 | 1 m | POM Antistatic | Zinc plated steel | Antistatic black |
| <b>16161AS</b>  |      | 2 m |                |                   |                  |
| <b>16162AS</b>  |      | 3 m |                |                   |                  |
| <b>16150ASS</b> | 3.44 | 1 m | S/S AISI 430F  | S/S AISI 304      | Antistatic black |
| <b>16151ASS</b> |      | 2 m |                |                   |                  |
| <b>16152ASS</b> |      | 3 m |                |                   |                  |
| <b>16160ASS</b> | 3.44 | 1 m | S/S AISI 430F  | Zinc plated steel | Antistatic black |
| <b>16161ASS</b> |      | 2 m |                |                   |                  |
| <b>16162ASS</b> |      | 3 m |                |                   |                  |



Polyamide conductive



Acetal resin conductive



Polyamide



Zinc plated steel



Acetal resin



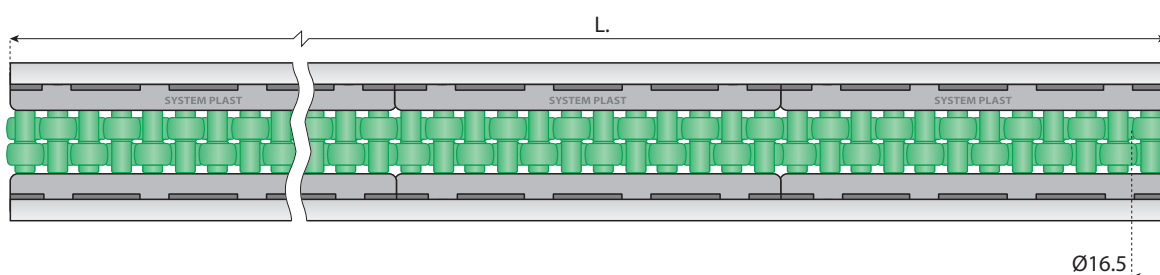
AISI 430 Stainless steel



AISI 304 Stainless steel



Accessories



# INTERMEDIARY ROLLER GUIDE WITH STEEL PROFILE FOR STRAIGHT SECTIONS



## INTERMEDIARY ROLLER GUIDE WITH STEEL PROFILE FOR STRAIGHT SECTIONS - TWO ROLLERS -

**Material:** straps in reinforced polyamide, rollers in acetal resin, screws in stainless steel.

Pins and metal profile see the table.

**Supply:** 1m steel profile with 6 roller modules.

2m steel profile with 12 roller modules.

3m steel profile with 18 roller modules.

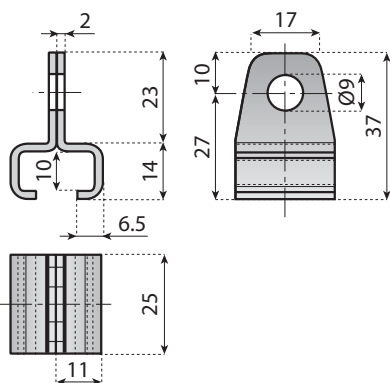
**Standard packaging:** 5 completely assembled profiles.

**Applications:** designed for rugged boxes and containers.

Preferred type, readily available (codes marked in red)

### Features:

- Low noise rollers.
- Excellent for accumulation areas.
- Long life and smooth operation.
- Easy and quick installation.



### CLAMP

| Code         | Material    |      |
|--------------|-------------|------|
| <b>13833</b> | SS AISI 304 | n°50 |

| Code            | Kg/m | L   | Pins Material  | Profile Material  | Roller           |
|-----------------|------|-----|----------------|-------------------|------------------|
| <b>16153</b>    |      | 1 m |                |                   | Green            |
| <b>16153B</b>   |      | 1 m |                |                   | White            |
| <b>16154</b>    | 2.72 | 2 m | POM            | S/S AISI 304      | Green            |
| <b>16154B</b>   |      | 2 m |                |                   | White            |
| <b>16155</b>    |      | 3 m |                |                   | Green            |
| <b>16155B</b>   |      | 3 m |                |                   | White            |
| <b>16163</b>    |      | 1 m |                |                   | Green            |
| <b>16163B</b>   |      | 1 m |                |                   | White            |
| <b>16164</b>    | 2.72 | 2 m | POM            | Zinc plated steel | Green            |
| <b>16164B</b>   |      | 2 m |                |                   | White            |
| <b>16165</b>    |      | 3 m |                |                   | Green            |
| <b>16165B</b>   |      | 3 m |                |                   | White            |
| <b>16153SS</b>  |      | 1 m |                |                   | Green            |
| <b>16153SSB</b> |      | 1 m |                |                   | White            |
| <b>16154SS</b>  | 4.76 | 2 m | S/S AISI 430F  | S/S AISI 304      | Green            |
| <b>16154SSB</b> |      | 2 m |                |                   | White            |
| <b>16155SS</b>  |      | 3 m |                |                   | Green            |
| <b>16155SSB</b> |      | 3 m |                |                   | White            |
| <b>16163SS</b>  |      | 1 m |                |                   | Green            |
| <b>16163SSB</b> |      | 1 m |                |                   | White            |
| <b>16164SS</b>  | 4.76 | 2 m | S/S AISI 430F  | Zinc plated steel | Green            |
| <b>16164SSB</b> |      | 2 m |                |                   | White            |
| <b>16165SS</b>  |      | 3 m |                |                   | Green            |
| <b>16165SSB</b> |      | 3 m |                |                   | White            |
| <b>16153AS</b>  |      | 1 m | POM            | S/S AISI 304      | Antistatic black |
| <b>16154AS</b>  | 2.72 | 2 m | POM Antistatic | S/S AISI 304      |                  |
| <b>16155AS</b>  |      | 3 m |                |                   |                  |
| <b>16163AS</b>  |      | 1 m | POM            | Zinc plated steel | Antistatic black |
| <b>16164AS</b>  | 2.72 | 2 m | POM Antistatic | Zinc plated steel |                  |
| <b>16165AS</b>  |      | 3 m |                |                   |                  |
| <b>16153ASS</b> |      | 1 m | S/S AISI 430F  | S/S AISI 304      | Antistatic black |
| <b>16154ASS</b> | 4.76 | 2 m |                |                   |                  |
| <b>16155ASS</b> |      | 3 m |                |                   |                  |
| <b>16163ASS</b> |      | 1 m | S/S AISI 430F  | Zinc plated steel | Antistatic black |
| <b>16164ASS</b> | 4.76 | 2 m |                |                   |                  |
| <b>16165ASS</b> |      | 3 m |                |                   |                  |



Polyamide conductive



Acetal resin conductive



Polyamide



Zinc plated steel



Acetal resin



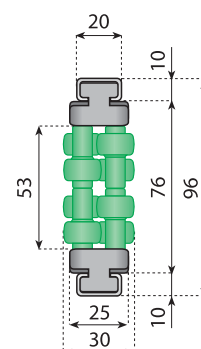
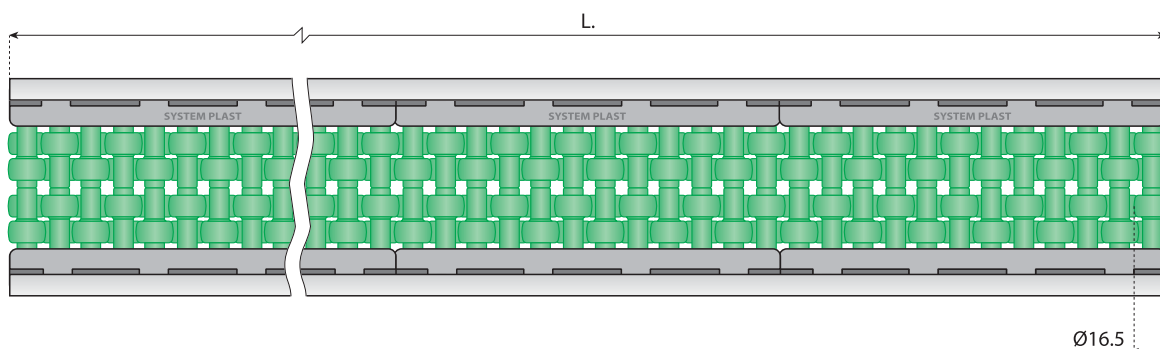
AISI 430 Stainless steel



AISI 304 Stainless steel



Accessories



# INTERMEDIARY ROLLER GUIDE WITH STEEL PROFILE FOR STRAIGHT SECTIONS



## INTERMEDIARY ROLLER GUIDE WITH STEEL PROFILE FOR STRAIGHT SECTIONS - THREE ROLLERS -

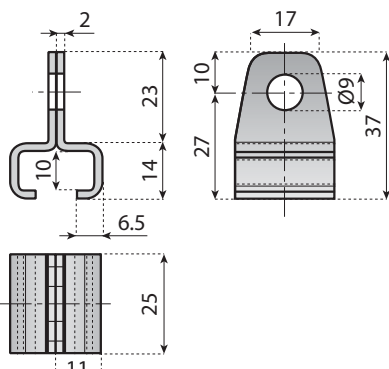
**Material:** straps in reinforced polyamide, rollers in acetal resin, screws in stainless steel.  
Pins and metal profile see the table.

**Supply:** 1m steel profile with 6 roller modules.  
2m steel profile with 12 roller modules.  
3m steel profile with 18 roller modules.

**Standard packaging:** 5 completely assembled profiles.

**Applications:** designed for rugged boxes and containers.

- Low noise rollers.
- Excellent for accumulation areas.
- Long life and smooth operation.
- Easy and quick installation.



CLAMP

| Code  | Material    |      |
|-------|-------------|------|
| 13833 | SS AISI 304 | n°50 |

| Code     | Kg/m | L   | Pins Material     | Profile Material     | Roller              |
|----------|------|-----|-------------------|----------------------|---------------------|
| 16156SS  | 6.08 | 1 m | S/S<br>AISI 430F  | S/S<br>AISI 304      | Green               |
| 16156SSB |      | 1 m |                   |                      | White               |
| 16157SS  |      | 2 m |                   |                      | Green               |
| 16157SSB |      | 2 m |                   |                      | White               |
| 16158SS  |      | 3 m |                   |                      | Green               |
| 16158SSB | 6.08 | 3 m | S/S<br>AISI 430F  | Zinc<br>plated steel | White               |
| 16166SS  |      | 1 m |                   |                      | Green               |
| 16166SSB |      | 1 m |                   |                      | White               |
| 16167SS  |      | 2 m |                   |                      | Green               |
| 16167SSB |      | 2 m |                   |                      | White               |
| 16168SS  | 3.08 | 3 m | POM<br>Antistatic | S/S<br>AISI 304      | Green               |
| 16168SSB |      | 3 m |                   |                      | White               |
| 16156AS  |      | 1 m |                   |                      | Antistatic<br>black |
| 16157AS  |      | 2 m |                   |                      |                     |
| 16158AS  |      | 3 m |                   |                      |                     |
| 16166AS  | 3.08 | 1 m | POM<br>Antistatic | Zinc<br>plated steel | Antistatic<br>black |
| 16167AS  |      | 2 m |                   |                      |                     |
| 16168AS  |      | 3 m |                   |                      |                     |
| 16156ASS |      | 1 m |                   |                      | Antistatic<br>black |
| 16157ASS |      | 2 m |                   |                      |                     |
| 16158ASS | 6.08 | 3 m | S/S<br>AISI 430F  | S/S<br>AISI 304      | Antistatic<br>black |
| 16166ASS |      | 1 m |                   |                      |                     |
| 16167ASS |      | 2 m |                   |                      |                     |
| 16168ASS |      | 3 m |                   |                      | Antistatic<br>black |



Polyamide  
conductive



Acetal resin  
conductive



Polyamide



Zinc plated steel



Acetal resin



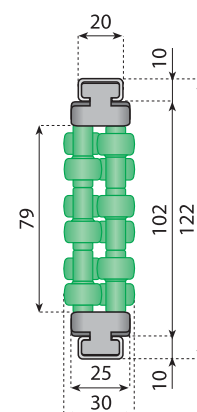
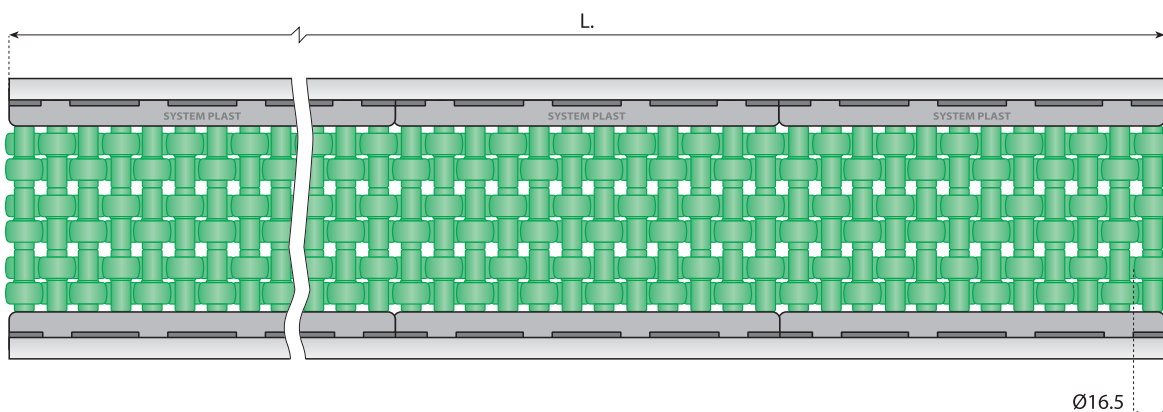
AISI 430  
Stainless steel



AISI 304  
Stainless steel



Accessories



# INTERMEDIARY ROLLER MODULES FOR CURVED SECTIONS

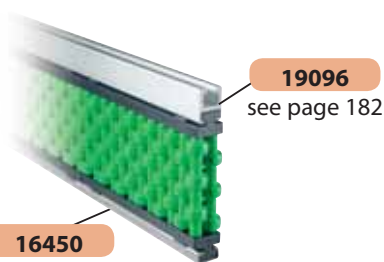


straps in reinforced polyamide, rollers in acetal resin, screws in stainless steel. Pins see the table.  
straps in reinforced polyamide  
conductive, rollers and pins in acetal resin conductive.  
supplied as single module L. 85 mm.  
40 modules.  
designed for rugged boxes and containers.

Preferred type, readily available (codes marked in red)

## Features:

- Low noise rollers.
- Excellent for accumulation areas.
- Long life and smooth operation.
- Easy and quick installation.

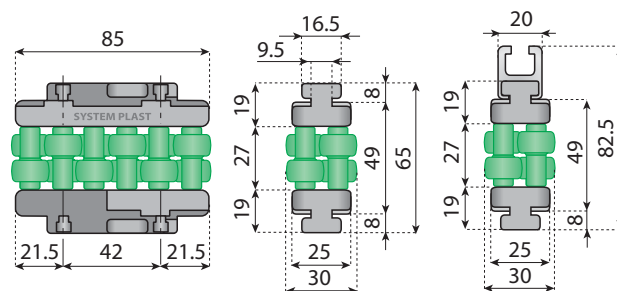


## ONE ROLLER MODULE

### Components:

N° 12 Pins • N° 12 Rollers • N° 2 Straps

| Code            | Kg/m | Pins Material  | Roller           |
|-----------------|------|----------------|------------------|
| <b>16451</b>    | 0.14 | POM            | Green            |
| <b>16451B</b>   |      | POM            | White            |
| <b>16451AS</b>  |      | POM Antistatic | Antistatic black |
| <b>16451SS</b>  | 0.23 | S/S            | Green            |
| <b>16451SSB</b> |      | AISI 430F      | White            |
| <b>16451ASS</b> |      |                | Antistatic black |

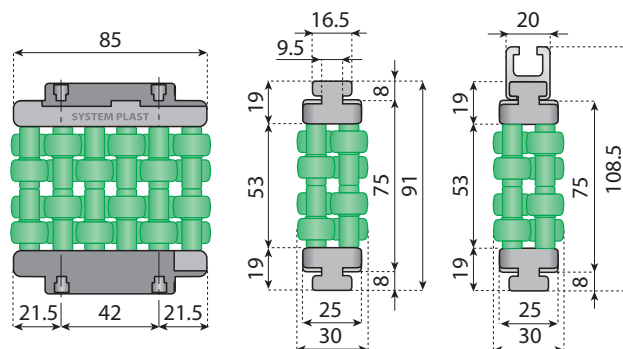


## TWO ROLLERS MODULE

### Components:

N° 12 Pins • N° 12 Rollers • N° 2 Straps

| Code            | Kg/m | Pins Material  | Roller           |
|-----------------|------|----------------|------------------|
| <b>16452</b>    | 0.17 | POM            | Green            |
| <b>16452B</b>   |      | POM            | White            |
| <b>16452AS</b>  |      | POM Antistatic | Antistatic black |
| <b>16452SS</b>  | 0.33 | S/S            | Green            |
| <b>16452SSB</b> |      | AISI 430F      | White            |
| <b>16452ASS</b> |      |                | Antistatic black |

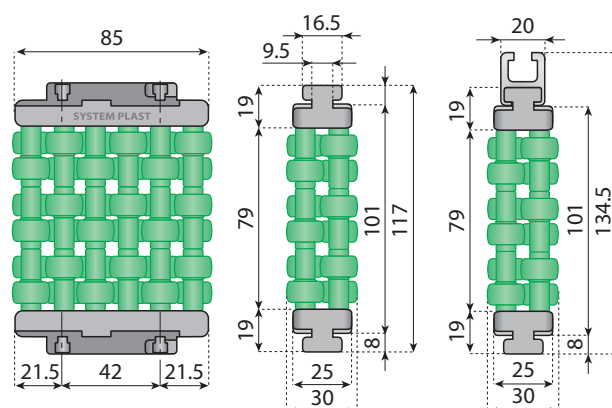


## THREE ROLLERS MODULE

### Components:

N° 12 Pins • N° 12 Rollers • N° 2 Straps

| Code            | Kg/m | Pins Material | Roller           |
|-----------------|------|---------------|------------------|
| <b>16453SS</b>  | 0.44 | S/S           | Green            |
| <b>16453SSB</b> |      | AISI 430F     | White            |
| <b>16453ASS</b> |      |               | Antistatic black |



# INTERMEDIARY ROLLER GUIDE WITH STEEL PROFILE FOR CURVED SECTIONS

## INTERMEDIARY ROLLER GUIDE WITH STEEL PROFILE FOR CURVED SECTIONS ONE ROLLER • TWO ROLLERS • THREE ROLLERS

**Material:** straps in reinforced polyamide, rollers in acetal resin, screws in stainless steel.  
Pins and metal profile see the table.

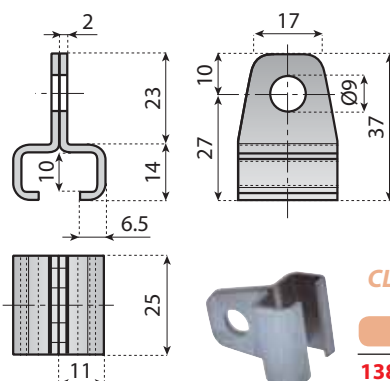
**Supply:** 3m steel profile with 35 roller modules 35 pieces.

**Standard packaging:** 5 completely assembled profiles.

**Applications:** designed for rugged boxes and containers.

### Features:

- Low noise rollers.
- Excellent for accumulation areas.
- Long life and smooth operation.
- Easy and quick installation.



### CLAMP

#### Code

13833

Material

SS AISI 304

Accessories

n°50



Acetal resin  
conductive



Acetal resin



AISI 304  
Stainless steel



Accessories



Polyamide  
conductive



Polyamide



AISI 430  
Stainless steel

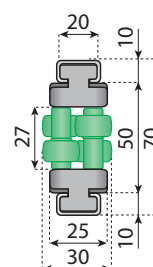
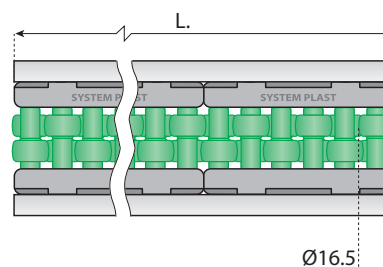


Zinc plated steel



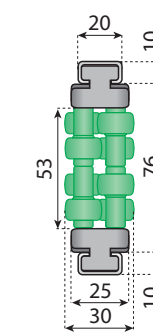
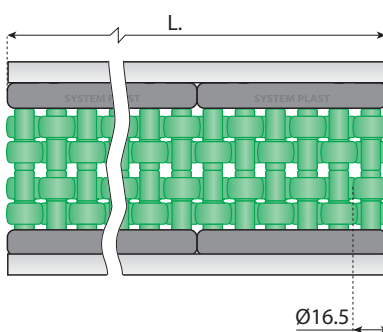
### ONE ROLLER

| Code     | Kg/m | L   | Pins Material | Profile Material  | Roller           |
|----------|------|-----|---------------|-------------------|------------------|
| 16200    |      |     |               | S/S AISI 304      | Green            |
| 16200B   |      |     |               | S/S AISI 304      | White            |
| 16201    | 1.9  | 3 m | POM           | Zinc plated steel | Green            |
| 16201B   |      |     |               | Zinc plated steel | White            |
| 16200SS  |      |     |               | S/S AISI 304      | Green            |
| 16200SSB |      |     |               | S/S AISI 304      | White            |
| 16201SS  | 2.9  | 3 m | S/S AISI 430F | Zinc plated steel | Green            |
| 16201SSB |      |     |               | Zinc plated steel | White            |
| 16200AS  | 1.9  | 3 m | POM           | S/S AISI 304      | Antistatic black |
| 16201AS  |      |     | Antistatic    | Zinc plated steel | black            |
| 16200ASS | 2.9  | 3 m | S/S AISI 430F | S/S AISI 304      | Antistatic black |
| 16201ASS |      |     |               | Zinc plated steel | black            |

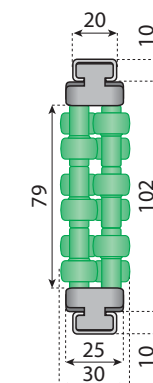
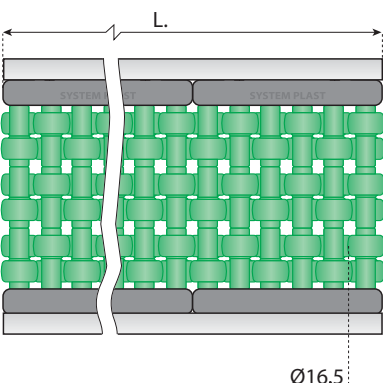


### TWO ROLLERS

| Code     | Kg/m | L   | Pins Material | Profile Material  | Roller           |
|----------|------|-----|---------------|-------------------|------------------|
| 16202    |      |     |               | S/S AISI 304      | Green            |
| 16202B   |      |     |               | S/S AISI 304      | White            |
| 16203    | 2.25 | 3 m | POM           | Zinc plated steel | Green            |
| 16203B   |      |     |               | Zinc plated steel | White            |
| 16202SS  |      |     |               | S/S AISI 304      | Green            |
| 16202SSB |      |     |               | S/S AISI 304      | White            |
| 16203SS  | 4.15 | 3 m | S/S AISI 430F | Zinc plated steel | Green            |
| 16203SSB |      |     |               | Zinc plated steel | White            |
| 16202AS  | 2.25 | 3 m | POM           | S/S AISI 304      | Antistatic black |
| 16203AS  |      |     | Antistatic    | Zinc plated steel | black            |
| 16202ASS | 4.15 | 3 m | S/S AISI 430F | S/S AISI 304      | Antistatic black |
| 16203ASS |      |     |               | Zinc plated steel | black            |



| Code     | Kg/m | L   | Pins Material | Profile Material  | Roller           |
|----------|------|-----|---------------|-------------------|------------------|
| 16204SS  |      |     |               | S/S AISI 304      | Green            |
| 16204SSB |      |     |               | S/S AISI 304      | White            |
| 16205SS  | 5.40 | 3 m | S/S AISI 430F | Zinc plated steel | Green            |
| 16205SSB |      |     |               | Zinc plated steel | White            |
| 16204AS  | 2.60 | 3 m | POM           | S/S AISI 304      | Antistatic black |
| 16205AS  |      |     | Antistatic    | Zinc plated steel | black            |
| 16204ASS | 5.40 | 3 m | S/S AISI 430F | S/S AISI 304      | Antistatic black |
| 16205ASS |      |     |               | Zinc plated steel | black            |



Preferred type, readily available (codes marked in red)

# ACCUMULATION ROLLER SIDE GUIDES WITH THE POSSIBILITY OF FIXING WITH CLAMPS

## ACCUMULATION ROLLER SIDE GUIDES - ONE ROLLER -

**Material:** straps in reinforced polyamide, rollers in acetal resin, screws in stainless steel. Pins and metal profile see the table.

**Supply:** 1m steel profile with 4 roller modules.

2m steel profile with 8 roller modules.

3m steel profile with 12 roller modules.

**Standard packaging:** 2 completely assembled guides.

**Applications:** designed for rugged boxes and containers.

**Note:** each segment can be pulled out without removing pins and rollers. The new design of the side strap provides a position for the clamp without the need for screws or other fixing methods on the conveyors.

 Preferred type, readily available (codes marked in red)

### Features:

- Low noise rollers.
- Excellent for accumulation areas.
- Long life and smooth operation.
- Easy and quick installation.

| Code             |  Kg/m |  L |  Pins Material |  Profile Material |  Roller |
|------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>16686LX</b>   | 2.0                                                                                    | 1 m                                                                                 | POM                                                                                             | S/S<br>AISI 304                                                                                      | White                                                                                      |
| <b>16686VX</b>   |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16687LX</b>   |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16687VX</b>   |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16688LX</b>   |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16688VX</b>   |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16001LX</b>   | 2.0                                                                                    | 1 m                                                                                 | POM                                                                                             | Zinc<br>plated steel                                                                                 | White                                                                                      |
| <b>16001VX</b>   |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16002LX</b>   |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16002VX</b>   |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16003LX</b>   |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16003VX</b>   |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16686LXS</b>  | 2.4                                                                                    | 1 m                                                                                 | S/S<br>AISI 430F                                                                                | S/S<br>AISI 304                                                                                      | White                                                                                      |
| <b>16686VXS</b>  |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16687LXS</b>  |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16687VXS</b>  |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16688LXS</b>  |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16688VXS</b>  |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16001LXS</b>  | 2.4                                                                                    | 1 m                                                                                 | S/S<br>AISI 430F                                                                                | Zinc<br>plated steel                                                                                 | White                                                                                      |
| <b>16001VXS</b>  |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16002LXS</b>  |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16002VXS</b>  |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16003LXS</b>  |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16003VXS</b>  |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16686LXA</b>  | 2.0                                                                                    | 1 m                                                                                 | POM<br>Antistatic                                                                               | S/S<br>AISI 304                                                                                      | Antistatic<br>black                                                                        |
| <b>16687LXA</b>  |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16688LXA</b>  |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16001LXA</b>  | 2.0                                                                                    | 1 m                                                                                 | POM<br>Antistatic                                                                               | Zinc<br>plated steel                                                                                 | Antistatic<br>black                                                                        |
| <b>16002LXA</b>  |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16003LXA</b>  |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16686LXAS</b> | 2.4                                                                                    | 1 m                                                                                 | S/S<br>AISI 430F                                                                                | S/S<br>AISI 304                                                                                      | Antistatic<br>black                                                                        |
| <b>16687LXAS</b> |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16688LXAS</b> |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16001LXAS</b> | 2.4                                                                                    | 1 m                                                                                 | S/S<br>AISI 430F                                                                                | Zinc<br>plated steel                                                                                 | Antistatic<br>black                                                                        |
| <b>16002LXAS</b> |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16003LXAS</b> |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |



Polyamide  
conductive



Acetal resin  
conductive



Polyamide



Zinc plated steel



Acetal resin



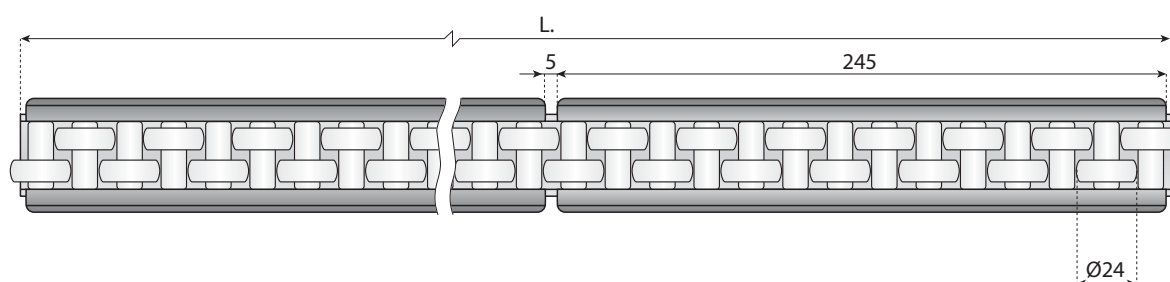
AISI 430  
Stainless steel



AISI 304  
Stainless steel



Accessories



# ACCUMULATION ROLLER SIDE GUIDES

## ACCUMULATION ROLLER SIDE GUIDES - ONE ROLLER -

**Material:** straps in reinforced polyamide, rollers in acetal resin, screws in stainless steel. Pins and metal profile see the table.

**Supply:** 1m steel profile with 4 roller modules.

2m steel profile with 8 roller modules.

3m steel profile with 12 roller modules.

**Standard packaging:** 2 completely assembled guides.

**Applications:** designed for rugged boxes and containers.

**Note:** each segment can be pulled out without removing pins and rollers.

 Preferred type, readily available (codes marked in red)



### Features:

- Low noise rollers.
- Excellent for accumulation areas.
- Long life and smooth operation.
- Easy and quick installation.

| Code            |  |  |  |  |  |
|-----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>16686L</b>   | 2.2                                                                               | 1 m                                                                               | POM                                                                               | S/S<br>AISI 304                                                                     | White                                                                               |
| <b>16686V</b>   |                                                                                   | 1 m                                                                               |                                                                                   |                                                                                     | Green                                                                               |
| <b>16687L</b>   |                                                                                   | 2 m                                                                               |                                                                                   |                                                                                     | White                                                                               |
| <b>16687V</b>   |                                                                                   | 2 m                                                                               |                                                                                   |                                                                                     | Green                                                                               |
| <b>16688L</b>   |                                                                                   | 3 m                                                                               |                                                                                   |                                                                                     | White                                                                               |
| <b>16688V</b>   | 2.2                                                                               | 3 m                                                                               | POM                                                                               | Zinc<br>plated steel                                                                | Green                                                                               |
| <b>16001L</b>   |                                                                                   | 1 m                                                                               |                                                                                   |                                                                                     | White                                                                               |
| <b>16001V</b>   |                                                                                   | 1 m                                                                               |                                                                                   |                                                                                     | Green                                                                               |
| <b>16002L</b>   |                                                                                   | 2 m                                                                               |                                                                                   |                                                                                     | White                                                                               |
| <b>16002V</b>   |                                                                                   | 2 m                                                                               |                                                                                   |                                                                                     | Green                                                                               |
| <b>16003L</b>   | 2.6                                                                               | 3 m                                                                               | S/S<br>AISI 430F                                                                  | S/S<br>AISI 304                                                                     | White                                                                               |
| <b>16003V</b>   |                                                                                   | 3 m                                                                               |                                                                                   |                                                                                     | Green                                                                               |
| <b>16686LSS</b> |                                                                                   | 1 m                                                                               |                                                                                   |                                                                                     | White                                                                               |
| <b>16686VSS</b> |                                                                                   | 1 m                                                                               |                                                                                   |                                                                                     | Green                                                                               |
| <b>16687LSS</b> |                                                                                   | 2 m                                                                               |                                                                                   |                                                                                     | White                                                                               |
| <b>16687VSS</b> | 2.6                                                                               | 2 m                                                                               |                                                                                   |                                                                                     | Green                                                                               |
| <b>16688LSS</b> |                                                                                   | 3 m                                                                               |                                                                                   |                                                                                     | White                                                                               |
| <b>16688VSS</b> |                                                                                   | 3 m                                                                               |                                                                                   |                                                                                     | Green                                                                               |
| <b>16001LSS</b> |                                                                                   | 1 m                                                                               | S/S<br>AISI 430F                                                                  | Zinc<br>plated steel                                                                | White                                                                               |
| <b>16001VSS</b> |                                                                                   | 1 m                                                                               |                                                                                   |                                                                                     | Green                                                                               |
| <b>16002LSS</b> |                                                                                   | 2 m                                                                               |                                                                                   |                                                                                     | White                                                                               |
| <b>16002VSS</b> |                                                                                   | 2 m                                                                               |                                                                                   |                                                                                     | Green                                                                               |
| <b>16003LSS</b> | 2.2                                                                               | 3 m                                                                               |                                                                                   |                                                                                     | White                                                                               |
| <b>16003VSS</b> |                                                                                   | 3 m                                                                               |                                                                                   |                                                                                     | Green                                                                               |
| <b>16686AS</b>  |                                                                                   | 1 m                                                                               | POM<br>Antistatic                                                                 | S/S<br>AISI 304                                                                     | Antistatic<br>black                                                                 |
| <b>16687AS</b>  | 2.2                                                                               | 2 m                                                                               |                                                                                   |                                                                                     |                                                                                     |
| <b>16688AS</b>  |                                                                                   | 3 m                                                                               |                                                                                   |                                                                                     |                                                                                     |
| <b>16001AS</b>  |                                                                                   | 1 m                                                                               | POM<br>Antistatic                                                                 | Zinc<br>plated steel                                                                | Antistatic<br>black                                                                 |
| <b>16002AS</b>  | 2.2                                                                               | 2 m                                                                               |                                                                                   |                                                                                     |                                                                                     |
| <b>16003AS</b>  |                                                                                   | 3 m                                                                               |                                                                                   |                                                                                     |                                                                                     |
| <b>16686ASS</b> | 2.6                                                                               | 1 m                                                                               | S/S<br>AISI 430F                                                                  | S/S<br>AISI 304                                                                     | Antistatic<br>black                                                                 |
| <b>16687ASS</b> |                                                                                   | 2 m                                                                               |                                                                                   |                                                                                     |                                                                                     |
| <b>16688ASS</b> |                                                                                   | 3 m                                                                               |                                                                                   |                                                                                     |                                                                                     |
| <b>16001ASS</b> | 2.6                                                                               | 1 m                                                                               | S/S<br>AISI 430F                                                                  | Zinc<br>plated steel                                                                | Antistatic<br>black                                                                 |
| <b>16002ASS</b> |                                                                                   | 2 m                                                                               |                                                                                   |                                                                                     |                                                                                     |
| <b>16003ASS</b> |                                                                                   | 3 m                                                                               |                                                                                   |                                                                                     |                                                                                     |



Polyamide  
conductive



Acetal resin  
conductive



Polyamide



Zinc plated steel



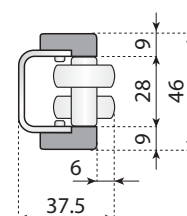
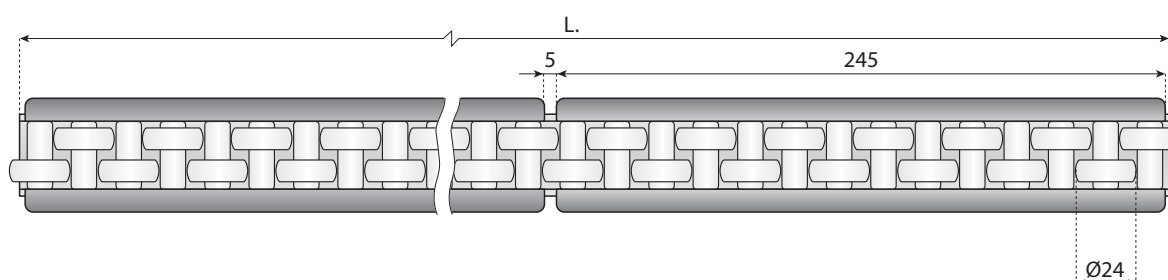
Acetal resin



AISI 430  
Stainless steel



AISI 304  
Stainless steel



# ACCUMULATION ROLLER SIDE GUIDES

## ACCUMULATION ROLLER SIDE GUIDES - TWO ROLLERS -

**Material:** straps in reinforced polyamide, rollers in acetal resin, screws in stainless steel. Pins and metal profile see the table.

**Supply:** 1m steel profile with 4 roller modules.

2m steel profile with 8 roller modules.

3m steel profile with 12 roller modules.

**Standard packaging:** 2 completely assembled guides.

**Applications:** designed for rugged boxes and containers.

**Note:** each segment can be pulled out without removing pins and rollers.

 Preferred type, readily available (codes marked in red)



### Features:

- Low noise rollers.
- Excellent for accumulation areas.
- Long life and smooth operation.
- Easy and quick installation.

| Code            |  Kg/m |  L |  Pins Material |  Profile Material |  Roller |
|-----------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>16683L</b>   | 3.1                                                                                    | 1 m                                                                                 | POM                                                                                             | S/S<br>AISI 304                                                                                      | White                                                                                      |
| <b>16683V</b>   |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16684L</b>   |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16684V</b>   |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16685L</b>   |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16685V</b>   | 3.1                                                                                    | 3 m                                                                                 | POM                                                                                             | Zinc<br>plated steel                                                                                 | Green                                                                                      |
| <b>16004L</b>   |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16004V</b>   |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16005L</b>   |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16005V</b>   |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16006L</b>   | 3.8                                                                                    | 3 m                                                                                 | S/S<br>AISI 430F                                                                                | S/S<br>AISI 304                                                                                      | White                                                                                      |
| <b>16006V</b>   |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16683LSS</b> |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16683VSS</b> |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16684LSS</b> |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16684VSS</b> | 3.8                                                                                    | 2 m                                                                                 | S/S<br>AISI 430F                                                                                | Zinc<br>plated steel                                                                                 | Green                                                                                      |
| <b>16685LSS</b> |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16685VSS</b> |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16004LSS</b> |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16004VSS</b> |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16005LSS</b> | 3.1                                                                                    | 2 m                                                                                 | POM<br>Antistatic                                                                               | S/S<br>AISI 304                                                                                      | Antistatic<br>black                                                                        |
| <b>16005VSS</b> |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | Antistatic<br>black                                                                        |
| <b>16006LSS</b> |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | Antistatic<br>black                                                                        |
| <b>16006VSS</b> |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | Antistatic<br>black                                                                        |
| <b>16683ASS</b> | 3.8                                                                                    | 1 m                                                                                 | S/S<br>AISI 430F                                                                                | S/S<br>AISI 304                                                                                      | Antistatic<br>black                                                                        |
| <b>16684ASS</b> |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | Antistatic<br>black                                                                        |
| <b>16685ASS</b> |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | Antistatic<br>black                                                                        |
| <b>16004ASS</b> |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | Antistatic<br>black                                                                        |
| <b>16005ASS</b> |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | Antistatic<br>black                                                                        |
| <b>16006ASS</b> | 3.8                                                                                    | 3 m                                                                                 | S/S<br>AISI 430F                                                                                | Zinc<br>plated steel                                                                                 | Antistatic<br>black                                                                        |



Polyamide  
conductive



Acetal resin  
conductive



Polyamide



Zinc plated steel



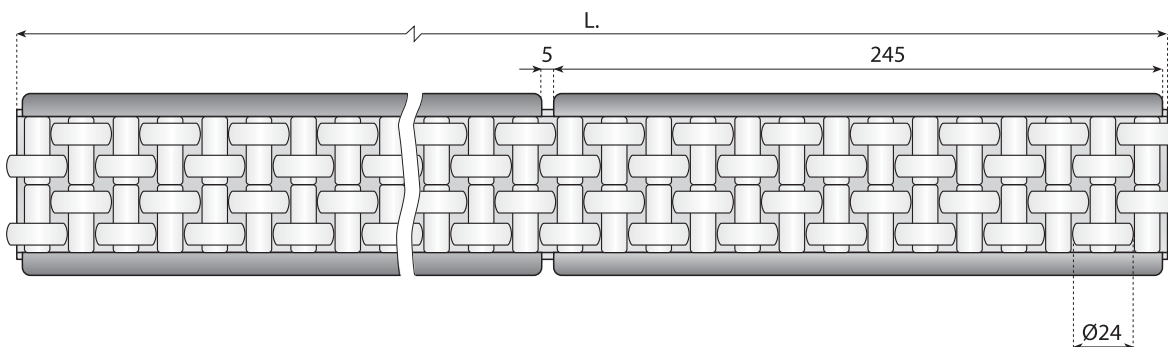
Acetal resin



AISI 430  
Stainless steel



AISI 304  
Stainless steel



# ACCUMULATION ROLLER SIDE GUIDES

## ACCUMULATION ROLLER SIDE GUIDES - THREE ROLLERS -

**Material:** straps in reinforced polyamide, rollers in acetal resin, screws in stainless steel. Pins and metal profile see the table.

**Supply:** 1m steel profile with 4 roller modules.

2m steel profile with 8 roller modules.

3m steel profile with 12 roller modules.

**Standard packaging:** 2 completely assembled guides.

**Applications:** designed for rugged boxes and containers.

**Note:** each segment can be pulled out without removing pins and rollers.

 Preferred type, readily available (codes marked in red)



### Features:

- Low noise rollers.
- Excellent for accumulation areas.
- Long life and smooth operation.
- Easy and quick installation.

| Code           |  |  |  |  |  |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>16689L</b>  | 5.0                                                                                 | 1 m                                                                                 | S/S<br>AISI 430F                                                                    | S/S<br>AISI 304                                                                      | White                                                                                 |
| <b>16689V</b>  |                                                                                     | 1 m                                                                                 |                                                                                     |                                                                                      | Green                                                                                 |
| <b>16690L</b>  |                                                                                     | 2 m                                                                                 |                                                                                     |                                                                                      | White                                                                                 |
| <b>16690V</b>  |                                                                                     | 2 m                                                                                 |                                                                                     |                                                                                      | Green                                                                                 |
| <b>16691L</b>  |                                                                                     | 3 m                                                                                 |                                                                                     |                                                                                      | White                                                                                 |
| <b>16691V</b>  | 5.0                                                                                 | 3 m                                                                                 | S/S<br>AISI 430F                                                                    | Zinc<br>plated steel                                                                 | Green                                                                                 |
| <b>16007L</b>  |                                                                                     | 1 m                                                                                 |                                                                                     |                                                                                      | White                                                                                 |
| <b>16007V</b>  |                                                                                     | 1 m                                                                                 |                                                                                     |                                                                                      | Green                                                                                 |
| <b>16008L</b>  |                                                                                     | 2 m                                                                                 |                                                                                     |                                                                                      | White                                                                                 |
| <b>16008V</b>  |                                                                                     | 2 m                                                                                 |                                                                                     |                                                                                      | Green                                                                                 |
| <b>16009L</b>  | 5.0                                                                                 | 3 m                                                                                 | S/S<br>AISI 430F                                                                    | Zinc<br>plated steel                                                                 | White                                                                                 |
| <b>16009V</b>  |                                                                                     | 3 m                                                                                 |                                                                                     |                                                                                      | Green                                                                                 |
| <b>16689AS</b> |                                                                                     | 1 m                                                                                 |                                                                                     |                                                                                      | Black/Antistatic                                                                      |
| <b>16690AS</b> |                                                                                     | 2 m                                                                                 |                                                                                     |                                                                                      |                                                                                       |
| <b>16691AS</b> |                                                                                     | 3 m                                                                                 |                                                                                     |                                                                                      |                                                                                       |
| <b>16007AS</b> | 5.0                                                                                 | 1 m                                                                                 | S/S<br>AISI 430F                                                                    | Zinc<br>plated steel                                                                 | Black/Antistatic                                                                      |
| <b>16008AS</b> |                                                                                     | 2 m                                                                                 |                                                                                     |                                                                                      |                                                                                       |
| <b>16009AS</b> |                                                                                     | 3 m                                                                                 |                                                                                     |                                                                                      |                                                                                       |



Polyamide  
conductive



Acetal resin  
conductive



Polyamide



Zinc plated steel



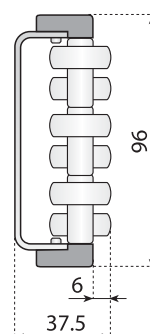
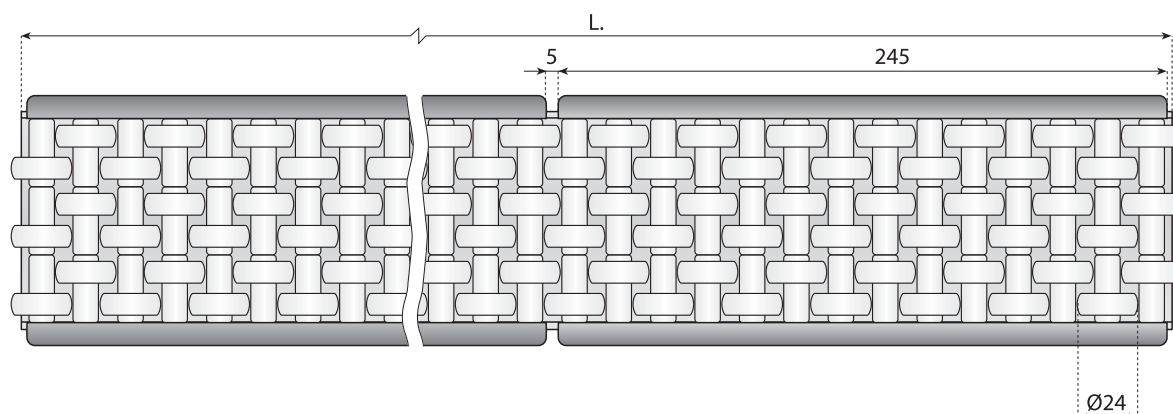
Acetal resin



AISI 430  
Stainless steel



AISI 304  
Stainless steel



# ACCUMULATION ROLLER SIDE GUIDES

## ACCUMULATION ROLLER SIDE GUIDES - FOUR ROLLERS -

**Material:** straps in reinforced polyamide, rollers in acetal resin, screws in stainless steel. Pins and metal profile see the table.

**Supply:** 1m steel profile with 4 roller modules.

2m steel profile with 8 roller modules.

3m steel profile with 12 roller modules.

**Standard packaging:** 2 completely assembled guides.

**Applications:** designed for rugged boxes and containers.

**Note:** each segment can be pulled out without removing pins and rollers.

 Preferred type, readily available (codes marked in red)



### Features:

- Low noise rollers.
- Excellent for accumulation areas.
- Long life and smooth operation.
- Easy and quick installation.

| Code           |  Kg/m |  L |  Pins Material |  Profile Material |  Roller |
|----------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>16400L</b>  | 6.2                                                                                      | 1 m                                                                                   | S/S<br>AISI 430F                                                                                  | S/S<br>AISI 304                                                                                       | White                                                                                        |
| <b>16400V</b>  |                                                                                          | 1 m                                                                                   |                                                                                                   |                                                                                                       | Green                                                                                        |
| <b>16401L</b>  |                                                                                          | 2 m                                                                                   |                                                                                                   |                                                                                                       | White                                                                                        |
| <b>16401V</b>  |                                                                                          | 2 m                                                                                   |                                                                                                   |                                                                                                       | Green                                                                                        |
| <b>16402L</b>  | 6.2                                                                                      | 3 m                                                                                   | S/S<br>AISI 430F                                                                                  | Zinc<br>plated steel                                                                                  | White                                                                                        |
| <b>16402V</b>  |                                                                                          | 3 m                                                                                   |                                                                                                   |                                                                                                       | Green                                                                                        |
| <b>16011L</b>  |                                                                                          | 1 m                                                                                   |                                                                                                   |                                                                                                       | White                                                                                        |
| <b>16011V</b>  |                                                                                          | 1 m                                                                                   |                                                                                                   |                                                                                                       | Green                                                                                        |
| <b>16012L</b>  | 6.2                                                                                      | 2 m                                                                                   | S/S<br>AISI 430F                                                                                  | Zinc<br>plated steel                                                                                  | White                                                                                        |
| <b>16012V</b>  |                                                                                          | 2 m                                                                                   |                                                                                                   |                                                                                                       | Green                                                                                        |
| <b>16013L</b>  |                                                                                          | 3 m                                                                                   |                                                                                                   |                                                                                                       | White                                                                                        |
| <b>16013V</b>  |                                                                                          | 3 m                                                                                   |                                                                                                   |                                                                                                       | Green                                                                                        |
| <b>16400AS</b> | 6.2                                                                                      | 1 m                                                                                   | S/S<br>AISI 430F                                                                                  | S/S<br>AISI 304                                                                                       | Black/Antistatic                                                                             |
| <b>16401AS</b> |                                                                                          | 2 m                                                                                   |                                                                                                   |                                                                                                       |                                                                                              |
| <b>16402AS</b> |                                                                                          | 3 m                                                                                   |                                                                                                   |                                                                                                       |                                                                                              |
| <b>16011AS</b> | 6.2                                                                                      | 1 m                                                                                   | S/S<br>AISI 430F                                                                                  | Zinc<br>plated steel                                                                                  | Black/Antistatic                                                                             |
| <b>16012AS</b> |                                                                                          | 2 m                                                                                   |                                                                                                   |                                                                                                       |                                                                                              |
| <b>16013AS</b> |                                                                                          | 3 m                                                                                   |                                                                                                   |                                                                                                       |                                                                                              |



Polyamide  
conductive



Acetal resin  
conductive



Polyamide



Zinc plated steel



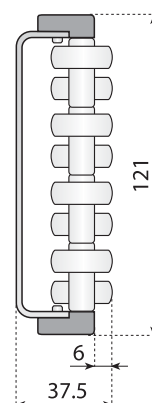
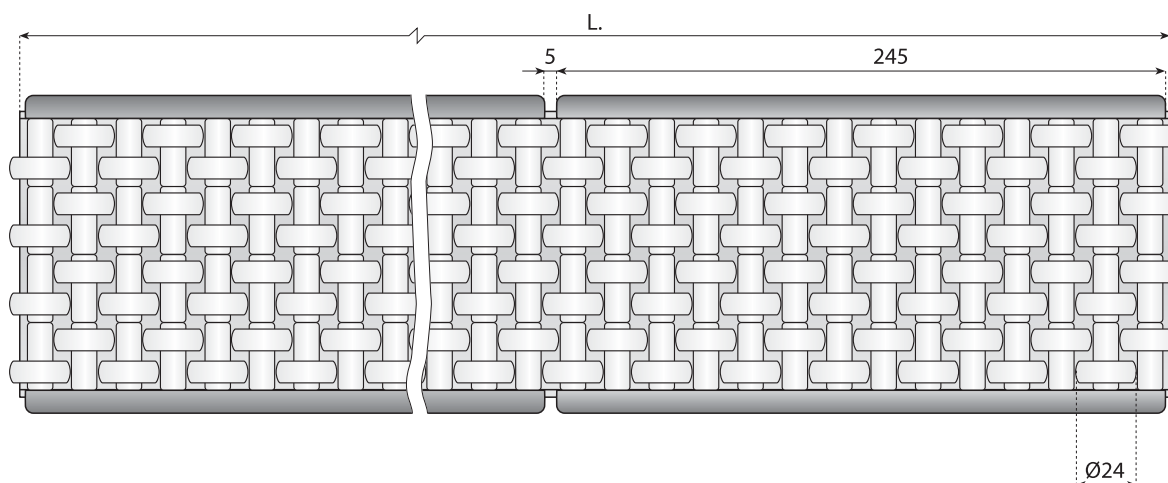
Acetal resin



AISI 430  
Stainless steel



AISI 304  
Stainless steel



# ACCUMULATION ROLLER SIDE GUIDES

## ACCUMULATION ROLLER SIDE GUIDES - ONE ROLLER -

**Material:** straps in reinforced polyamide, rollers in acetal resin, screws in stainless steel. Pins and metal profile see the table.

**Supply:** 1m steel profile with 4 roller modules.

2m steel profile with 8 roller modules.

3m steel profile with 12 roller modules.

**Standard packaging:** 2 completely assembled guides.

**Applications:** designed for rugged boxes and containers.

**Note:** each segment can be pulled out without removing pins and rollers.

 Preferred type, readily available (codes marked in red)



### Features:

- Low noise rollers.
- Excellent for accumulation areas.
- Long life and smooth operation.
- Easy and quick installation.

Mini gap

| Code            |  Kg/m |  L |  Pins Material |  Profile Material |  Roller |
|-----------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>16050B</b>   | 2.4                                                                                    | 1 m                                                                                 | POM                                                                                             | S/S<br>AISI 304                                                                                      | White                                                                                      |
| <b>16050</b>    |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16051B</b>   |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16051</b>    |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16052B</b>   |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16052</b>    |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16030B</b>   | 2.4                                                                                    | 1 m                                                                                 | POM                                                                                             | Zinc<br>plated steel                                                                                 | White                                                                                      |
| <b>16030</b>    |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16031B</b>   |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16031</b>    |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16032B</b>   |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16032</b>    |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16050BSS</b> | 2.8                                                                                    | 1 m                                                                                 | S/S<br>AISI 430F                                                                                | S/S<br>AISI 304                                                                                      | White                                                                                      |
| <b>16050SS</b>  |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16051BSS</b> |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16051SS</b>  |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16052BSS</b> |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16052SS</b>  |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16030BSS</b> | 2.8                                                                                    | 1 m                                                                                 | S/S<br>AISI 430F                                                                                | Zinc<br>plated steel                                                                                 | White                                                                                      |
| <b>16030SS</b>  |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16031BSS</b> |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16031SS</b>  |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16032BSS</b> |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16032SS</b>  |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16050AS</b>  | 2.4                                                                                    | 1 m                                                                                 | POM<br>Antistatic                                                                               | S/S<br>AISI 304                                                                                      | Antistatic<br>black                                                                        |
| <b>16051AS</b>  |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16052AS</b>  |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16030AS</b>  | 2.4                                                                                    | 1 m                                                                                 | POM<br>Antistatic                                                                               | Zinc<br>plated steel                                                                                 | Antistatic<br>black                                                                        |
| <b>16031AS</b>  |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16032AS</b>  |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16050ASS</b> | 2.8                                                                                    | 1 m                                                                                 | S/S<br>AISI 430F                                                                                | S/S<br>AISI 304                                                                                      | Antistatic<br>black                                                                        |
| <b>16051ASS</b> |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16052ASS</b> |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16030ASS</b> | 2.8                                                                                    | 1 m                                                                                 | S/S<br>AISI 430F                                                                                | Zinc<br>plated steel                                                                                 | Antistatic<br>black                                                                        |
| <b>16031ASS</b> |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16032ASS</b> |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |



Polyamide  
conductive



Acetal resin  
conductive



Polyamide



Zinc plated steel



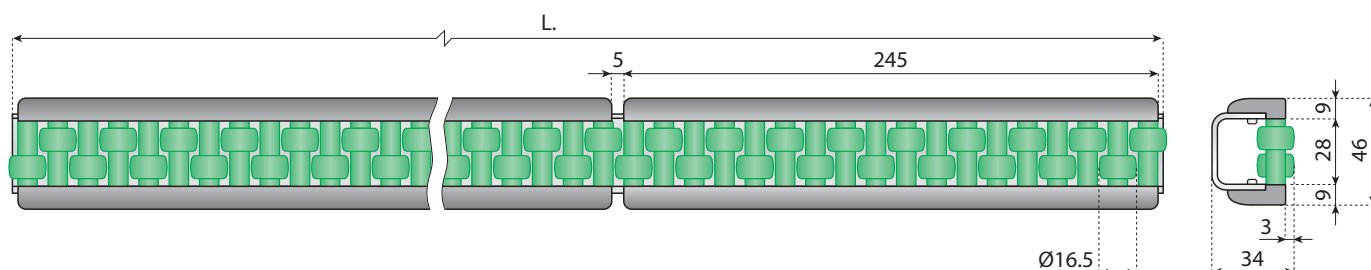
Acetal resin



AISI 430  
Stainless steel



AISI 304  
Stainless steel



## ACCUMULATION ROLLER SIDE GUIDES - TWO ROLLERS -

**Material:** straps in reinforced polyamide, rollers in acetal resin, screws in stainless steel. Pins and metal profile see the table.

**Supply:** 1m steel profile with 4 roller modules.

2m steel profile with 8 roller modules.

3m steel profile with 12 roller modules.

**Standard packaging:** 2 completely assembled guides.

**Applications:** designed for rugged boxes and containers.

**Note:** each segment can be pulled out without removing pins and rollers.

 Preferred type, readily available (codes marked in red)

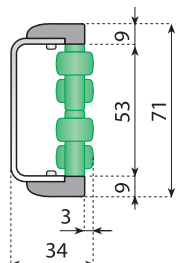
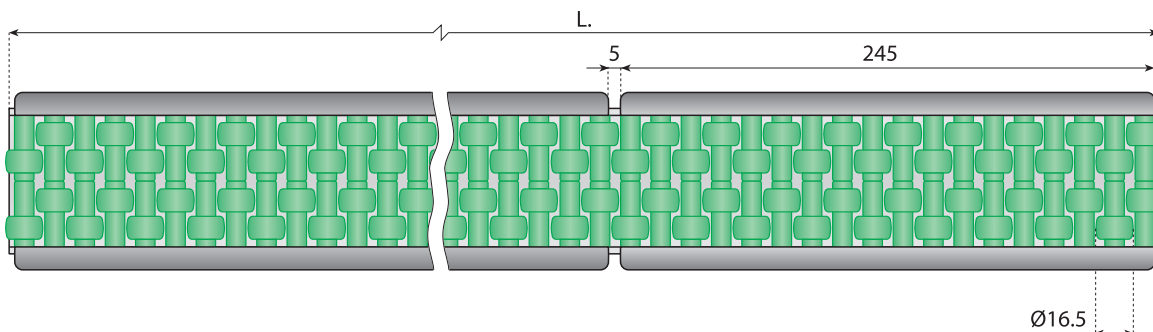


### Features:

- Low noise rollers.
- Excellent for accumulation areas.
- Long life and smooth operation.
- Easy and quick installation.

Mini gap

| Code            |  Kg/m |  L |  Pins Material |  Profile Material |  Roller |
|-----------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| <b>16053B</b>   | 3.5                                                                                    | 1 m                                                                                 | POM                                                                                             | S/S<br>AISI 304                                                                                      | White                                                                                      |
| <b>16053</b>    |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16054B</b>   |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16054</b>    |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16055B</b>   |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16055</b>    |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16033B</b>   | 3.5                                                                                    | 1 m                                                                                 | POM                                                                                             | Zinc<br>plated steel                                                                                 | White                                                                                      |
| <b>16033</b>    |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16034B</b>   |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16034</b>    |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16035B</b>   |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16035</b>    |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16053BSS</b> | 4.1                                                                                    | 1 m                                                                                 | S/S<br>AISI 430F                                                                                | S/S<br>AISI 304                                                                                      | White                                                                                      |
| <b>16053SS</b>  |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16054BSS</b> |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16054SS</b>  |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16055BSS</b> |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16055SS</b>  |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16033BSS</b> | 4.1                                                                                    | 1 m                                                                                 | S/S<br>AISI 430F                                                                                | Zinc<br>plated steel                                                                                 | White                                                                                      |
| <b>16033SS</b>  |                                                                                        | 1 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16034BSS</b> |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16034SS</b>  |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16035BSS</b> |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | White                                                                                      |
| <b>16035SS</b>  |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      | Green                                                                                      |
| <b>16053AS</b>  | 3.5                                                                                    | 1 m                                                                                 | POM                                                                                             | S/S<br>AISI 304                                                                                      | Antistatic<br>black                                                                        |
| <b>16054AS</b>  |                                                                                        | 2 m                                                                                 | Antistatic                                                                                      |                                                                                                      |                                                                                            |
| <b>16055AS</b>  |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16033AS</b>  | 3.5                                                                                    | 1 m                                                                                 | POM                                                                                             | Zinc<br>plated steel                                                                                 | Antistatic<br>black                                                                        |
| <b>16034AS</b>  |                                                                                        | 2 m                                                                                 | Antistatic                                                                                      |                                                                                                      |                                                                                            |
| <b>16035AS</b>  |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16053ASS</b> | 4.1                                                                                    | 1 m                                                                                 | S/S<br>AISI 430F                                                                                | S/S<br>AISI 304                                                                                      | Antistatic<br>black                                                                        |
| <b>16054ASS</b> |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16055ASS</b> |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16033ASS</b> | 4.1                                                                                    | 1 m                                                                                 | S/S<br>AISI 430F                                                                                | Zinc<br>plated steel                                                                                 | Antistatic<br>black                                                                        |
| <b>16034ASS</b> |                                                                                        | 2 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |
| <b>16035ASS</b> |                                                                                        | 3 m                                                                                 |                                                                                                 |                                                                                                      |                                                                                            |



Acetal resin  
conductive



Polyamide



Acetal resin



AISI 430  
Stainless steel



AISI 304  
Stainless steel

# ACCUMULATION ROLLER SIDE GUIDES

## ACCUMULATION ROLLER SIDE GUIDES - THREE ROLLERS -

**Material:** straps in reinforced polyamide, rollers in acetal resin, screws in stainless steel. Pins and metal profile see the table.

**Supply:** 1m steel profile with 4 roller modules.

2m steel profile with 8 roller modules.

3m steel profile with 12 roller modules.

**Standard packaging:** 2 completely assembled guides.

**Applications:** designed for rugged boxes and containers.

**Note:** each segment can be pulled out without removing pins and rollers.

 Preferred type, readily available (codes marked in red)



### Features:

- Low noise rollers.
- Excellent for accumulation areas.
- Long life and smooth operation.
- Easy and quick installation.

Mini  
gap

| Code           |  |  |  |  |  |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>16056B</b>  | 5.4                                                                                 | 1 m                                                                                 | S/S<br>AISI 430F                                                                    | S/S<br>AISI 304                                                                      | White                                                                                 |
| <b>16056</b>   |                                                                                     | 1 m                                                                                 |                                                                                     |                                                                                      | Green                                                                                 |
| <b>16057B</b>  |                                                                                     | 2 m                                                                                 |                                                                                     |                                                                                      | White                                                                                 |
| <b>16057</b>   |                                                                                     | 2 m                                                                                 |                                                                                     |                                                                                      | Green                                                                                 |
| <b>16058B</b>  |                                                                                     | 3 m                                                                                 |                                                                                     |                                                                                      | White                                                                                 |
| <b>16058</b>   | 5.4                                                                                 | 3 m                                                                                 | S/S<br>AISI 430F                                                                    | Zinc<br>plated steel                                                                 | Green                                                                                 |
| <b>16036B</b>  |                                                                                     | 1 m                                                                                 |                                                                                     |                                                                                      | White                                                                                 |
| <b>16036</b>   |                                                                                     | 1 m                                                                                 |                                                                                     |                                                                                      | Green                                                                                 |
| <b>16037B</b>  |                                                                                     | 2 m                                                                                 |                                                                                     |                                                                                      | White                                                                                 |
| <b>16037</b>   |                                                                                     | 2 m                                                                                 |                                                                                     |                                                                                      | Green                                                                                 |
| <b>16038B</b>  | 5.4                                                                                 | 3 m                                                                                 |                                                                                     |                                                                                      | White                                                                                 |
| <b>16038</b>   |                                                                                     | 3 m                                                                                 |                                                                                     |                                                                                      | Green                                                                                 |
| <b>16056AS</b> | 5.4                                                                                 | 1 m                                                                                 | S/S<br>AISI 430F                                                                    | S/S<br>AISI 304                                                                      | Black/Antistatic                                                                      |
| <b>16057AS</b> |                                                                                     | 2 m                                                                                 |                                                                                     |                                                                                      |                                                                                       |
| <b>16058AS</b> |                                                                                     | 3 m                                                                                 |                                                                                     |                                                                                      |                                                                                       |
| <b>16036AS</b> | 5.4                                                                                 | 1 m                                                                                 | S/S<br>AISI 430F                                                                    | Zinc<br>plated steel                                                                 | Black/Antistatic                                                                      |
| <b>16037AS</b> |                                                                                     | 2 m                                                                                 |                                                                                     |                                                                                      |                                                                                       |
| <b>16038AS</b> |                                                                                     | 3 m                                                                                 |                                                                                     |                                                                                      |                                                                                       |



Polyamide  
conductive



Acetal resin  
conductive



Polyamide



Zinc plated steel



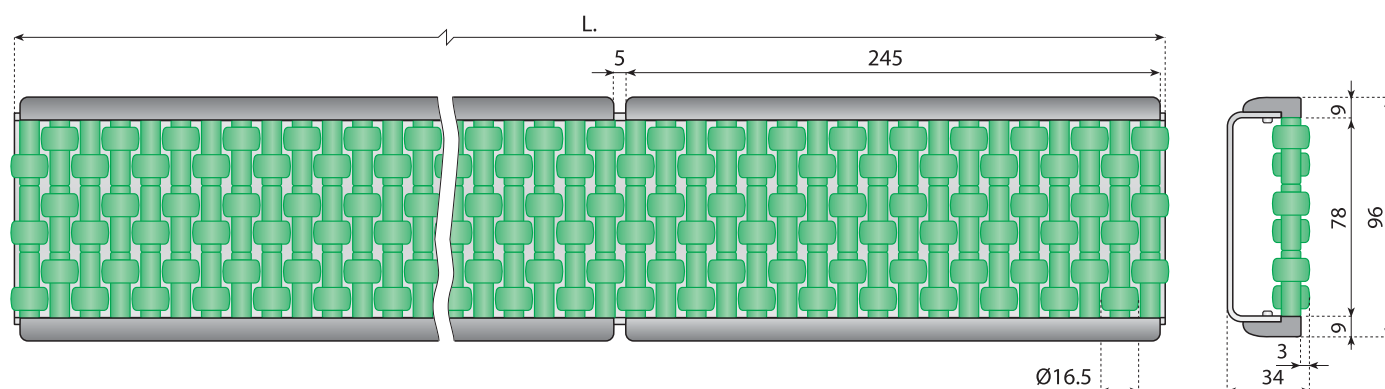
Acetal resin



AISI 430  
Stainless steel



AISI 304  
Stainless steel



## ACCUMULATION ROLLER SIDE GUIDES - FOUR ROLLERS -

**Material:** straps in reinforced polyamide, rollers in acetal resin, screws in stainless steel. Pins and metal profile see the table.

**Supply:** 1m steel profile with 4 roller modules.

2m steel profile with 8 roller modules.

3m steel profile with 12 roller modules.

**Standard packaging:** 2 completely assembled guides.

**Applications:** designed for rugged boxes and containers.

**Note:** each segment can be pulled out without removing pins and rollers.

 Preferred type, readily available (codes marked in red)



Mini gap

### Features:

- Low noise rollers.
- Excellent for accumulation areas.
- Long life and smooth operation.
- Easy and quick installation.

| Code           |  |  |  |  |  |
|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>16059B</b>  | 6.6                                                                                 | 1 m                                                                                 | S/S<br>AISI 430F                                                                    | S/S<br>AISI 304                                                                      | White                                                                                 |
| <b>16059</b>   |                                                                                     | 1 m                                                                                 |                                                                                     |                                                                                      | Green                                                                                 |
| <b>16060B</b>  |                                                                                     | 2 m                                                                                 |                                                                                     |                                                                                      | White                                                                                 |
| <b>16060</b>   |                                                                                     | 2 m                                                                                 |                                                                                     |                                                                                      | Green                                                                                 |
| <b>16061B</b>  |                                                                                     | 3 m                                                                                 |                                                                                     |                                                                                      | White                                                                                 |
| <b>16061</b>   | 6.6                                                                                 | 3 m                                                                                 | S/S<br>AISI 430F                                                                    | Zinc<br>plated steel                                                                 | Green                                                                                 |
| <b>16039B</b>  |                                                                                     | 1 m                                                                                 |                                                                                     |                                                                                      | White                                                                                 |
| <b>16039</b>   |                                                                                     | 1 m                                                                                 |                                                                                     |                                                                                      | Green                                                                                 |
| <b>16040B</b>  |                                                                                     | 2 m                                                                                 |                                                                                     |                                                                                      | White                                                                                 |
| <b>16040</b>   |                                                                                     | 2 m                                                                                 |                                                                                     |                                                                                      | Green                                                                                 |
| <b>16041B</b>  | 6.6                                                                                 | 3 m                                                                                 |                                                                                     |                                                                                      | White                                                                                 |
| <b>16041</b>   |                                                                                     | 3 m                                                                                 |                                                                                     |                                                                                      | Green                                                                                 |
| <b>16059AS</b> | 6.6                                                                                 | 1 m                                                                                 | S/S<br>AISI 430F                                                                    | S/S<br>AISI 304                                                                      | Black/Antistatic                                                                      |
| <b>16060AS</b> |                                                                                     | 2 m                                                                                 |                                                                                     |                                                                                      |                                                                                       |
| <b>16061AS</b> |                                                                                     | 3 m                                                                                 |                                                                                     |                                                                                      |                                                                                       |
| <b>16039AS</b> | 6.6                                                                                 | 1 m                                                                                 | S/S<br>AISI 430F                                                                    | Zinc<br>plated steel                                                                 | Black/Antistatic                                                                      |
| <b>16040AS</b> |                                                                                     | 2 m                                                                                 |                                                                                     |                                                                                      |                                                                                       |
| <b>16041AS</b> |                                                                                     | 3 m                                                                                 |                                                                                     |                                                                                      |                                                                                       |



Polyamide  
conductive



Acetal resin  
conductive



Polyamide



Zinc plated steel



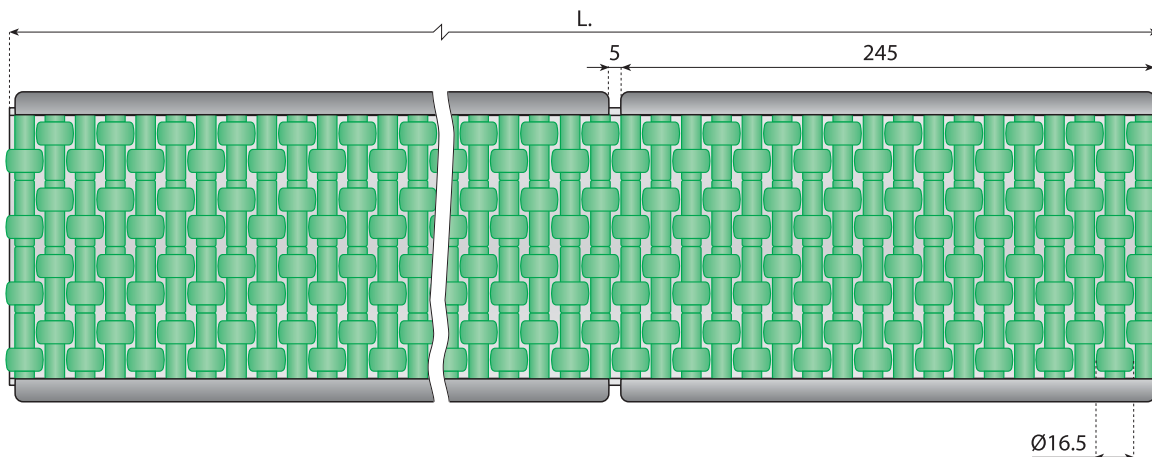
Acetal resin



AISI 430  
Stainless steel



AISI 304  
Stainless steel

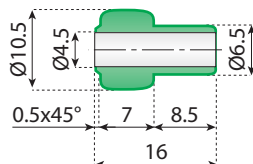


# ACCESSORIES FOR ACCUMULATION ROLLER GUIDE

 Preferred type, readily available (codes marked in red)



ROLLER



**121786**  
**121786B**  
**121786V**  
**121786W**  
**121786AS**



n°100



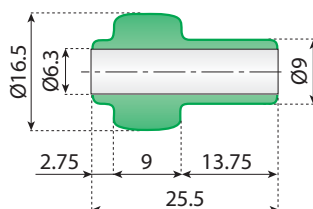
POM



Orange  
White  
Green  
Water blue  
Antistatic black



ROLLER



Code

**12306**  
**12306B**  
**12306AS**



n°100



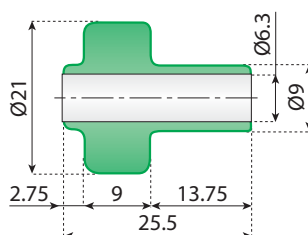
POM



Green  
White  
Antistatic black



ROLLER



Code

**12816**  
**12816B**  
**12816AS**

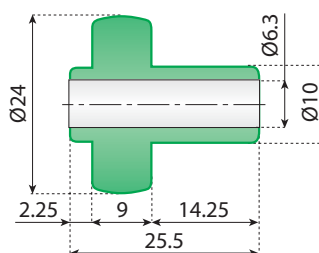


POM

Green  
White  
Antistatic black



ROLLER



Code

**12308**  
**12308G**  
**12308AS**



POM

White  
Green  
Antistatic black

# ACCESSORIES FOR ACCUMULATION ROLLER GUIDE

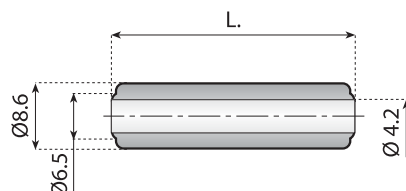
 Preferred type, readily available (codes marked in red)

**POM**  
Acetal resin

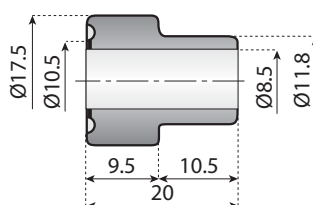
**PA**  
Polyamide



ROLLER

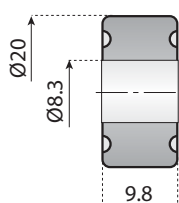


| Code           | L    |       | Material |  |
|----------------|------|-------|----------|--|
| <b>121790</b>  |      |       |          |  |
| <b>121790B</b> | 32.5 | n°100 | POM      |  |
| <b>121790V</b> |      |       |          |  |
| <b>121790W</b> |      |       |          |  |
| <b>121792</b>  |      |       |          |  |
| <b>121792B</b> | 64.5 | n°100 | POM      |  |
| <b>121792V</b> |      |       |          |  |
| <b>121792W</b> |      |       |          |  |



ROLLER

| Code         |       | Material |  |
|--------------|-------|----------|--|
| <b>12301</b> | n°100 | PA       |  |



ROLLER

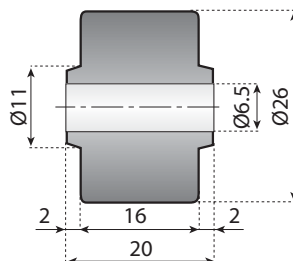
| Code         |       | Material |       |
|--------------|-------|----------|-------|
| <b>12300</b> | n°100 | PA       | Black |

# ACCESSORIES FOR ACCUMULATION ROLLER GUIDE

 Preferred type, readily available (codes marked in red)

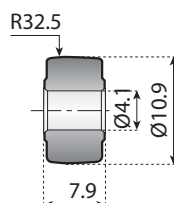
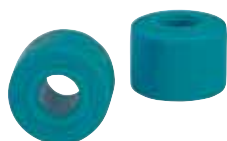
**POM**  
Acetal resin

**PA**  
Polyamide



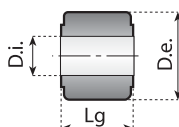
ROLLER

| Code         |  | Material |  |
|--------------|-----------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|
| <b>12818</b> | n°100                                                                             | PA       | Black                                                                               |



ROLLER

| Code          |  | Material |  |
|---------------|-------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>12025</b>  |                                                                                     | POM      | Black                                                                                 |
| <b>12025W</b> |                                                                                     |          | Water blue                                                                            |

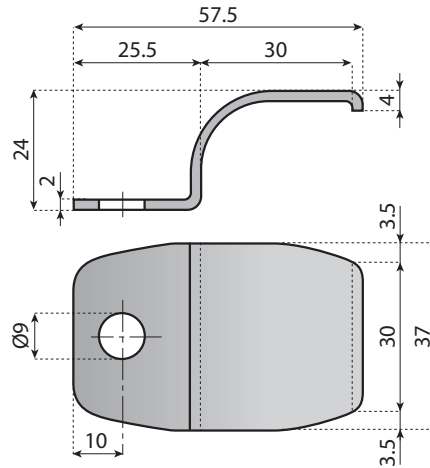


ROLLER

| Code          | D.e. | D.i. | Lg  |  | Material |  |
|---------------|------|------|-----|--------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>12026</b>  | 10.9 |      | 8.5 | n°100                                                                                | POM      | Black                                                                                 |
| <b>12026W</b> | 10.9 |      | 8.5 |                                                                                      |          | Water blue                                                                            |
| <b>12027</b>  | 10.9 | 5.2  | 9.2 |                                                                                      |          | Black                                                                                 |
| <b>12027W</b> | 10.9 |      | 9.2 |                                                                                      |          | Water blue                                                                            |
| <b>12028</b>  | 9.5  |      | 9.2 |                                                                                      |          | Black                                                                                 |
| <b>12028W</b> | 9.5  |      | 9.2 |                                                                                      |          | Water blue                                                                            |

# ACCESSORIES FOR ACCUMULATION ROLLER GUIDE

 Preferred type, readily available  
(codes marked in red)



AISI 304  
Stainless steel

CLAMP

Code

**13829**

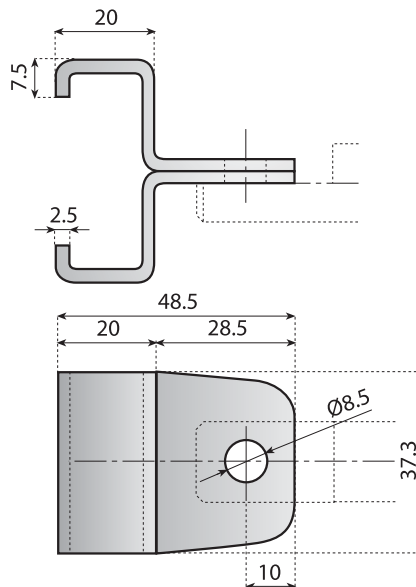
Material

SS AISI 304



n°50

This clamp can be used  
with all accumulation  
roller guide LX version  
example code: 16686LX



CLAMP

Code

**13800**

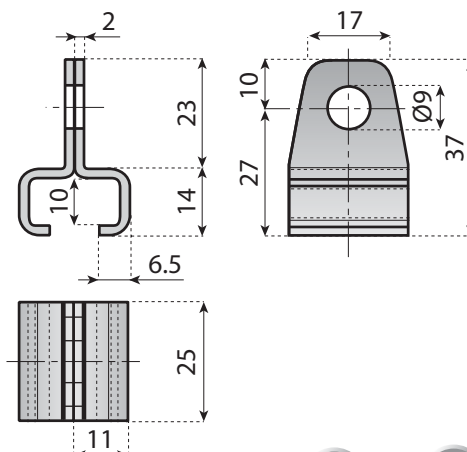
Material

SS AISI 304



n°50

This clamp can be used  
with all accumulation  
roller guide codes:  
16300 - 16301 - 16302 - 16303



CLAMP

Code

**13833**

Material

SS AISI 304



n°50

This clamp can be used  
with intermediary roller  
guide codes:  
16150 - 16153 - 16156  
16160 - 16163 - 16166

# ACCESSORIES FOR ACCUMULATION ROLLER GUIDE

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



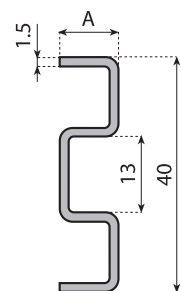
Anodized  
aluminium



Using with



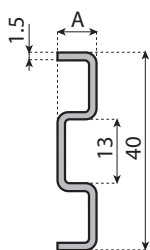
Zinc plated steel



## M-PROFILE

| Code          | A  | Kg/m | L   | Material     |
|---------------|----|------|-----|--------------|
| <b>19079</b>  | 10 | 0.82 | 3 m | S/S AISI 304 |
| <b>19079L</b> |    |      | 6 m |              |

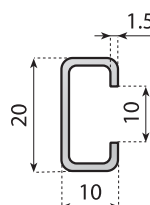
These types of profile can be used with codes:  
16610 - 16615 - 16505



## M-PROFILE

| Code           | A | Kg/m | L   | Material     |
|----------------|---|------|-----|--------------|
| <b>190265</b>  | 8 | 0.74 | 3 m | S/S AISI 304 |
| <b>190265L</b> |   |      | 6 m |              |

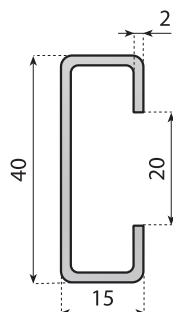
These types of profile can be used with codes:  
16500 - 16600 - 16605  
16800 - 16801 - 16805  
16806



## C-PROFILE

| Code         | Kg/m | L    | Material          |
|--------------|------|------|-------------------|
| <b>16450</b> | 0.40 | 3 m  | S/S AISI 304      |
| <b>16449</b> |      | 30 m | Zinc plated steel |

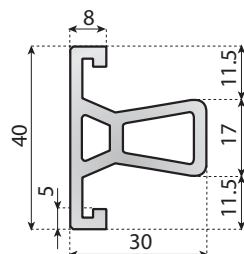
These types of profile can be used with codes:  
16351 - 16352 - 16353  
16451 - 16452 - 16453



## C-PROFILE

| Code         | Kg/m | L    | Material          |
|--------------|------|------|-------------------|
| <b>16456</b> | 1.35 | 3 m  | S/S AISI 304      |
| <b>16457</b> |      | 30 m | Zinc plated steel |

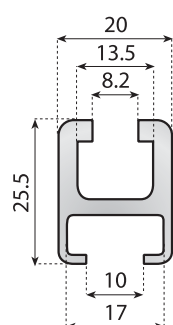
These types of profile can be used with codes:  
16300 - 16301 - 16302  
16303



## ALUMINIUM PROFILE

| Code          | Kg/m | L   | Material           |
|---------------|------|-----|--------------------|
| <b>19095</b>  | 1.10 | 3 m | Anodized aluminium |
| <b>19095L</b> |      | 6 m |                    |

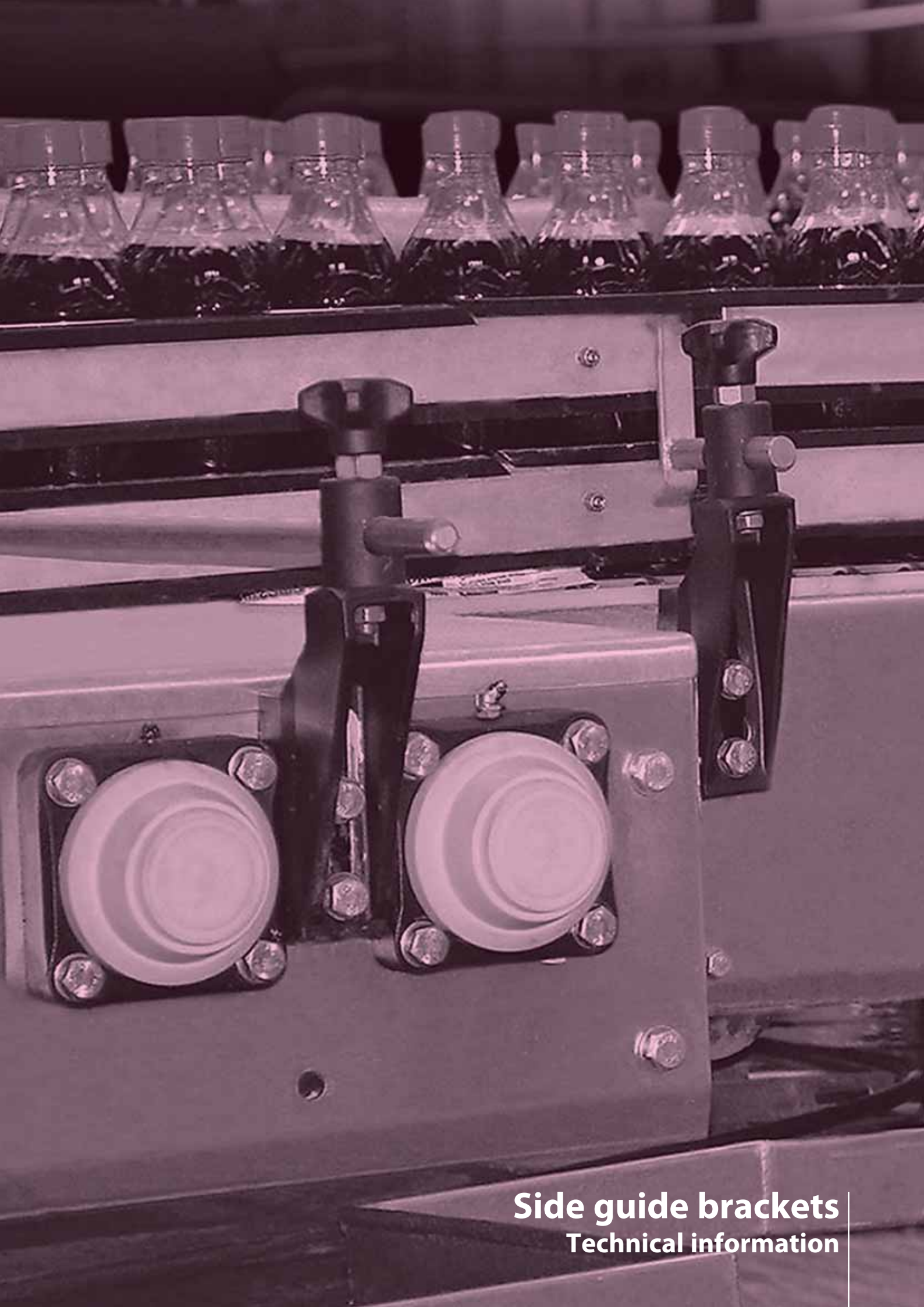
These types of profile can be used with codes:  
16600 - 16605 - 16800  
16801 - 16805 - 16806  
16500



## ALUMINIUM PROFILE

| Code          | Kg/m | L   | Material           |
|---------------|------|-----|--------------------|
| <b>19096</b>  | 0.60 | 3 m | Anodized aluminium |
| <b>19096L</b> |      | 6 m |                    |

These types of profile can be used with codes:  
16351 - 16352 - 16353  
16451 - 16452 - 16453

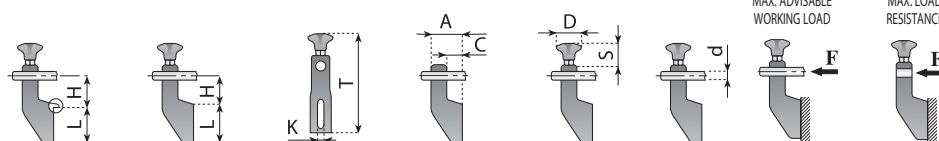


**Side guide brackets**  
Technical information

# GUIDE FOR SIDE BRACKET SELECTION TECHNICAL INFORMATION

 Preferred type, readily available (codes marked in red)

## SIDE BRACKETS WITH EYEBOLT



CATALOG

| Code         | L  | H    | L | H | K    | T   | A    | C  | D   | S   | ROD  | N (Newton) | N (Newton) | Page |
|--------------|----|------|---|---|------|-----|------|----|-----|-----|------|------------|------------|------|
| <b>13692</b> | 71 | 65.5 | - | - | 9    | 195 | 62.5 | 35 | 50  | 45  | Ø 12 | 2000       | 4000       | 193  |
| <b>13696</b> | 71 | 65.5 | - | - | 10.5 | 195 | 62.5 | 35 | 50  | 45  | Ø 12 | 2000       | 4000       | 193  |
| <b>13853</b> | 71 | 65.5 | - | - | 9    | 196 | 62.5 | 35 | 50  | 42  | Ø 12 | 2000       | 4000       | 192  |
| <b>13855</b> | 71 | 65.5 | - | - | 10.5 | 196 | 62.5 | 35 | 50  | 42  | Ø 12 | 2000       | 4000       | 192  |
| <b>13858</b> | 71 | 65.5 | - | - | 9    | 188 | 62.5 | 35 | 50  | 34  | Ø 12 | 2000       | 4000       | 192  |
| <b>13860</b> | 71 | 65.5 | - | - | 10.5 | 188 | 62.5 | 35 | 50  | 34  | Ø 12 | 2000       | 4000       | 192  |
| <b>13863</b> | 71 | 65.5 | - | - | 9    | 212 | 62.5 | 35 | 50  | 58  | Ø 12 | 2000       | 4000       | 193  |
| <b>13865</b> | 71 | 65.5 | - | - | 10.5 | 212 | 62.5 | 35 | 50  | 58  | Ø 12 | 2000       | 4000       | 193  |
| <b>13632</b> | 71 | 65.5 | - | - | 9    | 172 | 62.5 | 35 | NUT | NUT | Ø 12 | 2000       | 4000       | 192  |
| <b>13634</b> | 71 | 65.5 | - | - | 10.5 | 172 | 62.5 | 35 | NUT | NUT | Ø 12 | 2000       | 4000       | 192  |
| <b>13208</b> | 71 | 65.5 | - | - | 10.5 | 198 | 62.5 | 35 | 65  | 44  | Ø 12 | 2000       | 4000       | 193  |
| <b>13268</b> | 71 | 65.5 | - | - | 9    | 198 | 62.5 | 35 | 65  | 44  | Ø 12 | 2000       | 4000       | 193  |
| <b>13693</b> | 71 | 65.5 | - | - | 9    | 195 | 62.5 | 35 | 50  | 45  | Ø 14 | 3000       | 4000       | 193  |
| <b>13697</b> | 71 | 65.5 | - | - | 10.5 | 195 | 62.5 | 35 | 50  | 45  | Ø 14 | 3000       | 4000       | 193  |
| <b>13854</b> | 71 | 65.5 | - | - | 9    | 196 | 62.5 | 35 | 50  | 42  | Ø 14 | 3000       | 4000       | 192  |
| <b>13856</b> | 71 | 65.5 | - | - | 10.5 | 196 | 62.5 | 35 | 50  | 42  | Ø 14 | 3000       | 4000       | 192  |
| <b>13859</b> | 71 | 65.5 | - | - | 9    | 188 | 62.5 | 35 | 50  | 34  | Ø 14 | 3000       | 4000       | 192  |
| <b>13861</b> | 71 | 65.5 | - | - | 10.5 | 188 | 62.5 | 35 | 50  | 34  | Ø 14 | 3000       | 4000       | 192  |
| <b>13864</b> | 71 | 65.5 | - | - | 9    | 212 | 62.5 | 35 | 50  | 58  | Ø 14 | 3000       | 4000       | 193  |
| <b>13866</b> | 71 | 65.5 | - | - | 10.5 | 212 | 62.5 | 35 | 50  | 58  | Ø 14 | 3000       | 4000       | 193  |
| <b>13633</b> | 71 | 65.5 | - | - | 9    | 172 | 62.5 | 35 | NUT | NUT | Ø 14 | 3000       | 4000       | 193  |
| <b>13635</b> | 71 | 65.5 | - | - | 10.5 | 172 | 62.5 | 35 | NUT | NUT | Ø 14 | 3000       | 4000       | 192  |
| <b>13209</b> | 71 | 65.5 | - | - | 10.5 | 198 | 62.5 | 35 | 65  | 44  | Ø 14 | 3000       | 4000       | 193  |
| <b>13269</b> | 71 | 65.5 | - | - | 9    | 198 | 62.5 | 35 | 65  | 44  | Ø 14 | 3000       | 4000       | 193  |
| <b>13769</b> | 71 | 65.5 | - | - | 10.5 | 195 | 62.5 | 35 | 50  | 45  | Ø 14 | 3000       | 4000       | 193  |
| <b>13857</b> | 71 | 65.5 | - | - | 10.5 | 196 | 62.5 | 35 | 65  | 42  | Ø 14 | 3000       | 4000       | 192  |
| <b>13862</b> | 71 | 65.5 | - | - | 10.5 | 188 | 62.5 | 35 | 65  | 34  | Ø 14 | 3000       | 4000       | 192  |
| <b>13867</b> | 71 | 65.5 | - | - | 10.5 | 212 | 62.5 | 35 | 50  | 58  | Ø 16 | 3000       | 4000       | 193  |
| <b>13210</b> | 71 | 65.5 | - | - | 10.5 | 198 | 62.5 | 35 | 65  | 44  | Ø 16 | 3000       | 4000       | 193  |

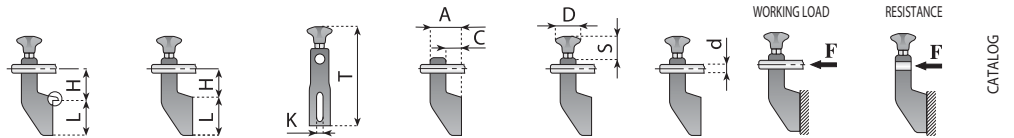


| Code         | L  | H  | L   | H  | K    | T   | A  | C  | D  | S  | ROD  | N (Newton) | N (Newton) | Page |
|--------------|----|----|-----|----|------|-----|----|----|----|----|------|------------|------------|------|
| <b>13868</b> | -  | -  | 100 | 64 | 9    | 213 | 60 | 30 | 50 | 34 | Ø 12 | 2200       | 4500       | 194  |
| <b>13871</b> | -  | -  | 100 | 64 | 10.5 | 213 | 60 | 30 | 50 | 34 | Ø 12 | 2200       | 4500       | 194  |
| <b>13639</b> | -  | -  | 100 | 64 | 9    | 220 | 60 | 30 | 50 | 45 | Ø 12 | 2200       | 4500       | 194  |
| <b>13641</b> | -  | -  | 100 | 64 | 10.5 | 220 | 60 | 30 | 50 | 45 | Ø 12 | 2200       | 4500       | 194  |
| <b>13213</b> | -  | -  | 100 | 64 | 9    | 237 | 60 | 30 | 50 | 58 | Ø 12 | 2200       | 4500       | 194  |
| <b>13215</b> | -  | -  | 100 | 64 | 10.5 | 237 | 60 | 30 | 50 | 58 | Ø 12 | 2200       | 4500       | 194  |
| <b>13869</b> | -  | -  | 100 | 64 | 9    | 213 | 60 | 30 | 50 | 34 | Ø 14 | 3200       | 4500       | 194  |
| <b>13872</b> | -  | -  | 100 | 64 | 10.5 | 213 | 60 | 30 | 50 | 34 | Ø 14 | 3200       | 4500       | 194  |
| <b>13640</b> | -  | -  | 100 | 64 | 9    | 220 | 60 | 30 | 50 | 45 | Ø 14 | 3200       | 4500       | 194  |
| <b>13642</b> | -  | -  | 100 | 64 | 10.5 | 220 | 60 | 30 | 50 | 45 | Ø 14 | 3200       | 4500       | 194  |
| <b>13214</b> | -  | -  | 100 | 64 | 9    | 237 | 60 | 30 | 50 | 58 | Ø 14 | 3200       | 4500       | 194  |
| <b>13216</b> | -  | -  | 100 | 64 | 10.5 | 237 | 60 | 30 | 50 | 58 | Ø 14 | 3200       | 4500       | 194  |
| <b>13870</b> | -  | -  | 100 | 64 | 9    | 213 | 60 | 30 | 50 | 34 | Ø 16 | 3400       | 4500       | 194  |
| <b>13873</b> | -  | -  | 100 | 64 | 10.5 | 213 | 60 | 30 | 50 | 34 | Ø 16 | 3400       | 4500       | 194  |
| <b>13647</b> | -  | -  | 100 | 64 | 9    | 220 | 60 | 30 | 50 | 45 | Ø 16 | 3400       | 4500       | 194  |
| <b>13648</b> | -  | -  | 100 | 64 | 10.5 | 220 | 60 | 30 | 50 | 45 | Ø 16 | 3400       | 4500       | 194  |
| <b>13227</b> | -  | -  | 100 | 64 | 9    | 237 | 60 | 30 | 50 | 58 | Ø 16 | 3400       | 4500       | 194  |
| <b>13228</b> | -  | -  | 100 | 64 | 10.5 | 237 | 60 | 30 | 50 | 58 | Ø 16 | 3400       | 4500       | 194  |
| <b>13874</b> | 98 | 66 | -   | -  | 9    | 213 | 60 | 30 | 50 | 34 | Ø 12 | 2200       | 4500       | 194  |
| <b>13877</b> | 98 | 66 | -   | -  | 10.5 | 213 | 60 | 30 | 50 | 34 | Ø 12 | 2200       | 4500       | 194  |
| <b>13643</b> | 98 | 66 | -   | -  | 9    | 220 | 60 | 30 | 50 | 45 | Ø 12 | 2200       | 4500       | 194  |
| <b>13645</b> | 98 | 66 | -   | -  | 10.5 | 220 | 60 | 30 | 50 | 45 | Ø 12 | 2200       | 4500       | 194  |
| <b>13217</b> | 98 | 66 | -   | -  | 9    | 237 | 60 | 30 | 50 | 58 | Ø 12 | 2200       | 4500       | 194  |
| <b>13219</b> | 98 | 66 | -   | -  | 10.5 | 237 | 60 | 30 | 50 | 58 | Ø 12 | 2200       | 4500       | 194  |
| <b>13875</b> | 98 | 66 | -   | -  | 9    | 213 | 60 | 30 | 50 | 34 | Ø 14 | 3200       | 4500       | 194  |
| <b>13878</b> | 98 | 66 | -   | -  | 10.5 | 213 | 60 | 30 | 50 | 34 | Ø 14 | 3200       | 4500       | 194  |
| <b>13644</b> | 98 | 66 | -   | -  | 9    | 220 | 60 | 30 | 50 | 45 | Ø 14 | 3200       | 4500       | 194  |
| <b>13646</b> | 98 | 66 | -   | -  | 10.5 | 220 | 60 | 30 | 50 | 45 | Ø 14 | 3200       | 4500       | 194  |
| <b>13218</b> | 98 | 66 | -   | -  | 9    | 237 | 60 | 30 | 50 | 58 | Ø 14 | 3200       | 4500       | 194  |
| <b>13220</b> | 98 | 66 | -   | -  | 10.5 | 237 | 60 | 30 | 50 | 58 | Ø 14 | 3200       | 4500       | 194  |
| <b>13876</b> | 98 | 66 | -   | -  | 9    | 213 | 60 | 30 | 50 | 34 | Ø 16 | 3400       | 4500       | 194  |
| <b>13879</b> | 98 | 66 | -   | -  | 10.5 | 213 | 60 | 30 | 50 | 34 | Ø 16 | 3400       | 4500       | 194  |
| <b>13649</b> | 98 | 66 | -   | -  | 9    | 220 | 60 | 30 | 50 | 45 | Ø 16 | 3400       | 4500       | 194  |
| <b>13650</b> | 98 | 66 | -   | -  | 10.5 | 220 | 60 | 30 | 50 | 45 | Ø 16 | 3400       | 4500       | 194  |
| <b>13229</b> | 98 | 66 | -   | -  | 9    | 237 | 60 | 30 | 50 | 58 | Ø 16 | 3400       | 4500       | 194  |
| <b>13230</b> | 98 | 66 | -   | -  | 10.5 | 237 | 60 | 30 | 50 | 58 | Ø 16 | 3400       | 4500       | 194  |

# GUIDE FOR SIDE BRACKET SELECTION TECHNICAL INFORMATION

 Preferred type, readily available (codes marked in red)

## SIDE BRACKETS WITH EYEBOLT



| Code         | L | H | L   | H  | K    | T   | A  | C  | D  | S  | ROD  | N (Newton) | N (Newton) | Page |
|--------------|---|---|-----|----|------|-----|----|----|----|----|------|------------|------------|------|
| <b>13880</b> | – | – | 100 | 87 | 9    | 242 | 79 | 30 | 50 | 34 | Ø 12 | 2000       | 5000       | 195  |
| <b>13883</b> | – | – | 100 | 87 | 10.5 | 242 | 79 | 30 | 50 | 34 | Ø 12 | 2000       | 5000       | 195  |
| <b>13326</b> | – | – | 100 | 87 | 9    | 249 | 79 | 30 | 50 | 45 | Ø 12 | 2000       | 5000       | 195  |
| <b>13332</b> | – | – | 100 | 87 | 10.5 | 249 | 79 | 30 | 50 | 45 | Ø 12 | 2000       | 5000       | 195  |
| <b>13221</b> | – | – | 100 | 87 | 9    | 268 | 79 | 30 | 50 | 58 | Ø 12 | 2000       | 5000       | 195  |
| <b>13224</b> | – | – | 100 | 87 | 10.5 | 268 | 79 | 30 | 50 | 58 | Ø 12 | 2000       | 5000       | 195  |
| <b>13881</b> | – | – | 100 | 87 | 9    | 242 | 79 | 30 | 50 | 34 | Ø 14 | 3000       | 5000       | 195  |
| <b>13884</b> | – | – | 100 | 87 | 10.5 | 242 | 79 | 30 | 50 | 34 | Ø 14 | 3000       | 5000       | 195  |
| <b>13327</b> | – | – | 100 | 87 | 9    | 249 | 79 | 30 | 50 | 45 | Ø 14 | 3000       | 5000       | 195  |
| <b>13333</b> | – | – | 100 | 87 | 10.5 | 249 | 79 | 30 | 50 | 45 | Ø 14 | 3000       | 5000       | 195  |
| <b>13222</b> | – | – | 100 | 87 | 9    | 268 | 79 | 30 | 50 | 58 | Ø 14 | 3000       | 5000       | 195  |
| <b>13225</b> | – | – | 100 | 87 | 10.5 | 268 | 79 | 30 | 50 | 58 | Ø 14 | 3000       | 5000       | 195  |
| <b>13882</b> | – | – | 100 | 87 | 9    | 242 | 79 | 30 | 50 | 34 | Ø 16 | 3200       | 5000       | 195  |
| <b>13885</b> | – | – | 100 | 87 | 10.5 | 242 | 79 | 30 | 50 | 34 | Ø 16 | 3200       | 5000       | 195  |
| <b>13328</b> | – | – | 100 | 87 | 9    | 249 | 79 | 30 | 50 | 45 | Ø 16 | 3200       | 5000       | 195  |
| <b>13334</b> | – | – | 100 | 87 | 10.5 | 249 | 79 | 30 | 50 | 45 | Ø 16 | 3200       | 5000       | 195  |
| <b>13223</b> | – | – | 100 | 87 | 9    | 268 | 79 | 30 | 50 | 58 | Ø 16 | 3200       | 5000       | 195  |
| <b>13226</b> | – | – | 100 | 87 | 10.5 | 268 | 79 | 30 | 50 | 58 | Ø 16 | 3200       | 5000       | 195  |



| Code         | L  | H  | L | H | K    | T   | A  | C  | D  | S  | ROD  | N (Newton) | N (Newton) | Page |
|--------------|----|----|---|---|------|-----|----|----|----|----|------|------------|------------|------|
| <b>13211</b> | 45 | 65 | – | – | 10.5 | 171 | 60 | 30 | 50 | 45 | Ø 12 | 2000       | 3000       | 191  |
| <b>13212</b> | 45 | 65 | – | – | 10.5 | 171 | 60 | 30 | 50 | 45 | Ø 14 | 2000       | 3000       | 191  |
| <b>13764</b> | 75 | 35 | – | – | 9    | 164 | 62 | 27 | 50 | 45 | Ø 12 | 2800       | 4500       | 191  |
| <b>13765</b> | 75 | 35 | – | – | 9    | 164 | 62 | 27 | 50 | 45 | Ø 14 | 2800       | 4500       | 191  |
| <b>13851</b> | 75 | 35 | – | – | 9    | 157 | 62 | 27 | 50 | 34 | Ø 12 | 2800       | 4500       | 191  |
| <b>13852</b> | 75 | 35 | – | – | 9    | 157 | 62 | 27 | 50 | 34 | Ø 14 | 2800       | 4500       | 191  |



| Code         | L | H | L   | H   | K    | T   | A  | C  | D  | S  | ROD  | N (Newton) | N (Newton) | Page |
|--------------|---|---|-----|-----|------|-----|----|----|----|----|------|------------|------------|------|
| <b>13895</b> | – | – | 112 | 77  | 10.5 | 252 | 80 | 30 | 50 | 32 | Ø 12 | 2800       | 14000      | 206  |
| <b>13896</b> | – | – | 112 | 77  | 10.5 | 252 | 80 | 30 | 50 | 32 | Ø 14 | 3600       | 14000      | 206  |
| <b>13897</b> | – | – | 112 | 77  | 10.5 | 252 | 80 | 30 | 50 | 32 | Ø 16 | 3600       | 14000      | 206  |
| <b>13050</b> | – | – | 112 | 77  | 10.5 | 258 | 80 | 30 | 50 | 43 | Ø 12 | 2800       | 14000      | 206  |
| <b>13051</b> | – | – | 112 | 77  | 10.5 | 258 | 80 | 30 | 50 | 43 | Ø 14 | 3600       | 14000      | 206  |
| <b>13052</b> | – | – | 112 | 77  | 10.5 | 258 | 80 | 30 | 50 | 43 | Ø 16 | 3600       | 14000      | 206  |
| <b>13205</b> | – | – | 102 | 115 | 9    | 286 | 79 | 35 | 50 | 56 | Ø 12 | 3000       | 12000      | 206  |
| <b>13206</b> | – | – | 102 | 115 | 9    | 286 | 79 | 35 | 50 | 56 | Ø 14 | 4000       | 12000      | 206  |
| <b>13207</b> | – | – | 102 | 115 | 9    | 286 | 79 | 35 | 50 | 56 | Ø 16 | 4000       | 12000      | 206  |

## BRACKETS WITH ECCENTRIC LEVER

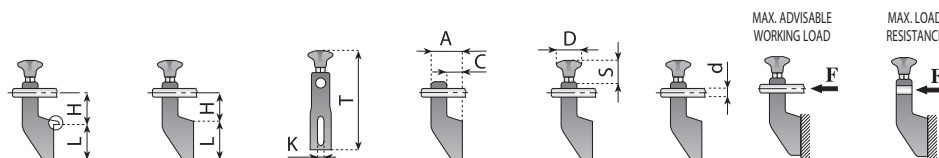


| Code         | L | H | L  | H  | K | T   | A  | C  | D | S  | ROD  | N (Newton) | N (Newton) | Page |
|--------------|---|---|----|----|---|-----|----|----|---|----|------|------------|------------|------|
| <b>13767</b> | – | – | 57 | 85 | 9 | 160 | 62 | 22 | – | 18 | Ø 12 | 800        | 3000       | 190  |
| <b>13200</b> | – | – | 75 | 85 | 9 | 178 | 62 | 22 | – | 18 | Ø 12 | 800        | 3000       | 190  |
| <b>13768</b> | – | – | 57 | 85 | 9 | 160 | 62 | 22 | – | 18 | Ø 14 | 800        | 3000       | 190  |
| <b>13201</b> | – | – | 75 | 85 | 9 | 178 | 62 | 22 | – | 18 | Ø 14 | 800        | 3000       | 190  |

| Code         | L | H | L   | H  | K | T   | A  | C  | D | S | ROD  | N (Newton) | N (Newton) | Page |
|--------------|---|---|-----|----|---|-----|----|----|---|---|------|------------|------------|------|
| <b>13760</b> | – | – | 150 | 68 | 9 | 240 | 66 | 35 | – | – | Ø 15 | 700        | 2800       | 190  |

# GUIDE FOR SIDE BRACKET SELECTION - TECHNICAL INFORMATION

## ADJUSTABLE BRACKETS



CATALOG

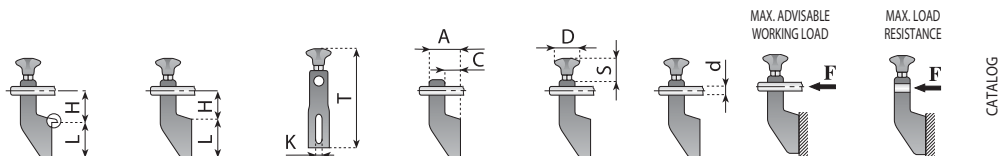
| Code   | L  | H  | L   | H  | K    | T   | A  | C  | D | S | ROD  | N (Newton) | N (Newton) | Page |
|--------|----|----|-----|----|------|-----|----|----|---|---|------|------------|------------|------|
| 13271  | -  | -  | 109 | 67 | 10.5 | 201 | 65 | 27 | - | - | Ø 12 | 2200       | 7500       | 198  |
| 13272  | -  | -  | 109 | 67 | 10.5 | 201 | 65 | 27 | - | - | Ø 14 | 3000       | 7500       | 198  |
| 13273  | -  | -  | 109 | 67 | 10.5 | 201 | 65 | 27 | - | - | Ø 16 | 3000       | 7500       | 198  |
| 131055 | -  | -  | 109 | 67 | 8.5  | 201 | 65 | 27 | - | - | Ø 12 | 2200       | 7500       | 198  |
| 131056 | -  | -  | 109 | 67 | 8.5  | 201 | 65 | 27 | - | - | Ø 14 | 3000       | 7500       | 198  |
| 131057 | -  | -  | 109 | 67 | 8.5  | 201 | 65 | 27 | - | - | Ø 16 | 3000       | 7500       | 198  |
| 131030 | -  | -  | 109 | 67 | 8.5  | 201 | 82 | 44 | - | - | Ø 12 | 2200       | 7500       | 196  |
| 131031 | -  | -  | 109 | 67 | 8.5  | 201 | 82 | 44 | - | - | Ø 14 | 3000       | 7500       | 196  |
| 131032 | -  | -  | 109 | 67 | 8.5  | 201 | 82 | 44 | - | - | Ø 16 | 3000       | 7500       | 196  |
| 13021  | -  | -  | 109 | 67 | 10.5 | 201 | 82 | 44 | - | - | Ø 12 | 2200       | 7500       | 196  |
| 13088  | -  | -  | 109 | 67 | 10.5 | 201 | 82 | 44 | - | - | Ø 14 | 3000       | 7500       | 196  |
| 13089  | -  | -  | 109 | 67 | 10.5 | 201 | 82 | 44 | - | - | Ø 16 | 3000       | 7500       | 196  |
| 13530  | -  | -  | 100 | 70 | 10.5 | 194 | 85 | 43 | - | - | Ø 12 | 2200       | 7500       | 200  |
| 13531  | -  | -  | 100 | 70 | 10.5 | 194 | 85 | 43 | - | - | Ø 14 | 3000       | 7500       | 200  |
| 13532  | -  | -  | 100 | 70 | 10.5 | 194 | 85 | 43 | - | - | Ø 16 | 3000       | 7500       | 200  |
| 13041  | 71 | 69 | -   | -  | 10.5 | 164 | 71 | 31 | - | - | Ø 12 | 2200       | 8500       | 204  |
| 13042  | 71 | 69 | -   | -  | 10.5 | 164 | 71 | 31 | - | - | Ø 14 | 3000       | 8500       | 204  |
| 13043  | 71 | 69 | -   | -  | 10.5 | 164 | 71 | 31 | - | - | Ø 16 | 3000       | 8500       | 204  |
| 13580  | 95 | 75 | -   | -  | 10.5 | 194 | 85 | 43 | - | - | Ø 12 | 2200       | 7500       | 202  |
| 13581  | 95 | 75 | -   | -  | 10.5 | 194 | 85 | 43 | - | - | Ø 14 | 3000       | 7500       | 202  |
| 13582  | 95 | 75 | -   | -  | 10.5 | 194 | 85 | 43 | - | - | Ø 16 | 3000       | 7500       | 202  |

| Code   | L  | H    | L   | H  | K    | T   | A  | C  | D | S | ROD  | N (Newton) | N (Newton) | Page |
|--------|----|------|-----|----|------|-----|----|----|---|---|------|------------|------------|------|
| 13274  | -  | -    | 109 | 85 | 10.5 | 218 | 65 | 27 | - | - | Ø 12 | 2200       | 7500       | 198  |
| 13275  | -  | -    | 109 | 85 | 10.5 | 218 | 65 | 27 | - | - | Ø 14 | 3000       | 7500       | 198  |
| 13276  | -  | -    | 109 | 85 | 10.5 | 218 | 65 | 27 | - | - | Ø 16 | 3000       | 7500       | 198  |
| 131058 | -  | -    | 109 | 85 | 8.5  | 218 | 65 | 27 | - | - | Ø 12 | 2200       | 7500       | 198  |
| 131059 | -  | -    | 109 | 85 | 8.5  | 218 | 65 | 27 | - | - | Ø 14 | 3000       | 7500       | 198  |
| 131060 | -  | -    | 109 | 85 | 8.5  | 218 | 65 | 27 | - | - | Ø 16 | 3000       | 7500       | 198  |
| 131033 | -  | -    | 109 | 85 | 8.5  | 218 | 82 | 44 | - | - | Ø 12 | 2200       | 7500       | 196  |
| 131034 | -  | -    | 109 | 85 | 8.5  | 218 | 82 | 44 | - | - | Ø 14 | 3000       | 7500       | 196  |
| 131035 | -  | -    | 109 | 85 | 8.5  | 218 | 82 | 44 | - | - | Ø 16 | 3000       | 7500       | 196  |
| 13847  | -  | -    | 109 | 85 | 10.5 | 218 | 82 | 44 | - | - | Ø 12 | 2200       | 7500       | 196  |
| 13848  | -  | -    | 109 | 85 | 10.5 | 218 | 82 | 44 | - | - | Ø 14 | 3000       | 7500       | 196  |
| 13849  | -  | -    | 109 | 85 | 10.5 | 218 | 82 | 44 | - | - | Ø 16 | 3000       | 7500       | 196  |
| 13533  | -  | -    | 100 | 87 | 10.5 | 212 | 85 | 43 | - | - | Ø 12 | 2200       | 7500       | 190  |
| 13534  | -  | -    | 100 | 87 | 10.5 | 212 | 85 | 43 | - | - | Ø 14 | 3000       | 7500       | 190  |
| 13535  | -  | -    | 100 | 87 | 10.5 | 212 | 85 | 43 | - | - | Ø 16 | 3000       | 7500       | 190  |
| 13889  | 71 | 87   | -   | -  | 10.5 | 182 | 71 | 31 | - | - | Ø 12 | 2200       | 8500       | 204  |
| 13890  | 71 | 87   | -   | -  | 10.5 | 182 | 71 | 31 | - | - | Ø 14 | 3000       | 8500       | 204  |
| 13891  | 71 | 87   | -   | -  | 10.5 | 182 | 71 | 31 | - | - | Ø 16 | 3000       | 8500       | 204  |
| 13583  | 95 | 92.5 | -   | -  | 10.5 | 212 | 85 | 43 | - | - | Ø 12 | 2200       | 7500       | 202  |
| 13584  | 95 | 92.5 | -   | -  | 10.5 | 212 | 85 | 43 | - | - | Ø 14 | 3000       | 7500       | 202  |
| 13585  | 95 | 92.5 | -   | -  | 10.5 | 212 | 85 | 43 | - | - | Ø 16 | 3000       | 7500       | 202  |

| Code   | L  | H  | L   | H  | K    | T   | A  | C  | D  | S  | ROD  | N (Newton) | N (Newton) | Page |
|--------|----|----|-----|----|------|-----|----|----|----|----|------|------------|------------|------|
| 13277  | -  | -  | 109 | 67 | 10.5 | 240 | 65 | 27 | 50 | 42 | Ø 12 | 2600       | 7500       | 199  |
| 13278  | -  | -  | 109 | 67 | 10.5 | 240 | 65 | 27 | 50 | 42 | Ø 14 | 3500       | 7500       | 199  |
| 13279  | -  | -  | 109 | 67 | 10.5 | 240 | 65 | 27 | 50 | 42 | Ø 16 | 3500       | 7500       | 199  |
| 131061 | -  | -  | 109 | 67 | 8.5  | 240 | 65 | 27 | 50 | 42 | Ø 12 | 2600       | 7500       | 199  |
| 131062 | -  | -  | 109 | 67 | 8.5  | 240 | 65 | 27 | 50 | 42 | Ø 14 | 3500       | 7500       | 199  |
| 131063 | -  | -  | 109 | 67 | 8.5  | 240 | 65 | 27 | 50 | 42 | Ø 16 | 3500       | 7500       | 199  |
| 131036 | -  | -  | 109 | 67 | 8.5  | 240 | 82 | 44 | 50 | 42 | Ø 12 | 2600       | 7500       | 197  |
| 131037 | -  | -  | 109 | 67 | 8.5  | 240 | 82 | 44 | 50 | 42 | Ø 14 | 3500       | 7500       | 197  |
| 131038 | -  | -  | 109 | 67 | 8.5  | 240 | 82 | 44 | 50 | 42 | Ø 16 | 3500       | 7500       | 197  |
| 13054  | -  | -  | 109 | 67 | 10.5 | 240 | 82 | 44 | 50 | 42 | Ø 12 | 2600       | 7500       | 197  |
| 13055  | -  | -  | 109 | 67 | 10.5 | 240 | 82 | 44 | 50 | 42 | Ø 14 | 3500       | 7500       | 197  |
| 13056  | -  | -  | 109 | 67 | 10.5 | 240 | 82 | 44 | 50 | 42 | Ø 16 | 3500       | 7500       | 197  |
| 13536  | -  | -  | 100 | 70 | 10.5 | 234 | 85 | 43 | 50 | 42 | Ø 12 | 2600       | 7500       | 201  |
| 13537  | -  | -  | 100 | 70 | 10.5 | 234 | 85 | 43 | 50 | 42 | Ø 14 | 3500       | 7500       | 201  |
| 13538  | -  | -  | 100 | 70 | 10.5 | 234 | 85 | 43 | 50 | 42 | Ø 16 | 3500       | 7500       | 201  |
| 13044  | 71 | 69 | -   | -  | 10.5 | 204 | 71 | 31 | 50 | 42 | Ø 12 | 2600       | 8500       | 205  |
| 13045  | 71 | 69 | -   | -  | 10.5 | 204 | 71 | 31 | 50 | 42 | Ø 14 | 3500       | 8500       | 205  |
| 13046  | 71 | 69 | -   | -  | 10.5 | 204 | 71 | 31 | 50 | 42 | Ø 16 | 3500       | 8500       | 205  |
| 13586  | 95 | 75 | -   | -  | 10.5 | 234 | 85 | 43 | 50 | 42 | Ø 12 | 2600       | 7500       | 203  |
| 13587  | 95 | 75 | -   | -  | 10.5 | 234 | 85 | 43 | 50 | 42 | Ø 14 | 3500       | 7500       | 203  |
| 13588  | 95 | 75 | -   | -  | 10.5 | 234 | 85 | 43 | 50 | 42 | Ø 16 | 3500       | 7500       | 203  |

# GUIDE FOR SIDE BRACKET SELECTION - TECHNICAL INFORMATION

## ADJUSTABLE BRACKETS



| Code          | L  | H  | L   | H  | K    | T   | A  | C  | D  | S  | ROD  | N (Newton) | N (Newton) | Page |
|---------------|----|----|-----|----|------|-----|----|----|----|----|------|------------|------------|------|
| <b>13280</b>  | -  | -  | 109 | 85 | 10.5 | 258 | 65 | 27 | 50 | 42 | Ø 12 | 2600       | 7500       | 199  |
| <b>13281</b>  | -  | -  | 109 | 85 | 10.5 | 258 | 65 | 27 | 50 | 42 | Ø 14 | 3500       | 7500       | 199  |
| <b>13282</b>  | -  | -  | 109 | 85 | 10.5 | 258 | 65 | 27 | 50 | 42 | Ø 16 | 3500       | 7500       | 199  |
| <b>131064</b> | -  | -  | 109 | 85 | 8.5  | 258 | 65 | 27 | 50 | 42 | Ø 12 | 2600       | 7500       | 199  |
| <b>131065</b> | -  | -  | 109 | 85 | 8.5  | 258 | 65 | 27 | 50 | 42 | Ø 14 | 3500       | 7500       | 199  |
| <b>131066</b> | -  | -  | 109 | 85 | 8.5  | 258 | 65 | 27 | 50 | 42 | Ø 16 | 3500       | 7500       | 199  |
| <b>131039</b> | -  | -  | 109 | 85 | 8.5  | 258 | 82 | 44 | 50 | 42 | Ø 12 | 2600       | 7500       | 197  |
| <b>131040</b> | -  | -  | 109 | 85 | 8.5  | 258 | 82 | 44 | 50 | 42 | Ø 14 | 3500       | 7500       | 197  |
| <b>131041</b> | -  | -  | 109 | 85 | 8.5  | 258 | 82 | 44 | 50 | 42 | Ø 16 | 3500       | 7500       | 197  |
| <b>13886</b>  | -  | -  | 109 | 85 | 10.5 | 258 | 82 | 44 | 50 | 42 | Ø 12 | 2600       | 7500       | 197  |
| <b>13887</b>  | -  | -  | 109 | 85 | 10.5 | 258 | 82 | 44 | 50 | 42 | Ø 14 | 3500       | 7500       | 197  |
| <b>13888</b>  | -  | -  | 109 | 85 | 10.5 | 258 | 82 | 44 | 50 | 42 | Ø 16 | 3500       | 7500       | 197  |
| <b>13539</b>  | -  | -  | 100 | 87 | 10.5 | 234 | 85 | 43 | 50 | 42 | Ø 12 | 2600       | 7500       | 201  |
| <b>13540</b>  | -  | -  | 100 | 87 | 10.5 | 234 | 85 | 43 | 50 | 42 | Ø 14 | 3500       | 7500       | 201  |
| <b>13541</b>  | -  | -  | 100 | 87 | 10.5 | 234 | 85 | 43 | 50 | 42 | Ø 16 | 3500       | 7500       | 201  |
| <b>13892</b>  | 71 | 69 | -   | -  | 10.5 | 204 | 71 | 31 | 50 | 42 | Ø 12 | 2600       | 8500       | 205  |
| <b>13893</b>  | 71 | 69 | -   | -  | 10.5 | 204 | 71 | 31 | 50 | 42 | Ø 14 | 3500       | 8500       | 205  |
| <b>13894</b>  | 71 | 69 | -   | -  | 10.5 | 204 | 71 | 31 | 50 | 42 | Ø 16 | 3500       | 8500       | 205  |
| <b>13589</b>  | 95 | 75 | -   | -  | 10.5 | 234 | 85 | 43 | 50 | 42 | Ø 12 | 2600       | 7500       | 203  |
| <b>13590</b>  | 95 | 75 | -   | -  | 10.5 | 234 | 85 | 43 | 50 | 42 | Ø 14 | 3500       | 7500       | 203  |
| <b>13591</b>  | 95 | 75 | -   | -  | 10.5 | 234 | 85 | 43 | 50 | 42 | Ø 16 | 3500       | 7500       | 203  |

### Code

| With knob     | With screw    | L  | H  | L   | H  | K    | T   | A  | C  | D  | S  | ROD  | N (Newton) | N (Newton) | Page |
|---------------|---------------|----|----|-----|----|------|-----|----|----|----|----|------|------------|------------|------|
| <b>131067</b> | <b>131070</b> | -  | -  | 109 | 69 | 8.5  | 235 | 65 | 27 | 50 | 42 | Ø 12 | 5000       | 7500       | 199  |
| <b>131073</b> | <b>131076</b> | -  | -  | 109 | 69 | 8.5  | 235 | 65 | 27 | 50 | 42 | Ø 12 | 5000       | 7500       | 199  |
| <b>131068</b> | <b>131071</b> | -  | -  | 109 | 69 | 8.5  | 235 | 65 | 27 | 50 | 42 | Ø 14 | 6000       | 7500       | 199  |
| <b>131074</b> | <b>131077</b> | -  | -  | 109 | 69 | 8.5  | 235 | 65 | 27 | 50 | 42 | Ø 14 | 6000       | 7500       | 199  |
| <b>131069</b> | <b>131072</b> | -  | -  | 109 | 69 | 8.5  | 235 | 65 | 27 | 50 | 42 | Ø 16 | 6000       | 7500       | 199  |
| <b>131075</b> | <b>131078</b> | -  | -  | 109 | 69 | 8.5  | 235 | 65 | 27 | 50 | 42 | Ø 16 | 6000       | 7500       | 199  |
| <b>13283</b>  | <b>13289</b>  | -  | -  | 109 | 69 | 10.5 | 235 | 65 | 27 | 50 | 42 | Ø 12 | 5000       | 7500       | 199  |
| <b>13286</b>  | <b>13292</b>  | -  | -  | 109 | 69 | 10.5 | 235 | 65 | 27 | 50 | 42 | Ø 12 | 5000       | 7500       | 199  |
| <b>13284</b>  | <b>13290</b>  | -  | -  | 109 | 69 | 10.5 | 235 | 65 | 27 | 50 | 42 | Ø 14 | 6000       | 7500       | 199  |
| <b>13287</b>  | <b>13293</b>  | -  | -  | 109 | 69 | 10.5 | 235 | 65 | 27 | 50 | 42 | Ø 14 | 6000       | 7500       | 199  |
| <b>13285</b>  | <b>13291</b>  | -  | -  | 109 | 69 | 10.5 | 235 | 65 | 27 | 50 | 42 | Ø 16 | 6000       | 7500       | 199  |
| <b>13288</b>  | <b>13294</b>  | -  | -  | 109 | 69 | 10.5 | 235 | 65 | 27 | 50 | 42 | Ø 16 | 6000       | 7500       | 199  |
| <b>131042</b> | <b>131045</b> | -  | -  | 109 | 69 | 8.5  | 235 | 82 | 44 | 50 | 42 | Ø 12 | 5000       | 7500       | 197  |
| <b>131048</b> | <b>131051</b> | -  | -  | 109 | 69 | 8.5  | 235 | 82 | 44 | 50 | 42 | Ø 12 | 5000       | 7500       | 197  |
| <b>131043</b> | <b>131046</b> | -  | -  | 109 | 69 | 8.5  | 235 | 82 | 44 | 50 | 42 | Ø 14 | 6000       | 7500       | 197  |
| <b>131049</b> | <b>131052</b> | -  | -  | 109 | 69 | 8.5  | 235 | 82 | 44 | 50 | 42 | Ø 14 | 6000       | 7500       | 197  |
| <b>131044</b> | <b>131047</b> | -  | -  | 109 | 69 | 8.5  | 235 | 82 | 44 | 50 | 42 | Ø 16 | 6000       | 7500       | 197  |
| <b>131050</b> | <b>131053</b> | -  | -  | 109 | 69 | 8.5  | 235 | 82 | 44 | 50 | 42 | Ø 16 | 6000       | 7500       | 197  |
| <b>13749</b>  | <b>13746</b>  | -  | -  | 109 | 69 | 10.5 | 235 | 82 | 44 | 50 | 42 | Ø 12 | 5000       | 7500       | 197  |
| <b>13025</b>  | <b>13022</b>  | -  | -  | 109 | 69 | 10.5 | 235 | 82 | 44 | 50 | 42 | Ø 12 | 5000       | 7500       | 197  |
| <b>13750</b>  | <b>13747</b>  | -  | -  | 109 | 69 | 10.5 | 235 | 82 | 44 | 50 | 42 | Ø 14 | 6000       | 7500       | 197  |
| <b>13026</b>  | <b>13023</b>  | -  | -  | 109 | 69 | 10.5 | 235 | 82 | 44 | 50 | 42 | Ø 14 | 6000       | 7500       | 197  |
| <b>13751</b>  | <b>13748</b>  | -  | -  | 109 | 69 | 10.5 | 235 | 82 | 44 | 50 | 42 | Ø 16 | 6000       | 7500       | 197  |
| <b>13027</b>  | <b>13024</b>  | -  | -  | 109 | 69 | 10.5 | 235 | 82 | 44 | 50 | 42 | Ø 16 | 6000       | 7500       | 197  |
| <b>13542</b>  | -             | -  | -  | 100 | 72 | 10.5 | 229 | 85 | 43 | 50 | 42 | Ø 12 | 5000       | 7500       | 201  |
| <b>13545</b>  | -             | -  | -  | 100 | 72 | 10.5 | 229 | 85 | 43 | 50 | 42 | Ø 12 | 5000       | 7500       | 201  |
| <b>13543</b>  | -             | -  | -  | 100 | 72 | 10.5 | 229 | 85 | 43 | 50 | 42 | Ø 14 | 6000       | 7500       | 201  |
| <b>13546</b>  | -             | -  | -  | 100 | 72 | 10.5 | 229 | 85 | 43 | 50 | 42 | Ø 14 | 6000       | 7500       | 201  |
| <b>13544</b>  | -             | -  | -  | 100 | 72 | 10.5 | 229 | 85 | 43 | 50 | 42 | Ø 16 | 6000       | 7500       | 201  |
| <b>13547</b>  | -             | -  | -  | 100 | 72 | 10.5 | 229 | 85 | 43 | 50 | 42 | Ø 16 | 6000       | 7500       | 201  |
| <b>13100</b>  | -             | 71 | 69 | -   | -  | 10.5 | 199 | 71 | 31 | 50 | 42 | Ø 12 | 5000       | 8500       | 205  |
| <b>13047</b>  | -             | 71 | 69 | -   | -  | 10.5 | 199 | 71 | 31 | 50 | 42 | Ø 12 | 5000       | 8500       | 205  |
| <b>13101</b>  | -             | 71 | 69 | -   | -  | 10.5 | 199 | 71 | 31 | 50 | 42 | Ø 14 | 6000       | 8500       | 205  |
| <b>13048</b>  | -             | 71 | 69 | -   | -  | 10.5 | 199 | 71 | 31 | 50 | 42 | Ø 14 | 6000       | 8500       | 205  |
| <b>13102</b>  | -             | 71 | 69 | -   | -  | 10.5 | 199 | 71 | 31 | 50 | 42 | Ø 16 | 6000       | 8500       | 205  |
| <b>13049</b>  | -             | 71 | 69 | -   | -  | 10.5 | 199 | 71 | 31 | 50 | 42 | Ø 16 | 6000       | 8500       | 205  |
| <b>13592</b>  | -             | 95 | 77 | -   | -  | 10.5 | 229 | 85 | 43 | 50 | 42 | Ø 12 | 5000       | 7500       | 203  |
| <b>13595</b>  | -             | 95 | 77 | -   | -  | 10.5 | 229 | 85 | 43 | 50 | 42 | Ø 12 | 5000       | 7500       | 203  |
| <b>13593</b>  | -             | 95 | 77 | -   | -  | 10.5 | 229 | 85 | 43 | 50 | 42 | Ø 14 | 6000       | 7500       | 203  |
| <b>13596</b>  | -             | 95 | 77 | -   | -  | 10.5 | 229 | 85 | 43 | 50 | 42 | Ø 14 | 6000       | 7500       | 203  |
| <b>13594</b>  | -             | 95 | 77 | -   | -  | 10.5 | 229 | 85 | 43 | 50 | 42 | Ø 16 | 6000       | 7500       | 203  |
| <b>13597</b>  | -             | 95 | 77 | -   | -  | 10.5 | 229 | 85 | 43 | 50 | 42 | Ø 16 | 6000       | 7500       | 203  |



# GUIDE FOR SIDE BRACKET SELECTION TECHNICAL INFORMATION

 Preferred type, readily available (codes marked in red)

## BRACKETS

MAX. LOAD  
RESISTANCE



CATALOG



| Code          | Newton | Page |
|---------------|--------|------|
| <b>131015</b> |        |      |
| <b>13020</b>  | 7500   | 196  |



| Code          | Newton | Page |
|---------------|--------|------|
| <b>131054</b> |        |      |
| <b>13270</b>  | 7500   | 198  |



| Code         | Newton | Page |
|--------------|--------|------|
| <b>13185</b> | 7500   | 200  |



| Code         | Newton | Page |
|--------------|--------|------|
| <b>13057</b> | 9900   | 208  |



| Code         | Newton | Page |
|--------------|--------|------|
| <b>13900</b> | 14750  | 208  |



| Code         | Newton | Page |
|--------------|--------|------|
| <b>13249</b> | 6000   | 207  |

## BRACKETS

MAX. LOAD  
RESISTANCE



CATALOG



| Code         | Newton | Page |
|--------------|--------|------|
| <b>13040</b> | 8500   | 204  |



| Code         | Newton | Page |
|--------------|--------|------|
| <b>13186</b> | 7500   | 202  |



| Code         | Newton | Page |
|--------------|--------|------|
| <b>13898</b> | 7500   | 207  |



| Code         | Newton | Page |
|--------------|--------|------|
| <b>13930</b> |        |      |
| <b>13931</b> | 9900   | 208  |
| <b>13932</b> |        |      |



| Code         | Newton | Page |
|--------------|--------|------|
| <b>13251</b> | 7500   | 207  |



**Side guide brackets**

# SIDE GUIDE BRACKETS

 Preferred type, readily available (codes marked in red)

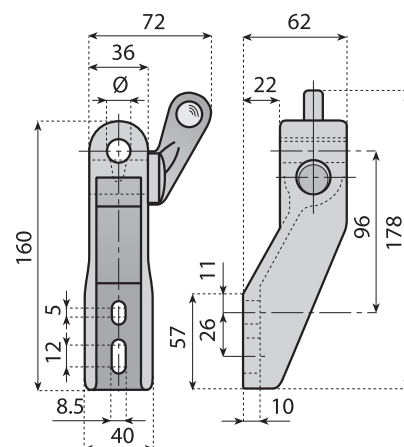


Reinforced  
polyamide



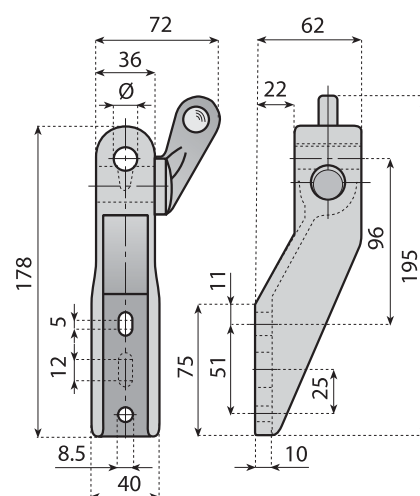
## BRACKET WITH ECCENTRIC LEVER

| Code         | For rod<br>Ø<br>(mm) |  | Material |
|--------------|----------------------|-----------------------------------------------------------------------------------|----------|
| <b>13767</b> | 12                   | n°50                                                                              | PA-FG    |
| <b>13768</b> | 14                   |                                                                                   |          |



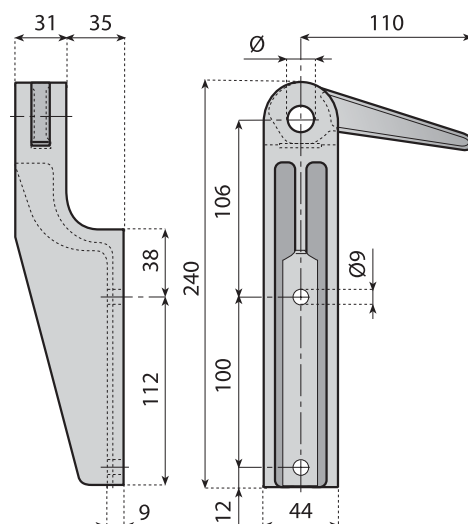
## BRACKET WITH ECCENTRIC LEVER

| Code         | For rod<br>Ø<br>(mm) |  | Material |
|--------------|----------------------|-------------------------------------------------------------------------------------|----------|
| <b>13200</b> | 12                   | n°50                                                                                | PA-FG    |
| <b>13201</b> | 14                   |                                                                                     |          |



## BRACKET WITH ECCENTRIC LEVER

| Code         | For rod<br>Ø<br>(mm) |  | Material |
|--------------|----------------------|-------------------------------------------------------------------------------------|----------|
| <b>13760</b> | 15                   | n°50                                                                                | PA-FG    |



 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide

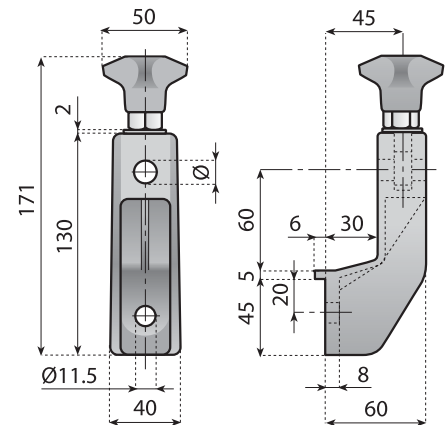


## BRACKET WITH EYEBOLT AND KNOB

**Material:** reinforced polyamide, eyebolt and washer in stainless steel AISI 304, knob in polyamide with nickel plated brass insert.

**Note:** max recommended tightening torque 4 Kgm.

| Code  | For rod<br>Ø (mm) |  |
|-------|-------------------|-----------------------------------------------------------------------------------|
| 13211 | 12                | n°50                                                                              |
| 13212 | 14                |                                                                                   |

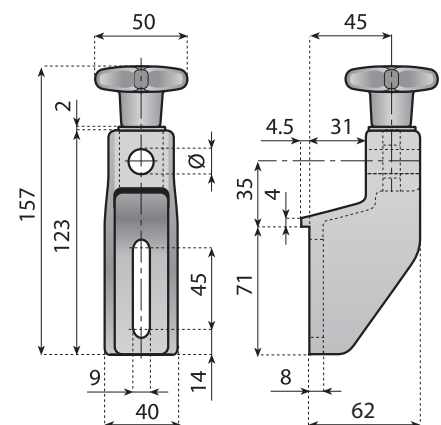


## BRACKET WITH EYEBOLT AND KNOB

**Material:** reinforced polyamide, eyebolt and washer in stainless steel AISI 304, knob in polyamide with nickel plated brass insert.

**Note:** max recommended tightening torque 4 Kgm.

| Code  | For rod<br>Ø (mm) |  |
|-------|-------------------|-------------------------------------------------------------------------------------|
| 13851 | 12                | n°50                                                                                |
| 13852 | 14                |                                                                                     |

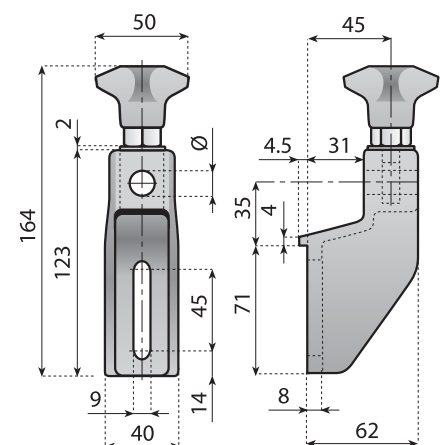


## BRACKET WITH EYEBOLT AND KNOB

**Material:** reinforced polyamide, eyebolt and washer in stainless steel AISI 304, knob in polyamide with nickel plated brass insert.

**Note:** max recommended tightening torque 4 Kgm.

| Code  | For rod<br>Ø (mm) |  |
|-------|-------------------|-------------------------------------------------------------------------------------|
| 13764 | 12                | n°50                                                                                |
| 13765 | 14                |                                                                                     |



# SIDE GUIDE BRACKETS

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide

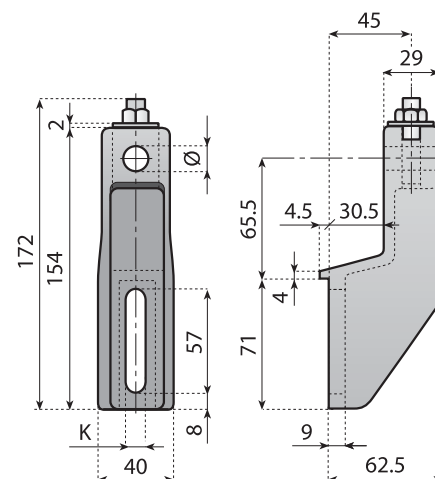


## BRACKET WITH EYEBOLT

**Material:** reinforced polyamide, eyebolt and washer in stainless steel AISI 304, nut in nickel plated brass.

**Note:** max recommended tightening torque 4 Kgm.

| Code         | For rod<br>Ø (mm) | K    |  |
|--------------|-------------------|------|-----------------------------------------------------------------------------------|
| <b>13632</b> | 12                | 9    | n°50                                                                              |
| <b>13633</b> | 14                | 9    | n°50                                                                              |
| <b>13634</b> | 12                | 10.5 | n°50                                                                              |
| <b>13635</b> | 14                | 10.5 | n°50                                                                              |

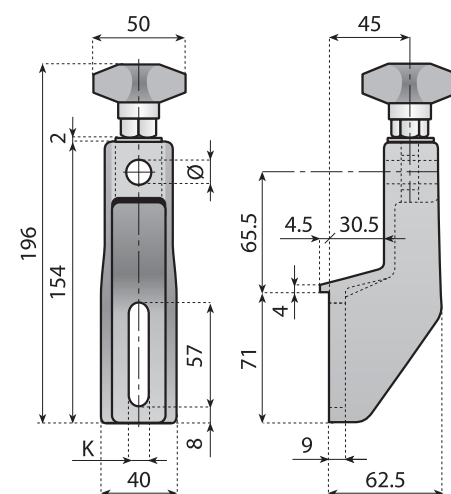


## BRACKET WITH EYEBOLT AND KNOB

**Material:** reinforced polyamide, eyebolt and washer in stainless steel AISI 304, knob in polyamide with nickel plated brass insert.

**Note:** max recommended tightening torque 4 Kgm.

| Code         | For rod<br>Ø (mm) | K    |  |
|--------------|-------------------|------|-------------------------------------------------------------------------------------|
| <b>13853</b> | 12                | 9    | n°50                                                                                |
| <b>13854</b> | 14                | 9    | n°50                                                                                |
| <b>13855</b> | 12                | 10.5 | n°50                                                                                |
| <b>13856</b> | 14                | 10.5 | n°50                                                                                |
| <b>13857</b> | 16                | 10.5 | n°50                                                                                |

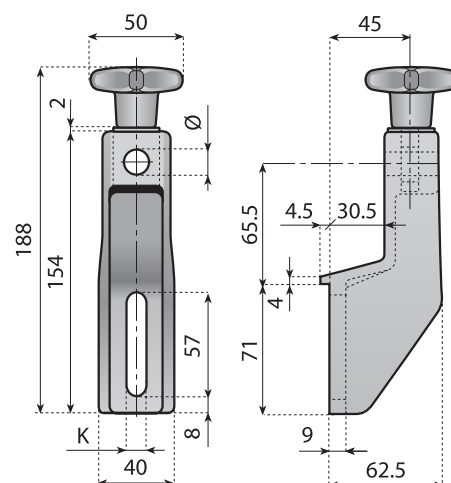


## BRACKET WITH EYEBOLT AND KNOB

**Material:** reinforced polyamide, eyebolt and washer in stainless steel AISI 304, knob in polyamide with nickel plated brass insert.

**Note:** max recommended tightening torque 4 Kgm.

| Code         | For rod<br>Ø (mm) | K    |  |
|--------------|-------------------|------|-------------------------------------------------------------------------------------|
| <b>13858</b> | 12                | 9    | n°50                                                                                |
| <b>13859</b> | 14                | 9    | n°50                                                                                |
| <b>13860</b> | 12                | 10.5 | n°50                                                                                |
| <b>13861</b> | 14                | 10.5 | n°50                                                                                |
| <b>13862</b> | 16                | 10.5 | n°50                                                                                |



 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide

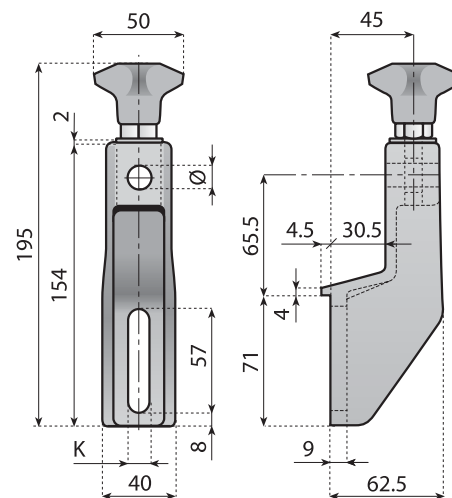
## BRACKET WITH EYEBOLT AND KNOB

**Material:** reinforced polyamide, eyebolt and washer in stainless steel AISI 304, knob in polyamide with nickel plated brass insert.

**Note:** max recommended tightening torque 4 Kgm.



| Code         | For rod<br>Ø (mm) | K    |      |
|--------------|-------------------|------|------|
| <b>13692</b> | 12                | 9    | n°50 |
| <b>13693</b> | 14                |      |      |
| <b>13696</b> | 12                |      |      |
| <b>13697</b> | 14                | 10.5 | n°50 |
| <b>13769</b> | 16                |      |      |



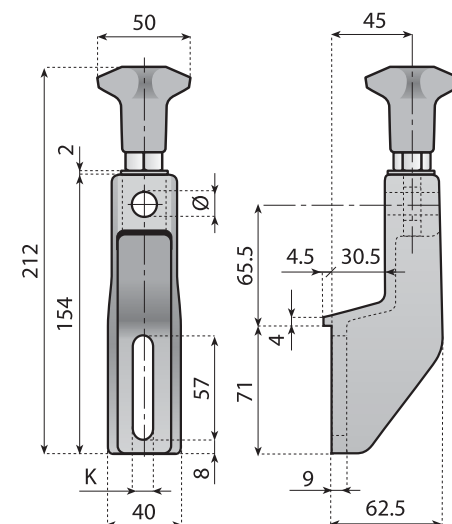
## BRACKET WITH EYEBOLT AND KNOB

**Material:** reinforced polyamide, eyebolt and washer in stainless steel AISI 304, knob in polyamide with nickel plated brass insert.

**Note:** max recommended tightening torque 4 Kgm.



| Code         | For rod<br>Ø (mm) | K    |      |
|--------------|-------------------|------|------|
| <b>13863</b> | 12                | 9    | n°50 |
| <b>13864</b> | 14                |      |      |
| <b>13865</b> | 12                |      |      |
| <b>13866</b> | 14                | 10.5 | n°50 |
| <b>13867</b> | 16                |      |      |



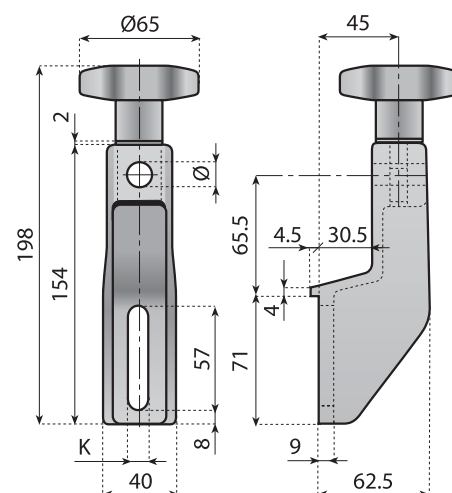
## BRACKET WITH EYEBOLT AND KNOB

**Material:** reinforced polyamide, eyebolt and washer in stainless steel AISI 304, knob in polyamide with nickel plated brass insert.

**Note:** max recommended tightening torque 4 Kgm.



| Code         | For rod<br>Ø (mm) | K    |      |
|--------------|-------------------|------|------|
| <b>13268</b> | 12                | 9    | n°50 |
| <b>13269</b> | 14                |      |      |
| <b>13208</b> | 12                |      |      |
| <b>13209</b> | 14                | 10.5 | n°50 |
| <b>13210</b> | 16                |      |      |



## SIDE GUIDE BRACKETS

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide

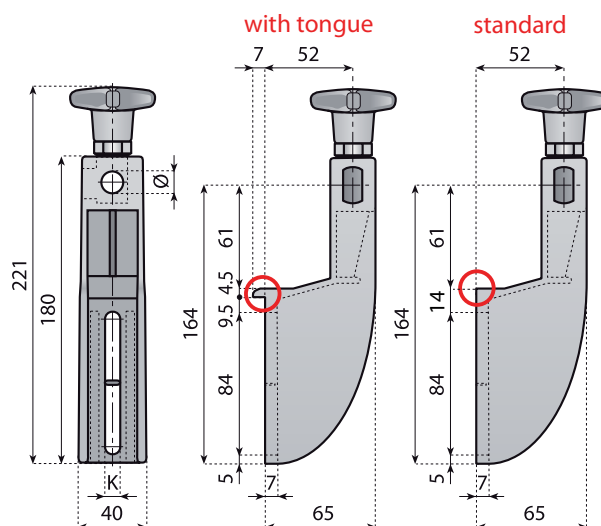
### BRACKET WITH EYEBOLT AND KNOB

**Material:** reinforced polyamide, eyebolt and washer in stainless steel AISI 304, knob in polyamide with nickel plated brass insert.

**Note:** max recommended tightening torque 4 Kgm.



| Code         | Type        | For rod Ø (mm) | K    |      |
|--------------|-------------|----------------|------|------|
| <b>13639</b> | Standard    | 12             | 9    | n°50 |
| <b>13640</b> |             | 14             |      |      |
| <b>13647</b> |             | 16             |      |      |
| <b>13641</b> | Standard    | 12             | 10.5 | n°50 |
| <b>13642</b> |             | 14             |      |      |
| <b>13648</b> |             | 16             |      |      |
| <b>13643</b> | With tongue | 12             | 9    | n°50 |
| <b>13644</b> |             | 14             |      |      |
| <b>13649</b> |             | 16             |      |      |
| <b>13645</b> | With tongue | 12             | 10.5 | n°50 |
| <b>13646</b> |             | 14             |      |      |
| <b>13650</b> |             | 16             |      |      |



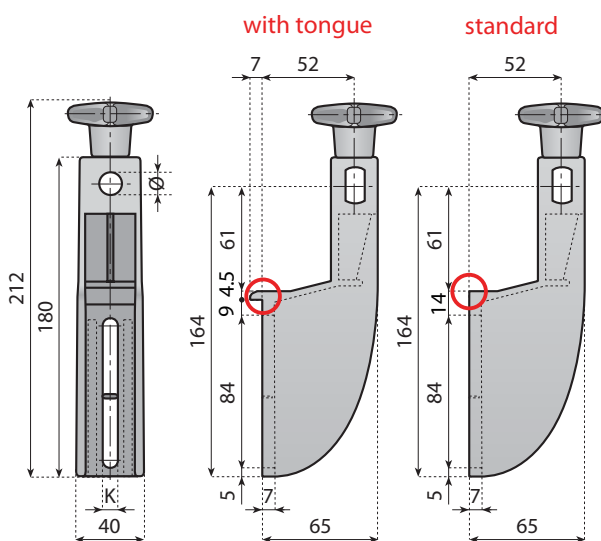
### BRACKET WITH EYEBOLT AND KNOB

**Material:** reinforced polyamide, eyebolt and washer in stainless steel AISI 304, knob in polyamide with nickel plated brass insert.

**Note:** max recommended tightening torque 4 Kgm.



| Code         | Type        | For rod Ø (mm) | K    |      |
|--------------|-------------|----------------|------|------|
| <b>13868</b> | Standard    | 12             | 9    | n°50 |
| <b>13869</b> |             | 14             |      |      |
| <b>13870</b> |             | 16             |      |      |
| <b>13871</b> | Standard    | 12             | 10.5 | n°50 |
| <b>13872</b> |             | 14             |      |      |
| <b>13873</b> |             | 16             |      |      |
| <b>13874</b> | With tongue | 12             | 9    | n°50 |
| <b>13875</b> |             | 14             |      |      |
| <b>13876</b> |             | 16             |      |      |
| <b>13877</b> | With tongue | 12             | 10.5 | n°50 |
| <b>13878</b> |             | 14             |      |      |
| <b>13879</b> |             | 16             |      |      |



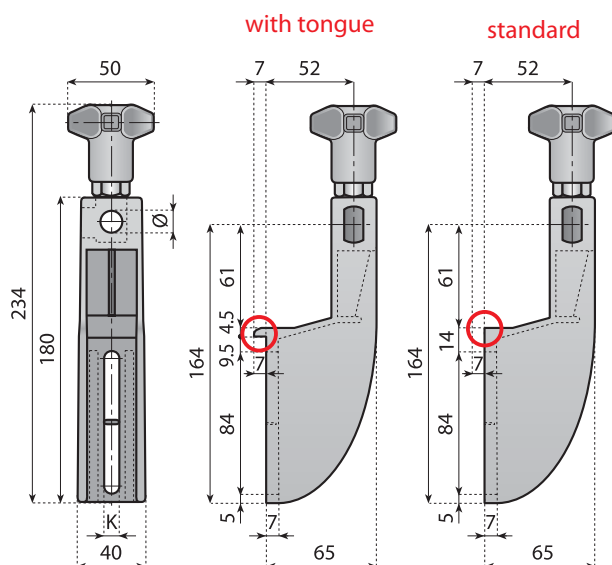
### BRACKET WITH EYEBOLT AND KNOB

**Material:** reinforced polyamide, eyebolt and washer in stainless steel AISI 304, knob in polyamide with nickel plated brass insert.

**Note:** max recommended tightening torque 4 Kgm.



| Code         | Type        | For rod Ø (mm) | K    |      |
|--------------|-------------|----------------|------|------|
| <b>13213</b> | Standard    | 12             | 9    | n°50 |
| <b>13214</b> |             | 14             |      |      |
| <b>13227</b> |             | 16             |      |      |
| <b>13215</b> | Standard    | 12             | 10.5 | n°50 |
| <b>13216</b> |             | 14             |      |      |
| <b>13228</b> |             | 16             |      |      |
| <b>13217</b> | With tongue | 12             | 9    | n°50 |
| <b>13218</b> |             | 14             |      |      |
| <b>13229</b> |             | 16             |      |      |
| <b>13219</b> | With tongue | 12             | 10.5 | n°50 |
| <b>13220</b> |             | 14             |      |      |
| <b>13230</b> |             | 16             |      |      |



 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide

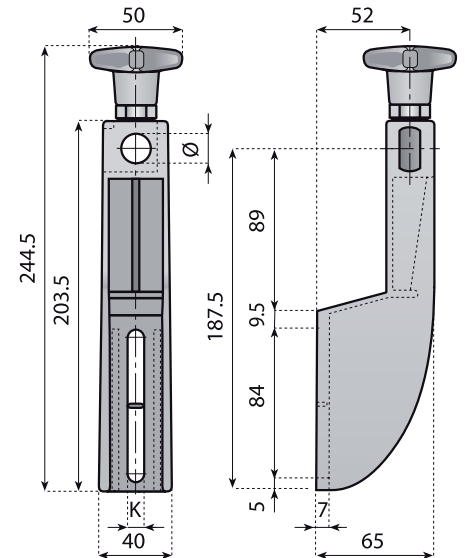
## BRACKET WITH EYEBOLT AND KNOB

**Material:** reinforced polyamide, eyebolt and washer in stainless steel AISI 304, knob in polyamide with nickel plated brass insert.

**Note:** max recommended tightening torque 4 Kgm.



| Code         | For rod<br>Ø (mm) | K    |      |
|--------------|-------------------|------|------|
| <b>13326</b> | 12                |      |      |
| <b>13327</b> | 14                | 9    | n°50 |
| <b>13328</b> | 16                |      |      |
| <b>13332</b> | 12                |      |      |
| <b>13333</b> | 14                | 10.5 | n°50 |
| <b>13334</b> | 16                |      |      |



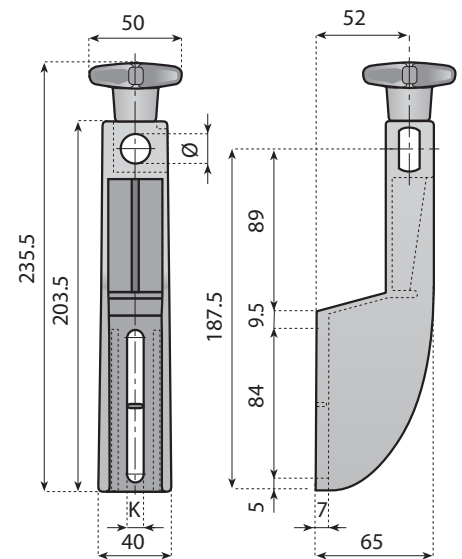
## BRACKET WITH EYEBOLT AND KNOB

**Material:** reinforced polyamide, eyebolt and washer in stainless steel AISI 304, knob in polyamide with nickel plated brass insert.

**Note:** max recommended tightening torque 4 Kgm.



| Code         | For rod<br>Ø (mm) | K    |      |
|--------------|-------------------|------|------|
| <b>13880</b> | 12                |      |      |
| <b>13881</b> | 14                | 9    | n°50 |
| <b>13882</b> | 16                |      |      |
| <b>13883</b> | 12                |      |      |
| <b>13884</b> | 14                | 10.5 | n°50 |
| <b>13885</b> | 16                |      |      |



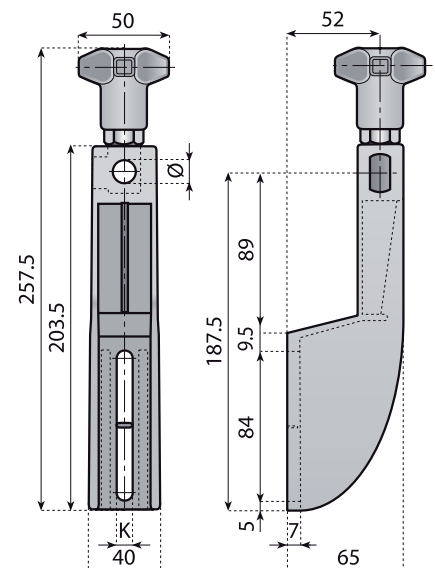
## BRACKET WITH EYEBOLT AND KNOB

**Material:** reinforced polyamide, eyebolt and washer in stainless steel AISI 304, knob in polyamide with nickel plated brass insert.

**Note:** max recommended tightening torque 4 Kgm.



| Code         | For rod<br>Ø (mm) | K    |      |
|--------------|-------------------|------|------|
| <b>13221</b> | 12                |      |      |
| <b>13222</b> | 14                | 9    | n°50 |
| <b>13223</b> | 16                |      |      |
| <b>13224</b> | 12                |      |      |
| <b>13225</b> | 14                | 10.5 | n°50 |
| <b>13226</b> | 16                |      |      |



# ADJUSTABLE BRACKETS

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Reinforced  
polyamide

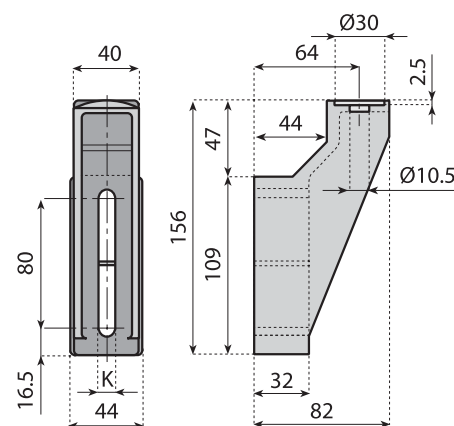


Accessories



## BRACKET

| Code          | K    |  | Material |
|---------------|------|-----------------------------------------------------------------------------------|----------|
| <b>131015</b> | 8.5  | n°50                                                                              | PA-FG    |
| <b>13020</b>  | 10.5 |                                                                                   |          |

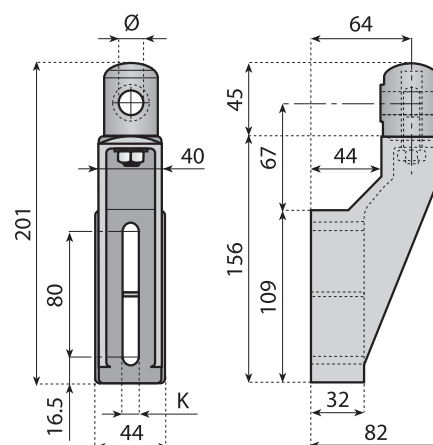


## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; eyebolt, nut and washer in stainless steel AISI 304.

**Note:** nut regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

| Code          | For rod Ø (mm) | K    |  |
|---------------|----------------|------|-------------------------------------------------------------------------------------|
| <b>131030</b> | 12             | 8.5  | n°50                                                                                |
| <b>131031</b> | 14             |      |                                                                                     |
| <b>131032</b> | 16             |      |                                                                                     |
| <b>13021</b>  | 12             | 10.5 | n°50                                                                                |
| <b>13088</b>  | 14             |      |                                                                                     |
| <b>13089</b>  | 16             |      |                                                                                     |

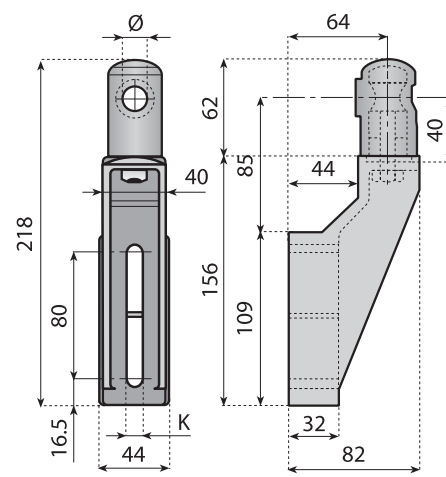


## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; bolt in nickel plated brass, screw and washer in stainless steel AISI 304.

**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

| Code          | For rod Ø (mm) | K    |  |
|---------------|----------------|------|-------------------------------------------------------------------------------------|
| <b>131033</b> | 12             | 8.5  | n°50                                                                                |
| <b>131034</b> | 14             |      |                                                                                     |
| <b>131035</b> | 16             |      |                                                                                     |
| <b>13847</b>  | 12             | 10.5 | n°50                                                                                |
| <b>13848</b>  | 14             |      |                                                                                     |
| <b>13849</b>  | 16             |      |                                                                                     |



 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



Accessories

**IMPROVED  
DESIGN**

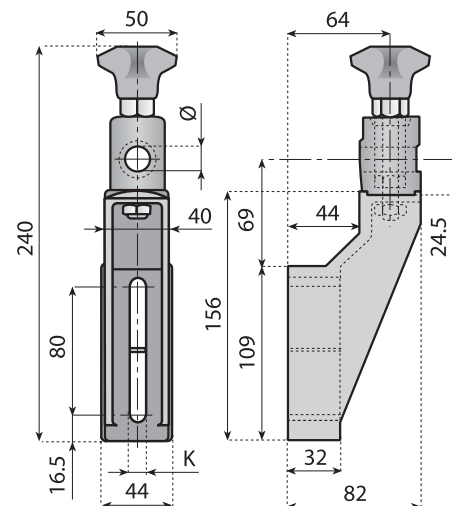


## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; eyebolt, nut, screws and washer in stainless steel AISI 304; knob in polyamide with nickel plated brass insert.

**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

| Code   | For rod Ø (mm) | K    |      |
|--------|----------------|------|------|
| 131036 | 12             |      |      |
| 131037 | 14             | 8.5  | n°50 |
| 131038 | 16             |      |      |
| 13054  | 12             |      |      |
| 13055  | 14             | 10.5 | n°50 |
| 13056  | 16             |      |      |

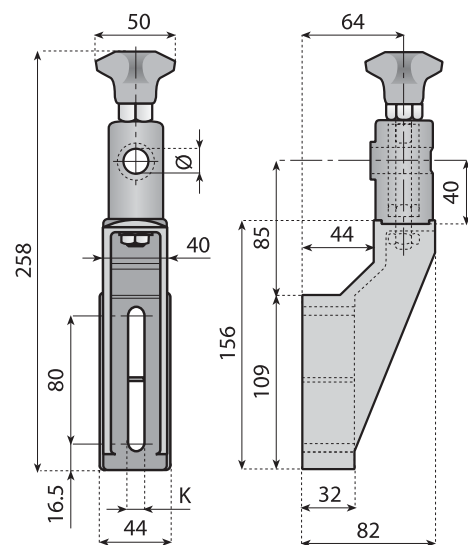


## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; eyebolt, nut, screws and washer in stainless steel AISI 304; knob in polyamide with nickel plated brass insert.

**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

| Code   | For rod Ø (mm) | K    |      |
|--------|----------------|------|------|
| 131039 | 12             |      |      |
| 131040 | 14             | 8.5  | n°50 |
| 131041 | 16             |      |      |
| 13886  | 12             |      |      |
| 13887  | 14             | 10.5 | n°50 |
| 13888  | 16             |      |      |

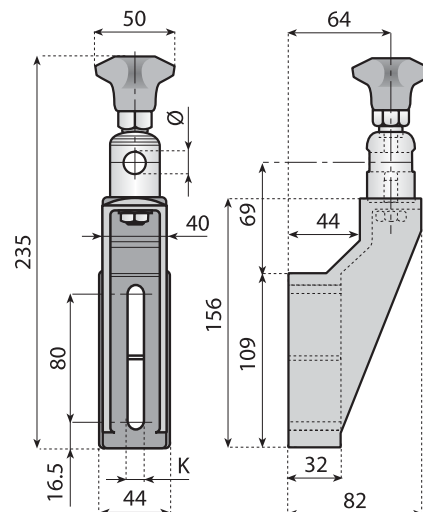


## ADJUSTABLE BRACKET

**Material:** bracket in reinforced polyamide; screw and washer in stainless steel AISI 304; knob in polyamide with nickel plated brass insert.

**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

| Code                   | Code               | Head material            | For rod Ø (mm) | K    |      |
|------------------------|--------------------|--------------------------|----------------|------|------|
| Version with star knob | Version with screw |                          |                |      |      |
| 131042                 | 131045             | Nickel plated brass      | 12             | 8.5  | n°50 |
| 131043                 | 131046             |                          | 14             |      |      |
| 131044                 | 131047             |                          | 16             |      |      |
| 131048                 | 131051             | Stainless steel AISI 304 | 12             | 8.5  | n°50 |
| 131049                 | 131052             |                          | 14             |      |      |
| 131050                 | 131053             |                          | 16             |      |      |
| 13749                  | 13746              | Nickel plated brass      | 12             | 10.5 | n°50 |
| 13750                  | 13747              |                          | 14             |      |      |
| 13751                  | 13748              |                          | 16             |      |      |
| 13025                  | 13022              | Stainless steel AISI 304 | 12             | 10.5 | n°50 |
| 13026                  | 13023              |                          | 14             |      |      |
| 13027                  | 13024              |                          | 16             |      |      |



# ADJUSTABLE BRACKETS

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



Accessories



## BRACKET

### Code

**131054**

**13270**

K

8.5

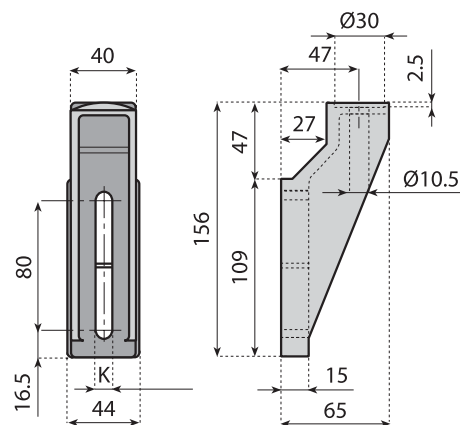
10.5



Material

n°50

PA-FG



## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; eyebolt, nut and washer in stainless steel AISI 304.

**Note:** nut regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

### Code

**131055**

**131056**

**131057**

**13271**

**13272**

**13273**

For rod  
Ø (mm)

12

14

16

12

14

16

K

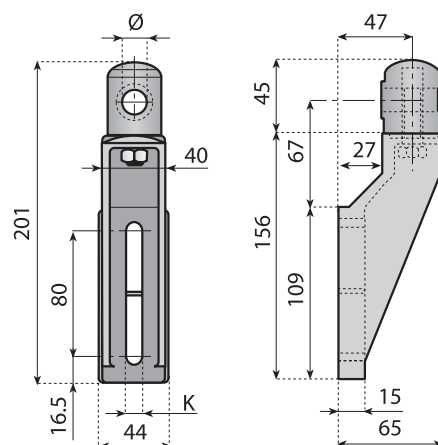
8.5

10.5



n°50

n°50



## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; bolt in nickel plated brass, screw and washer in stainless steel AISI 304.

**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

### Code

**131058**

**131059**

**131060**

**13274**

**13275**

**13276**

For rod  
Ø (mm)

12

14

16

12

14

16

K

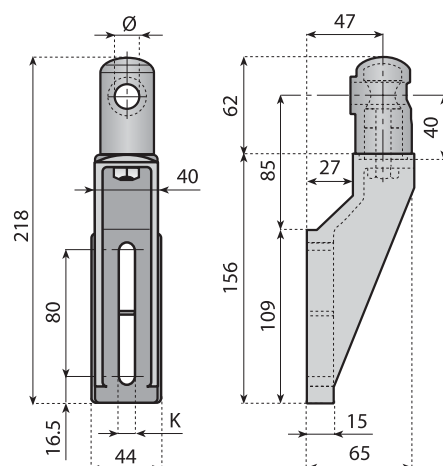
8.5

10.5



n°50

n°50



 Preferred type, readily available (codes marked in red)

**IMPROVED  
DESIGN**



## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; eyebolt, nut, screws and washer in stainless steel; knob in polyamide with nickel plated brass insert.  
**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

| Code   | For rod Ø (mm) | K    |      |
|--------|----------------|------|------|
| 131061 | 12             |      |      |
| 131062 | 14             | 8.5  | n°50 |
| 131063 | 16             |      |      |
| 13277  | 12             |      |      |
| 13278  | 14             | 10.5 | n°50 |
| 13279  | 16             |      |      |



AISI 304  
Stainless steel



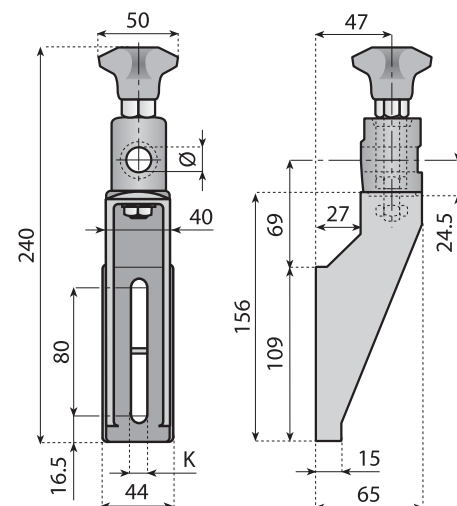
Nickel plated brass



Reinforced polyamide



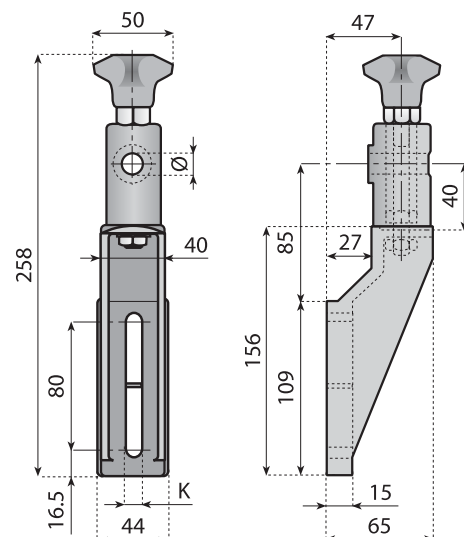
Accessories



## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; eyebolt, nut, screws and washer in stainless steel AISI 304; knob in polyamide with nickel plated brass insert.  
**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

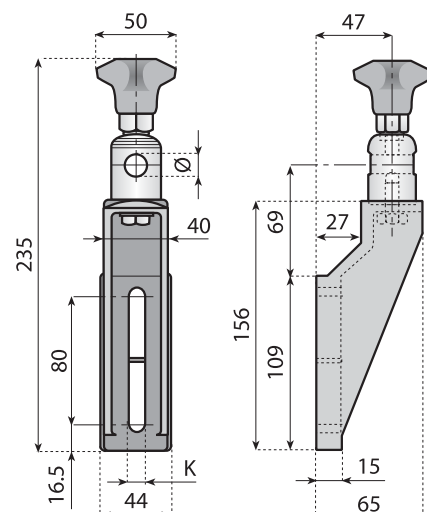
| Code   | For rod Ø (mm) | K    |      |
|--------|----------------|------|------|
| 131064 | 12             |      |      |
| 131065 | 14             | 8.5  | n°50 |
| 131066 | 16             |      |      |
| 13280  | 12             |      |      |
| 13281  | 14             | 10.5 | n°50 |
| 13282  | 16             |      |      |



## ADJUSTABLE BRACKET

**Material:** bracket in reinforced polyamide; screw and washer in stainless steel AISI 304; knob in polyamide with nickel plated brass insert.  
**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

| Code                   | Code               | Head material       | For rod Ø (mm) | K    |      |
|------------------------|--------------------|---------------------|----------------|------|------|
| Version with star knob | Version with screw |                     |                |      |      |
| 131067                 | 131070             | Nickel plated brass | 12             |      |      |
| 131068                 | 131071             |                     | 14             | 8.5  | n°50 |
| 131069                 | 131072             |                     | 16             |      |      |
| 131073                 | 131076             | Stainless steel     | 12             |      |      |
| 131074                 | 131077             |                     | 14             | 8.5  | n°50 |
| 131075                 | 131078             | AISI 304            | 16             |      |      |
| 13283                  | 13289              | Nickel plated brass | 12             |      |      |
| 13284                  | 13290              |                     | 14             | 10.5 | n°50 |
| 13285                  | 13291              |                     | 16             |      |      |
| 13286                  | 13292              | Stainless steel     | 12             |      |      |
| 13287                  | 13293              |                     | 14             | 10.5 | n°50 |
| 13288                  | 13294              | AISI 304            | 16             |      |      |



# ADJUSTABLE BRACKETS

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



Accessories



## BRACKET

Code

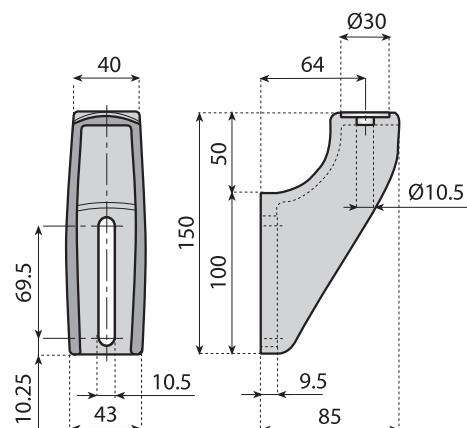
**13185**



n°50



PA-FG



## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; eyebolt, nut and washer in stainless steel AISI 304.

**Note:** nut regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

Code

**13530**

**13531**

**13532**



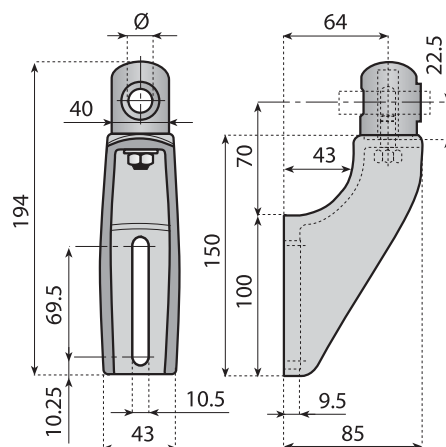
12

14

16



n°50



## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; bolt in nickel plated brass, screw and washer in stainless steel AISI 304.

**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

Code

**13533**

**13534**

**13535**



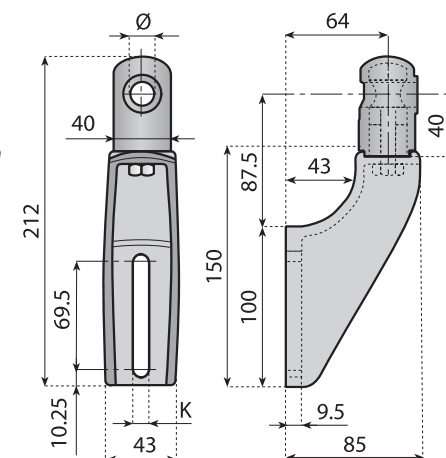
12

14

16



n°50



 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



Accessories

**IMPROVED  
DESIGN**

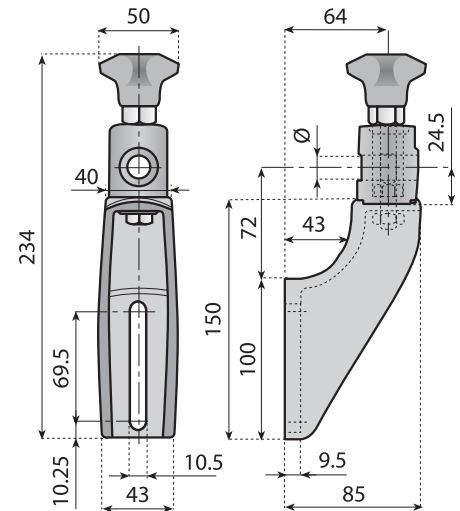


## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; eyebolt, nut, screws and washer in stainless steel AISI 304; knob in polyamide with nickel plated brass insert.

**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

| Code         | For rod<br>Ø<br>(mm) |      |
|--------------|----------------------|------|
| <b>13536</b> | 12                   |      |
| <b>13537</b> | 14                   | n°50 |
| <b>13538</b> | 16                   |      |

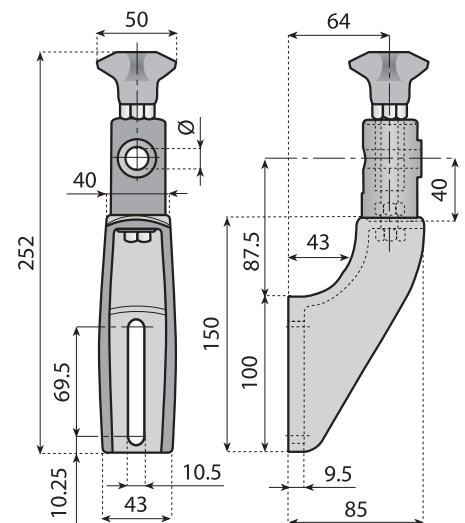


## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; eyebolt, nut, screws and washer in stainless steel AISI 304; knob in polyamide with nickel plated brass insert.

**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

| Code         | For rod<br>Ø<br>(mm) |      |
|--------------|----------------------|------|
| <b>13539</b> | 12                   |      |
| <b>13540</b> | 14                   | n°50 |
| <b>13541</b> | 16                   |      |

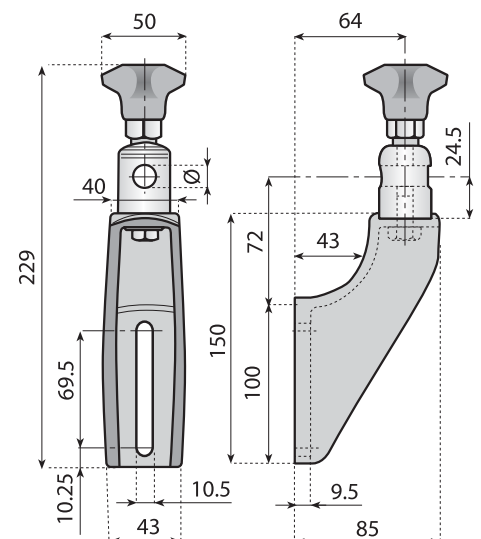


## ADJUSTABLE BRACKET

**Material:** bracket in reinforced polyamide; screw and washer in stainless steel AISI 304; knob in polyamide with nickel plated brass insert.

**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

| Code         | Head material   | For rod<br>Ø<br>(mm) |      |
|--------------|-----------------|----------------------|------|
| <b>13542</b> | Nickel          | 12                   |      |
| <b>13543</b> | plated brass    | 14                   | n°50 |
| <b>13544</b> |                 | 16                   |      |
| <b>13545</b> | Stainless steel | 12                   |      |
| <b>13546</b> | AISI 304        | 14                   | n°50 |
| <b>13547</b> |                 | 16                   |      |



# ADJUSTABLE BRACKETS

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide

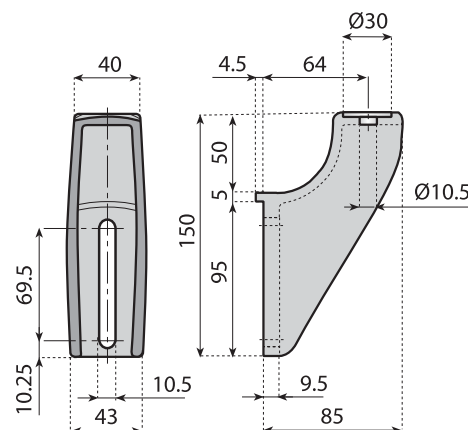


Accessories



## BRACKET WITH TONGUE

| Code         |  | Material |
|--------------|-----------------------------------------------------------------------------------|----------|
| <b>13186</b> | n°50                                                                              | PA-FG    |

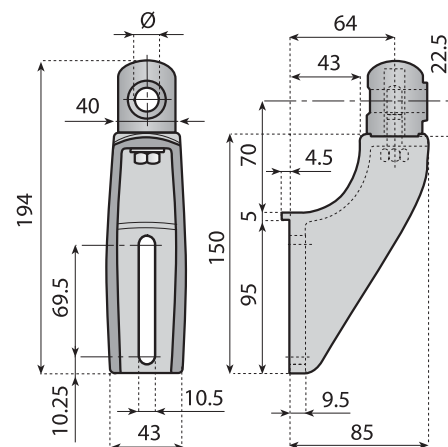


## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; eyebolt, nut and washer in stainless steel AISI 304.

**Note:** nut regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

| Code         | For rod<br>Ø (mm) |  |
|--------------|-------------------|-------------------------------------------------------------------------------------|
| <b>13580</b> | 12                | n°50                                                                                |
| <b>13581</b> | 14                |                                                                                     |
| <b>13582</b> | 16                |                                                                                     |

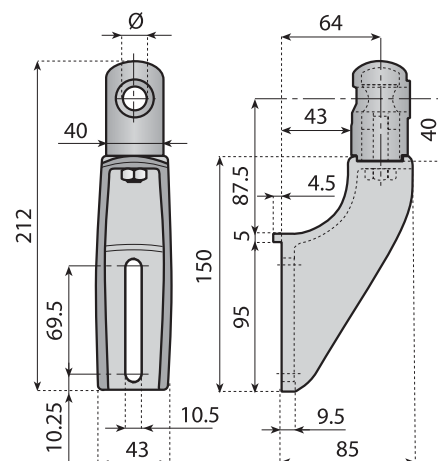


## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; bolt in nickel plated brass, screw and washer in stainless steel AISI 304.

**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

| Code         | For rod<br>Ø (mm) |  |
|--------------|-------------------|-------------------------------------------------------------------------------------|
| <b>13583</b> | 12                | n°50                                                                                |
| <b>13584</b> | 14                |                                                                                     |
| <b>13585</b> | 16                |                                                                                     |



 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



Accessories

**IMPROVED  
DESIGN**

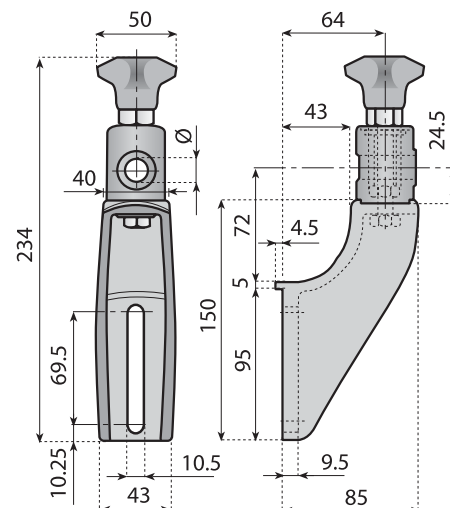


## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; eyebolt, nut, screws and washer in stainless steel AISI 304; knob in polyamide with nickel plated brass insert.

**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

| Code         | For rod<br>Ø (mm) |      |
|--------------|-------------------|------|
| <b>13586</b> | 12                |      |
| <b>13587</b> | 14                | n°50 |
| <b>13588</b> | 16                |      |

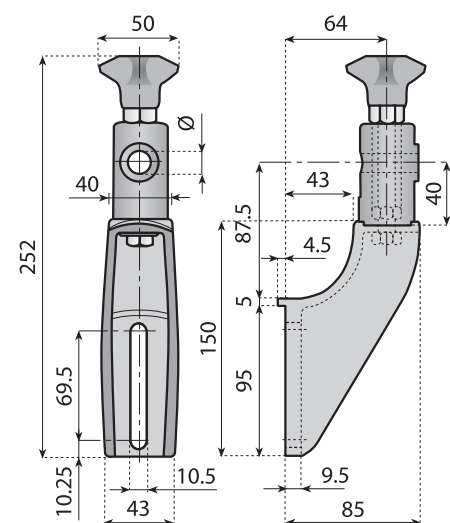


## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; eyebolt, nut, screws and washer in stainless steel AISI 304; knob in polyamide with nickel plated brass insert.

**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

| Code         | For rod<br>Ø (mm) |      |
|--------------|-------------------|------|
| <b>13589</b> | 12                |      |
| <b>13590</b> | 14                | n°50 |
| <b>13591</b> | 16                |      |

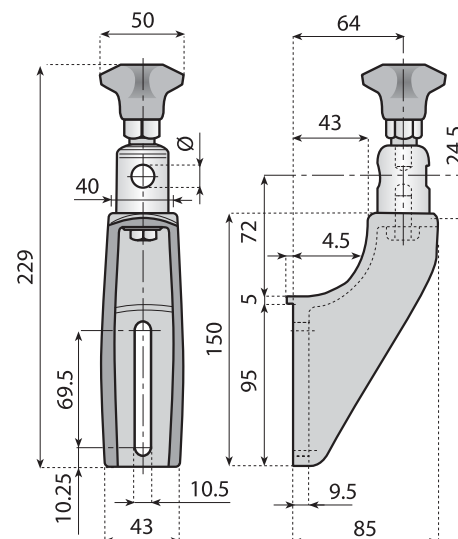


## ADJUSTABLE BRACKET

**Material:** bracket in reinforced polyamide; screw and washer in stainless steel AISI 304; knob in polyamide with nickel plated brass insert.

**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

| Code         | Head material   | For rod<br>Ø (mm) |      |
|--------------|-----------------|-------------------|------|
| <b>13592</b> | Nickel          | 12                |      |
| <b>13593</b> | plated brass    | 14                | n°50 |
| <b>13594</b> |                 | 16                |      |
| <b>13595</b> | Stainless steel | 12                |      |
| <b>13596</b> | AISI 304        | 14                | n°50 |
| <b>13597</b> |                 | 16                |      |



# ADJUSTABLE BRACKETS

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



Accessories



## BRACKET

Code

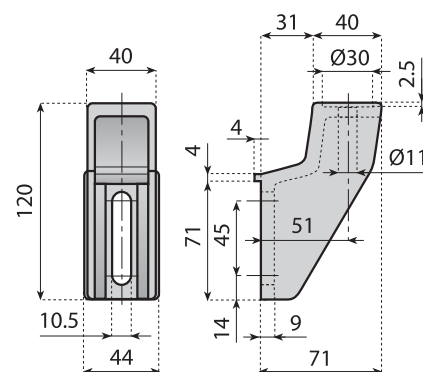
**13040**



n°50



PA-FG



## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; eyebolt, nut and washer in stainless steel AISI 304.

**Note:** nut regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

Code

**13041**



12

**13042**

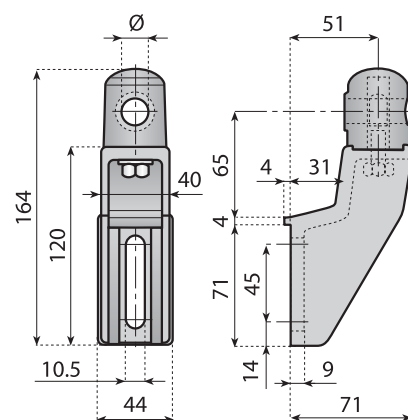
14



n°50

**13043**

16



## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; threaded insert in nickel plated brass, screw and washer in stainless steel AISI 304.

**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

Code

**13889**



12

**13890**

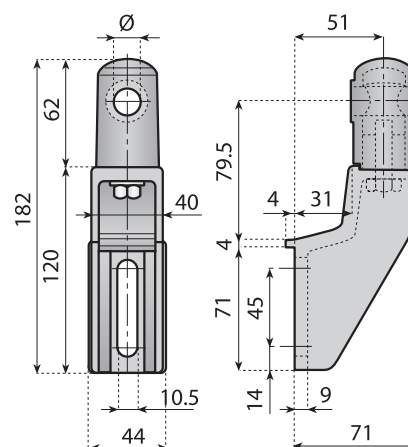
14



n°50

**13891**

16



 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



Accessories

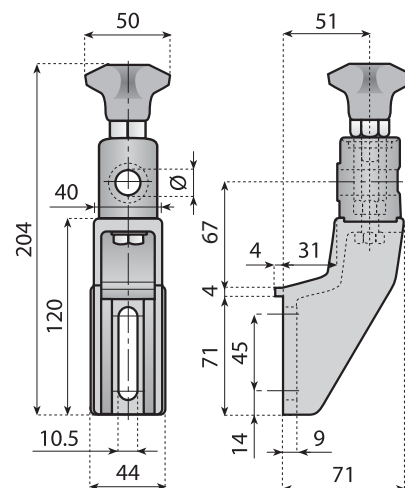
**IMPROVED  
DESIGN**



## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; eyebolt, nut, screws and washer in stainless steel AISI 304; knob in polyamide with nickel plated brass insert.  
**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

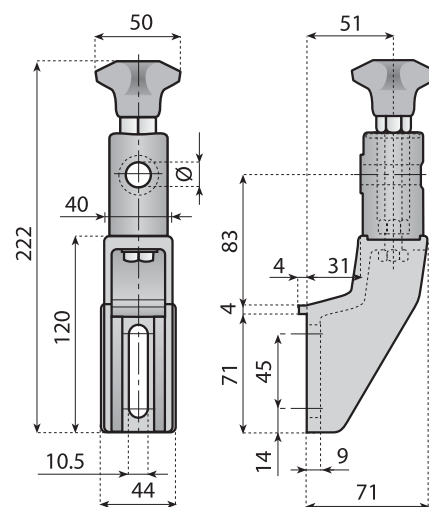
| Code         | For rod<br>Ø (mm) |      |
|--------------|-------------------|------|
| <b>13044</b> | 12                | n°50 |
| <b>13045</b> | 14                |      |
| <b>13046</b> | 16                |      |



## ADJUSTABLE BRACKET

**Material:** bracket and adjustable head in reinforced polyamide; eyebolt, nut, screws and washer in stainless steel AISI 304; knob in polyamide with nickel plated brass insert.  
**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

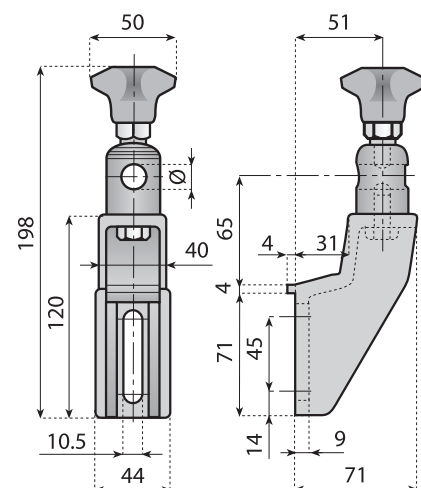
| Code         | For rod<br>Ø (mm) |      |
|--------------|-------------------|------|
| <b>13892</b> | 12                | n°50 |
| <b>13893</b> | 14                |      |
| <b>13894</b> | 16                |      |



## ADJUSTABLE BRACKET

**Material:** bracket in reinforced polyamide; screw and washer in stainless steel AISI 304; knob in polyamide with nickel plated brass insert.  
**Note:** screw regulates rod position and head adjustability. Max recommended tightening torque 4 Kgm.

| Code         | Head material               | For rod<br>Ø (mm) |      |
|--------------|-----------------------------|-------------------|------|
| <b>13100</b> | Nickel<br>plated brass      | 12                | n°50 |
| <b>13101</b> |                             | 14                |      |
| <b>13102</b> |                             | 16                |      |
| <b>13047</b> | Stainless steel<br>AISI 304 | 12                | n°50 |
| <b>13048</b> |                             | 14                |      |
| <b>13049</b> |                             | 16                |      |



(👉 Preferred type, readily available (codes marked in red))



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



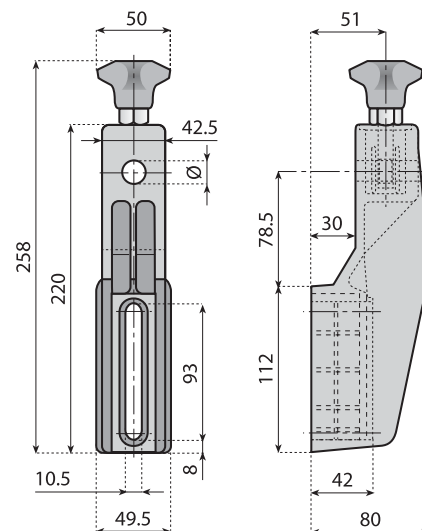
## Accessories



### EXTRA-BRACKET

**Material:** bracket in reinforced polyamide;  
eyebolt, and washer in stainless steel AISI 304;  
knob in polyamide with nickel plated brass insert.  
**Note:** max recommended tightening torque 4 Kgm.

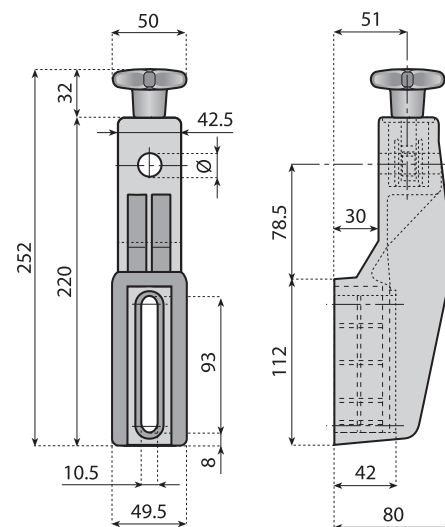
| Code         | For rod $\varnothing$ (mm) |      |
|--------------|----------------------------|------|
| <b>13050</b> | 12                         |      |
| <b>13051</b> | 14                         | n°25 |
| <b>13052</b> | 16                         |      |



### EXTRA-BRACKET

**Material:** bracket in reinforced polyamide;  
eyebolt, and washer in stainless steel AISI 304;  
knob in polyamide with nickel plated brass insert.  
**Note:** max recommended tightening torque 4 Kgm.

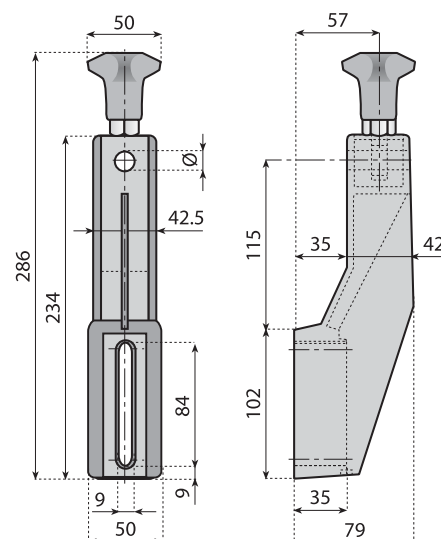
| Code         | For rod $\varnothing$ (mm) |      |
|--------------|----------------------------|------|
| <b>13895</b> | 12                         |      |
| <b>13896</b> | 14                         | n°25 |
| <b>13897</b> | 16                         |      |



### EXTRA-BRACKET

**Material:** bracket in reinforced polyamide;  
eyebolt, and washer in stainless steel AISI 304;  
knob in polyamide with nickel plated brass insert.  
**Note:** max recommended tightening torque 4 Kgm.

| Code         | For rod<br>Ø (mm) |  |
|--------------|-------------------|-------------------------------------------------------------------------------------|
| <b>13205</b> | 12                |                                                                                     |
| <b>13206</b> | 14                | n°25                                                                                |
| <b>13207</b> | 16                |                                                                                     |



 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Reinforced  
polyamide



## SIDE BRACKET FOR HORIZONTAL TUBES

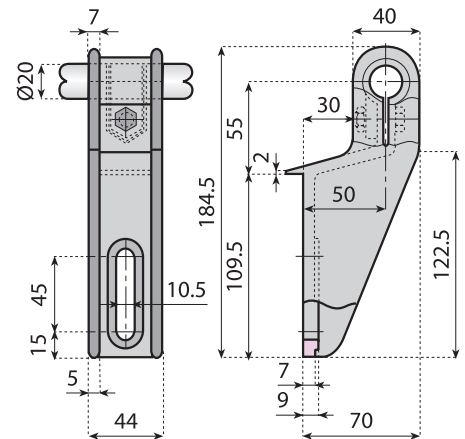
**Material:** bracket in reinforced polyamide, nut, screws and washers in stainless steel AISI 304.

Code

**13898**



n°50



## SIDE BRACKET

Code

**13251**

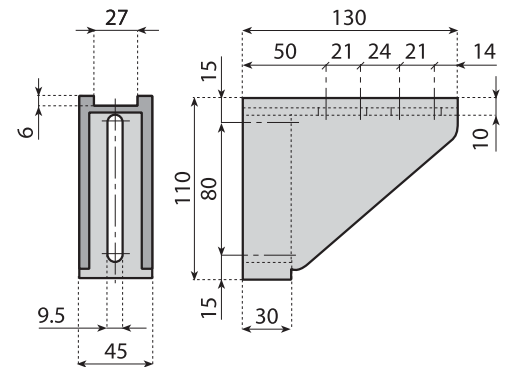


n°50



Material

PA-FG



## SIDE BRACKET

Code

**13249**

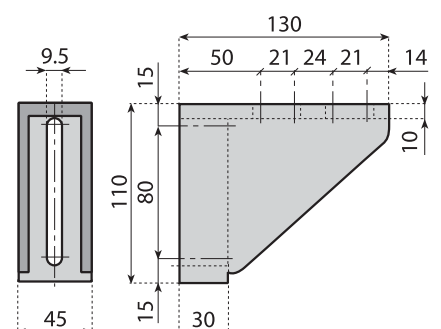


n°50



Material

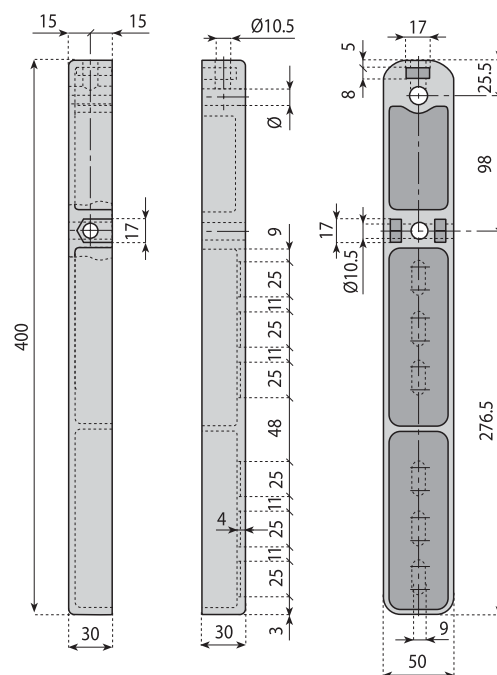
PA-FG



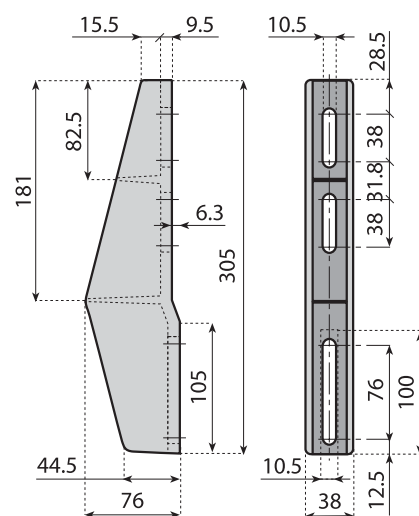
Reinforced  
polyamide



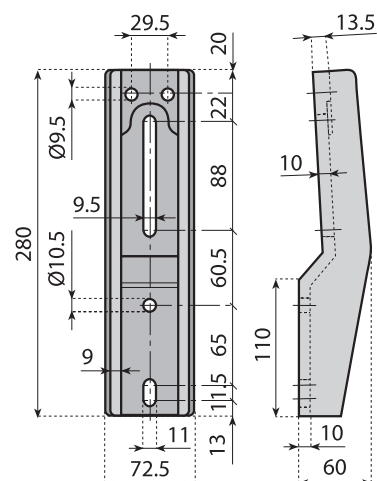
| Code         | For rod<br>Ø<br>(mm) |  | Material |
|--------------|----------------------|-----------------------------------------------------------------------------------|----------|
| <b>13930</b> | 12                   |                                                                                   |          |
| <b>13931</b> | 14                   | n°50                                                                              | PA-FG    |
| <b>13932</b> | 16                   |                                                                                   |          |



| Code  |  |  |
|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 13057 | n°50                                                                                | PA-FG                                                                               |



| Code  |  |  |
|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 13900 | n°50                                                                                | PA-FG                                                                               |



# SIDE BRACKETS IN STAINLESS STEEL

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Accessories



SIDE BRACKET

Code

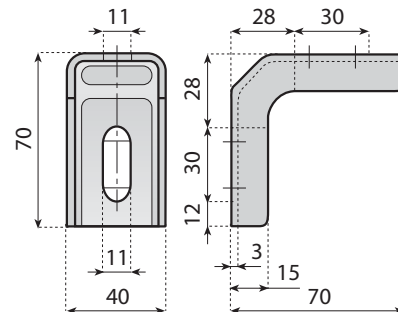
**13804**



n°50



SS  
AISI 304



SIDE BRACKET

Code

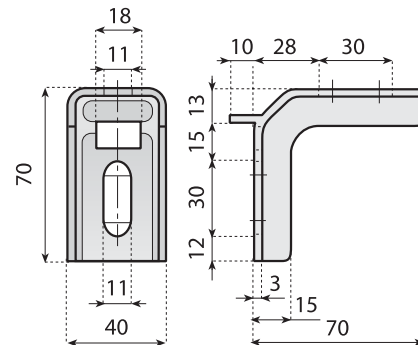
**13803**



n°50



SS  
AISI 304



SIDE BRACKET

Code

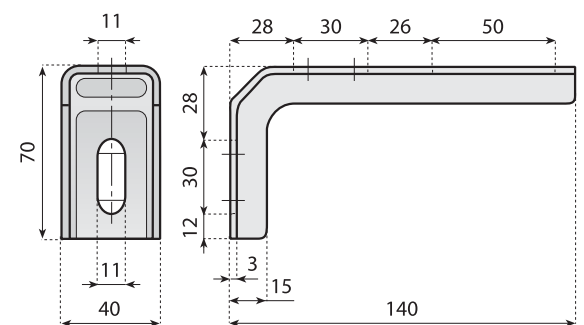
**13802**



n°50



SS  
AISI 304



SIDE BRACKET

Code

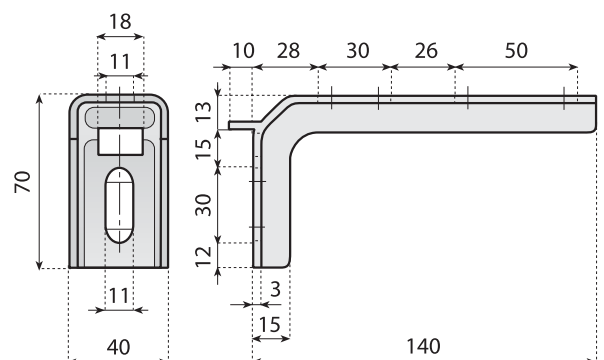
**13801**



n°50

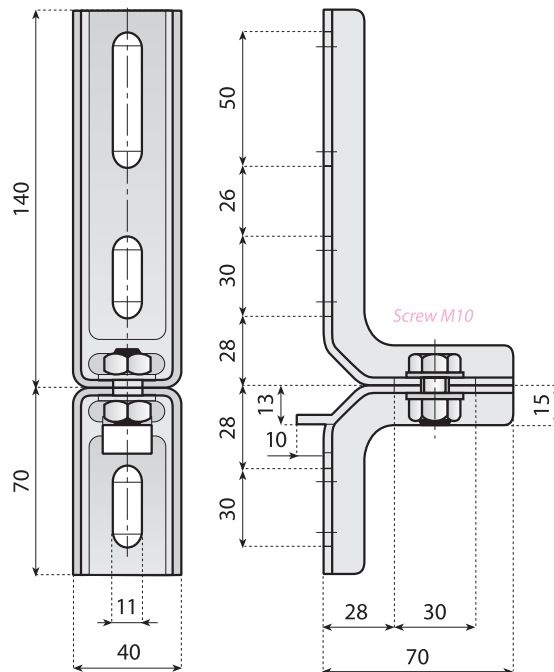


SS  
AISI 304



## SIDE BRACKETS IN STAINLESS STEEL

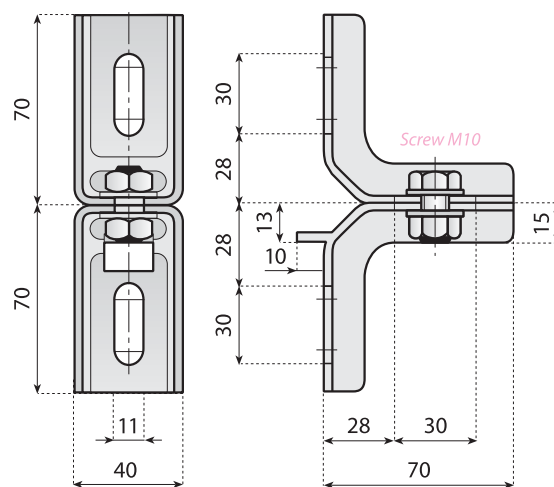
 Preferred type, readily available  
(codes marked in red)



AISI 304  
Stainless steel

## SIDE BRACKET

**Thickness:**  $S = 3 \text{ mm}$ .  
**Surface:** tumbling finish.

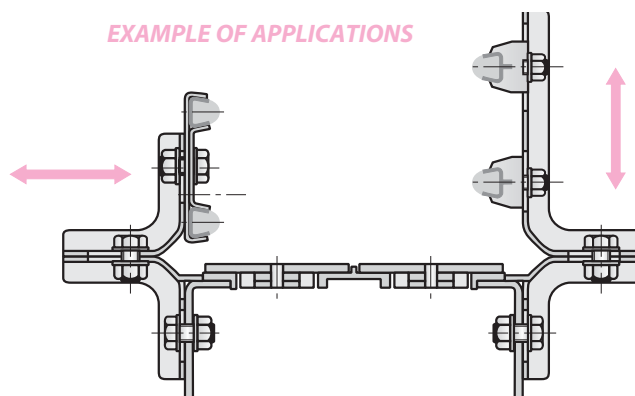


## SIDE BRACKET

**Thickness:**  $S = 3$  mm.  
**Surface:** tumbling finish.



### EXAMPLE OF APPLICATIONS

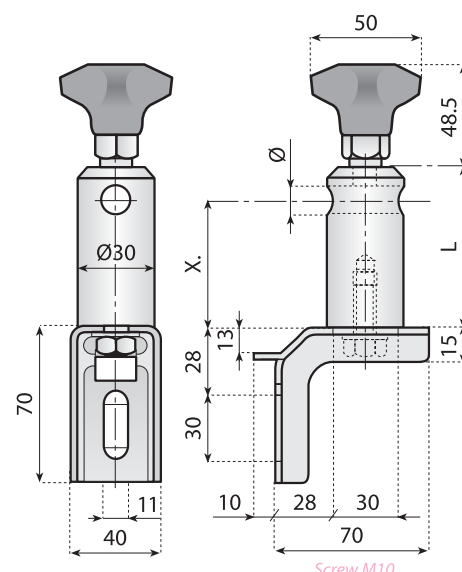




*Nickel plated brass*



## Accessories

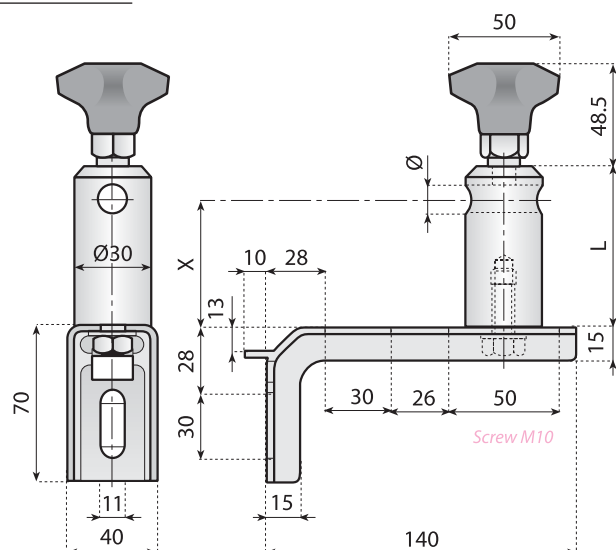


Screw M10

### SIDE BRACKET WITH ADJUSTABLE HEAD

**Material:** bracket, head and bolts in stainless steel AISI 304. Knob in polyamide with hexagonal bushing in nickel plated brass.

| Code             |                     |  |  | X   | L   |
|------------------|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----|-----|
| Bracket standard | Bracket with tongue |                                                                                   |                                                                                   |     |     |
| <b>13815W</b>    | <b>13815</b>        | 12                                                                                | n°25                                                                              | 40  | 55  |
| <b>13818W</b>    | <b>13818</b>        |                                                                                   |                                                                                   | 60  | 75  |
| <b>13821W</b>    | <b>13821</b>        |                                                                                   |                                                                                   | 90  | 105 |
| <b>13824W</b>    | <b>13824</b>        |                                                                                   |                                                                                   | 130 | 145 |
| <b>13816W</b>    | <b>13816</b>        | 14                                                                                | n°25                                                                              | 40  | 56  |
| <b>13819W</b>    | <b>13819</b>        |                                                                                   |                                                                                   | 60  | 76  |
| <b>13822W</b>    | <b>13822</b>        |                                                                                   |                                                                                   | 90  | 106 |
| <b>13825W</b>    | <b>13825</b>        |                                                                                   |                                                                                   | 130 | 146 |
| <b>13817W</b>    | <b>13817</b>        | 16                                                                                | n°25                                                                              | 40  | 57  |
| <b>13820W</b>    | <b>13820</b>        |                                                                                   |                                                                                   | 60  | 77  |
| <b>13823W</b>    | <b>13823</b>        |                                                                                   |                                                                                   | 90  | 107 |
| <b>13826W</b>    | <b>13826</b>        |                                                                                   |                                                                                   | 130 | 147 |



Screw M10

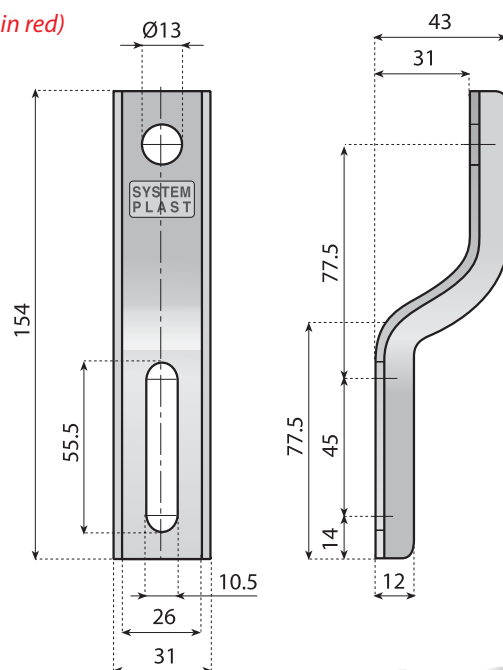
### SIDE BRACKET WITH ADJUSTABLE HEAD

**Material:** bracket, head and bolts in stainless steel AISI 304. Knob in polyamide with hexagonal bushing in nickel plated brass.

| Code             |                     |                                                                                     |                                                                                     |     |     |
|------------------|---------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|-----|
| Bracket standard | Bracket with tongue |  |  | X   | L   |
| <b>131100W</b>   | <b>131100</b>       | 12                                                                                  | n°25                                                                                | 40  | 55  |
| <b>131101W</b>   | <b>131101</b>       |                                                                                     |                                                                                     | 60  | 75  |
| <b>131102W</b>   | <b>131102</b>       |                                                                                     |                                                                                     | 90  | 105 |
| <b>131103W</b>   | <b>131103</b>       |                                                                                     |                                                                                     | 130 | 145 |
| <b>131104W</b>   | <b>131104</b>       | 14                                                                                  | n°25                                                                                | 40  | 56  |
| <b>131105W</b>   | <b>131105</b>       |                                                                                     |                                                                                     | 60  | 76  |
| <b>131106W</b>   | <b>131106</b>       |                                                                                     |                                                                                     | 90  | 106 |
| <b>131107W</b>   | <b>131107</b>       |                                                                                     |                                                                                     | 130 | 146 |
| <b>131108W</b>   | <b>131108</b>       | 16                                                                                  | n°25                                                                                | 40  | 57  |
| <b>131109W</b>   | <b>131109</b>       |                                                                                     |                                                                                     | 60  | 77  |
| <b>131110W</b>   | <b>131110</b>       |                                                                                     |                                                                                     | 90  | 107 |
| <b>131111W</b>   | <b>131111</b>       |                                                                                     |                                                                                     | 130 | 147 |

## SIDE BRACKETS IN STAINLESS STEEL

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel

### FIXED BRACKET

**Thickness:**  $S = 2.5$  mm.

**Surface:** tumbling finish.

**Use:** support for side guides.

Code

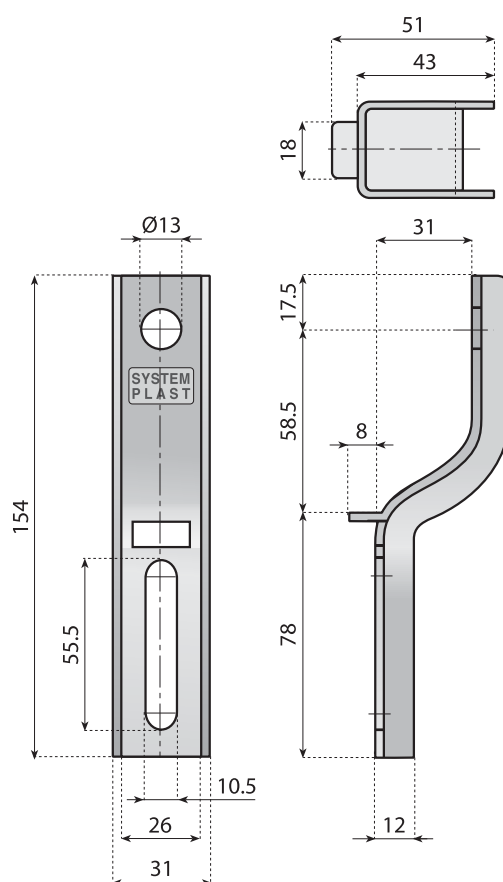
**13809**



n°50



SS  
AISI 304



### FIXED BRACKET

**Thickness:**  $S = 2.5$  mm.

**Surface:** tumbling finish.

**Use:** support for side guides.

Code

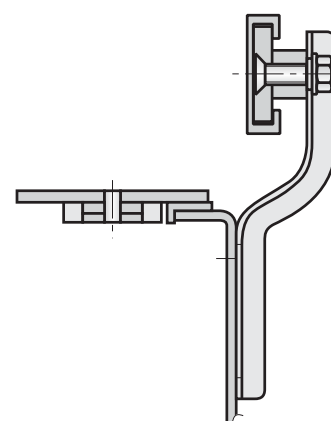
**13831**



n°50



SS  
AISI 304



 Preferred type, readily available (codes marked in red)



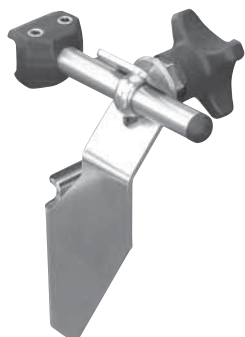
AISI 304  
Stainless steel



Reinforced  
polyamide



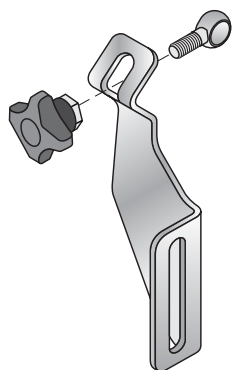
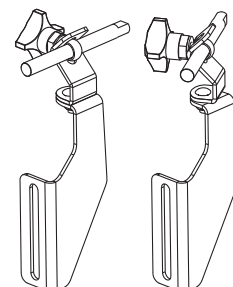
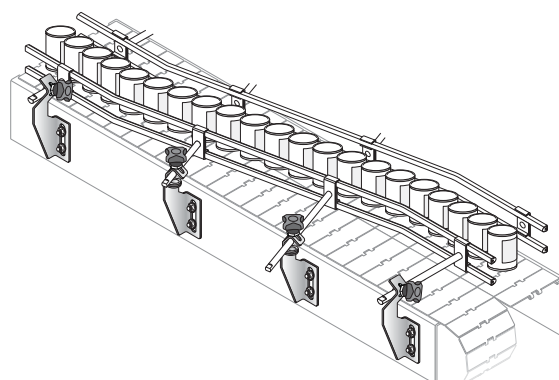
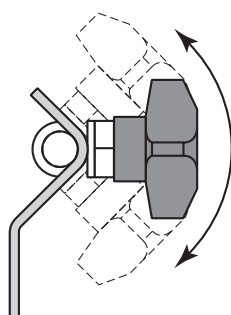
Par. # 6,189,685  
Par. # 6,669,009  
(USA)



## NEW VALU GUIDE STAINLESS STEEL GUIDE RAIL BRACKETS

### Characteristics:

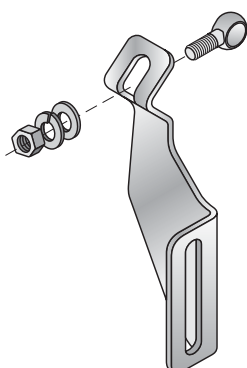
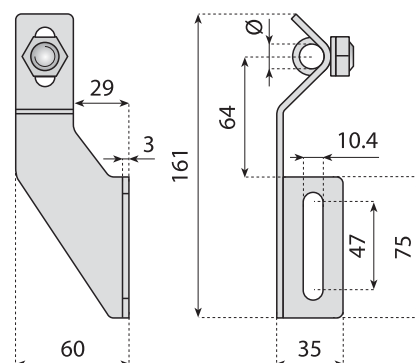
- 304 stainless steel
- Versatile, sanitary design
- High temperature or corrosive environments
- Tall or short, fixed or swivel



## STAINLESS STEEL BRACKET WITH EYEBOLT AND KNOB

**Material:** body in stainless steel, eyebolt and washer in stainless steel AISI 304, knob in reinforced polyamide with nickel plated brass insert.

| Code            | Ref.         | For rod<br>Ø (mm) |     |
|-----------------|--------------|-------------------|-----|
| <b>13S00001</b> | VG-213-12-01 | 12-13             |     |
| <b>13S00003</b> | VG-213-14-01 | 14                |     |
| <b>13S00005</b> | VG-213-58-01 | 16                | n°4 |
| <b>13S00004</b> | VG-213-20-01 | 20                |     |

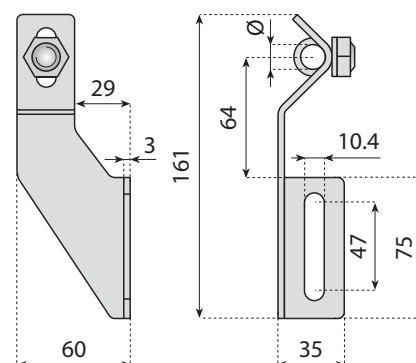


## STAINLESS STEEL BRACKET WITH EYEBOLT AND NUT

**Material:** body in stainless steel, eyebolt and washer in stainless steel AISI 304, knob in reinforced polyamide with nickel plated brass insert.

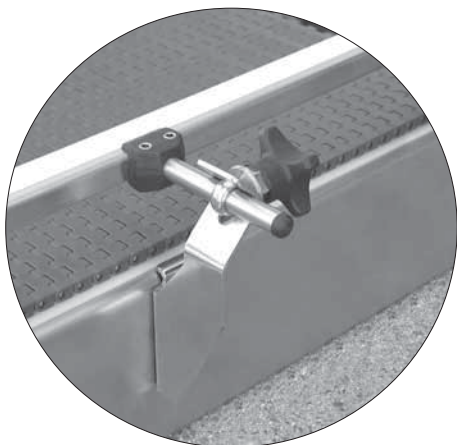
| Code            | Ref.          | For rod<br>Ø (mm) |     |
|-----------------|---------------|-------------------|-----|
| <b>13S00007</b> | VG-213N-12-01 | 12-13             |     |
| <b>13S00008</b> | VG-213N-14-01 | 14                |     |
| <b>13S00010</b> | VG-213N-58-01 | 16                | n°4 |
| <b>13S00009</b> | VG-213N-20-01 | 20*               |     |

\*Ø20 versions can be converted to SpeedSet brackets.



# STAINLESS STEEL GUIDE RAIL BRACKETS

 Preferred type, readily available (codes marked in red)



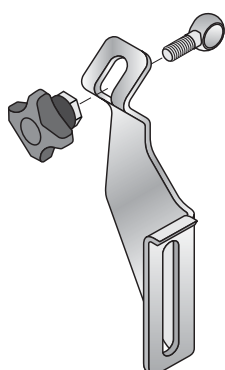
AISI 304  
Stainless steel



Reinforced  
polyamide



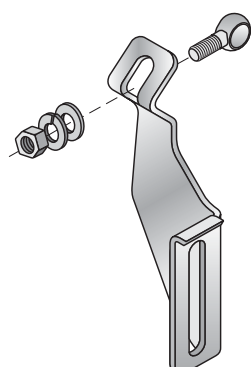
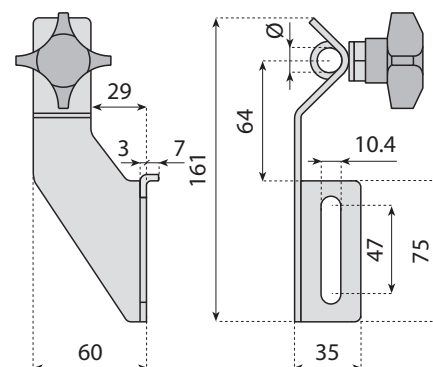
Par. # 6,189,685  
Par. # 6,543,608  
Par. # 6,669,009  
(USA)



## STAINLESS STEEL BRACKETS WITH LIP, EYEBOLT AND KNOB

**Material:** body in stainless steel, eyebolt and washer in stainless steel AISI 304, knob in polyamide with nickel plated brass insert.

| Code            | Ref.          | For rod<br>Ø (mm) |  |
|-----------------|---------------|-------------------|-------------------------------------------------------------------------------------|
| <b>13S00020</b> | VG-213T-12-01 | 12-13             | n°4                                                                                 |
| <b>13S00025</b> | VG-213T-14-01 | 14                |                                                                                     |
| <b>13S00022</b> | VG-213T-58-01 | 16                |                                                                                     |
| <b>13S00021</b> | VG-213T-20-01 | 20                |                                                                                     |

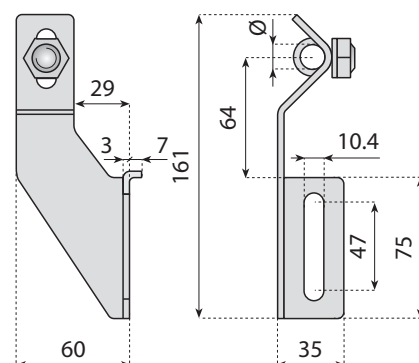


## STAINLESS STEEL BRACKETS WITH LIP, EYEBOLT AND NUT

**Material:** body in stainless steel, eyebolt and washer in stainless steel AISI 304.

| Code            | Ref.           | For rod<br>Ø (mm) |  |
|-----------------|----------------|-------------------|-------------------------------------------------------------------------------------|
| <b>13S00023</b> | VG-213TN-12-01 | 12-13             | n°4                                                                                 |
| <b>13S00026</b> | VG-213TN-14-01 | 14                |                                                                                     |
| <b>13S00024</b> | VG-213TN-58-01 | 16                |                                                                                     |
| <b>13S00027</b> | VG-213TN-20-01 | 20*               |                                                                                     |

\*Ø20 versions can be converted to SpeedSet brackets.



# STAINLESS STEEL GUIDE RAIL BRACKETS

 Preferred type, readily available (codes marked in red)



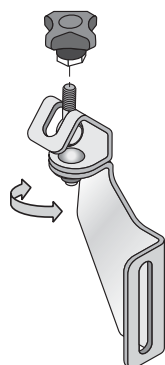
AISI 304  
Stainless steel



Reinforced  
polyamide



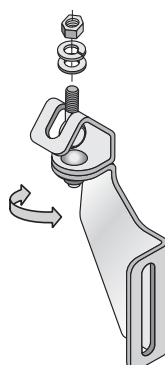
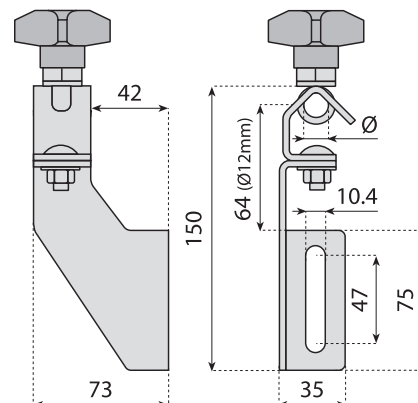
Par. # 6,189,685  
Par. # 6,543,608  
Par. # 6,669,009  
(USA)



## ADJUSTABLE STAINLESS STEEL BRACKETS

**Material:** body in stainless steel, eyebolt and washer in stainless steel AISI 304, knob in polyamide with nickel plated brass insert.

| Code            | Ref.          | For rod Ø (mm) |     |
|-----------------|---------------|----------------|-----|
| <b>13S00011</b> | VG-213R-12-01 | 12-13          |     |
| <b>13S00028</b> | VG-213R-14-01 | 14             |     |
| <b>13S00012</b> | VG-213R-58-01 | 16             | n°4 |
| <b>13S00029</b> | VG-213R-20-01 | 20             |     |

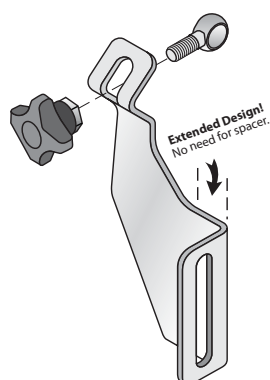
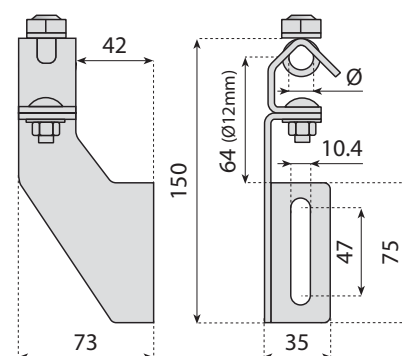


## ADJUSTABLE STAINLESS STEEL BRACKETS

**Material:** body in stainless steel, eyebolt nut and washer in stainless steel AISI 304.

| Code            | Ref.           | For rod Ø (mm) |     |
|-----------------|----------------|----------------|-----|
| <b>13S00032</b> | VG-213RN-12-01 | 12-13          |     |
| <b>13S00033</b> | VG-213RN-14-01 | 14             |     |
| <b>13S00034</b> | VG-213RN-58-01 | 16             | n°4 |
| <b>13S00035</b> | VG-213RN-20-01 | 20*            |     |

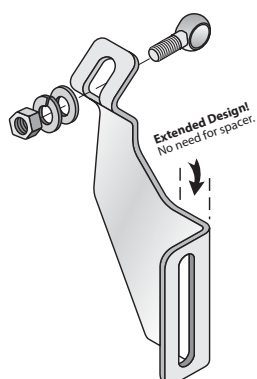
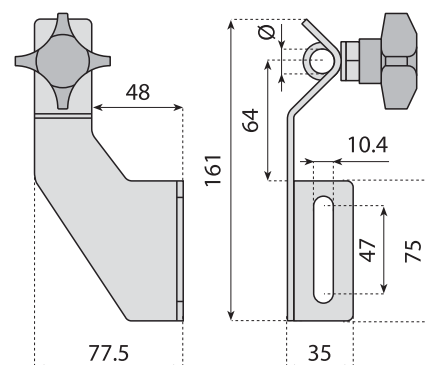
\*Ø20 versions can be converted to SpeedSet brackets.



## STAINLESS STEEL GUIDE RAIL BRACKETS

**Material:** body in stainless steel, eyebolt and washer in stainless steel AISI 304, knob in polyamide with nickel plated brass insert.

| Code            | Ref.         | For rod Ø (mm) |     |
|-----------------|--------------|----------------|-----|
| <b>13S00002</b> | VG-213-12-02 | 12-13          |     |
| <b>13S00030</b> | VG-213-14-02 | 14             |     |
| <b>13S00006</b> | VG-213-58-02 | 16             | n°4 |
| <b>13S00031</b> | VG-213-20-02 | 20             |     |

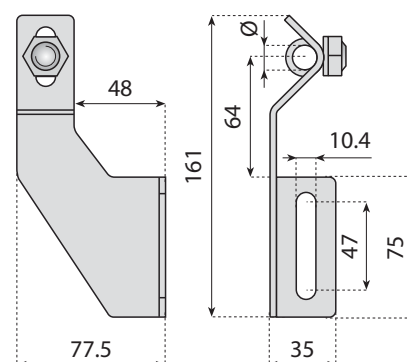


## STAINLESS STEEL GUIDE RAIL BRACKETS

**Material:** body in stainless steel, eyebolt nut and washer in stainless steel AISI 304.

| Code            | Ref.          | For rod Ø (mm) |     |
|-----------------|---------------|----------------|-----|
| <b>13S00036</b> | VG-213N-12-02 | 12-13          |     |
| <b>13S00037</b> | VG-213N-14-02 | 14             |     |
| <b>13S00038</b> | VG-213N-58-02 | 16             | n°4 |
| <b>13S00039</b> | VG-213N-20-02 | 20*            |     |

\*Ø20 versions can be converted to SpeedSet brackets.



# STAINLESS STEEL GUIDE RAIL BRACKETS

 Preferred type, readily available (codes marked in red)



Heavy duty



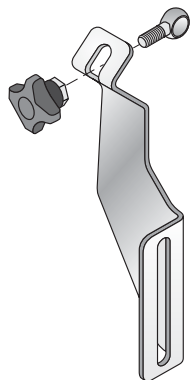
AISI 304  
Stainless steel



Reinforced  
polyamide



Par. # 6,189,685  
Par. # 6,669,009  
(USA)

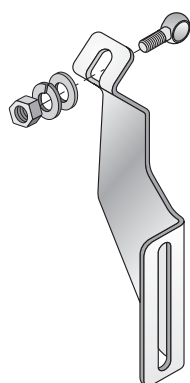
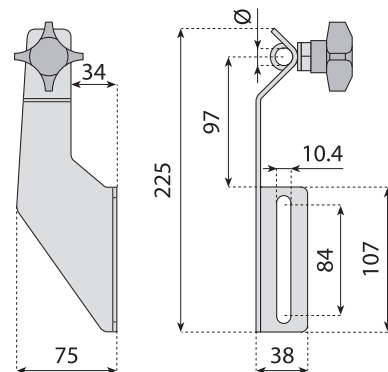


## STAINLESS STEEL GUIDE RAIL BRACKETS

**Material:** body in stainless steel, eyebolt and washer in stainless steel AISI 304, knob in reinforced polyamide with nickel plated brass insert.

**Characteristics:** Heavy duty

| Code            | Ref.         | For rod<br>Ø (mm) |     |
|-----------------|--------------|-------------------|-----|
| <b>13S00050</b> | VG-223-12-01 | 12-13             | n°4 |
| <b>13S00052</b> | VG-223-14-01 | 14                |     |
| <b>13S00055</b> | VG-223-58-01 | 16                |     |
| <b>13S00040</b> | VG-223-20-01 | 20                |     |



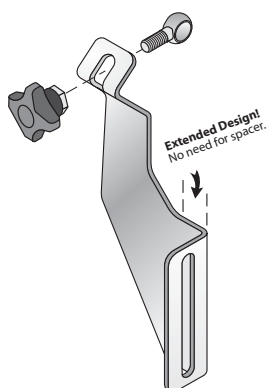
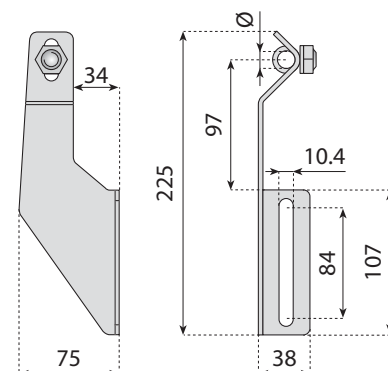
## STAINLESS STEEL GUIDE RAIL BRACKETS

**Material:** body in stainless steel, eyebolt nut and washer in stainless steel AISI 304.

**Characteristics:** Heavy duty

| Code            | Ref.          | For rod<br>Ø (mm) |     |
|-----------------|---------------|-------------------|-----|
| <b>13S00057</b> | VG-223N-12-01 | 12-13             | n°4 |
| <b>13S00041</b> | VG-223N-14-01 | 14                |     |
| <b>13S00058</b> | VG-223N-58-01 | 16                |     |
| <b>13S00042</b> | VG-223N-20-01 | 20*               |     |

\*Ø20 versions can be converted to SpeedSet brackets.

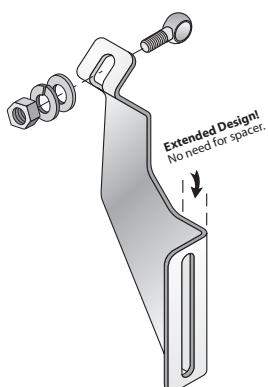
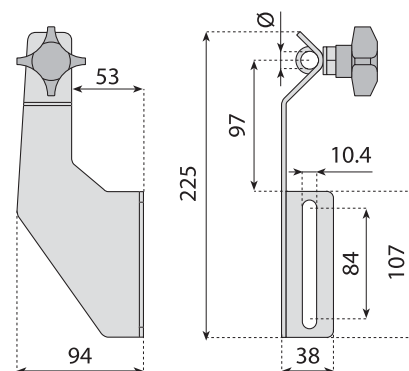


## STAINLESS STEEL GUIDE RAIL BRACKETS

**Material:** body in stainless steel, eyebolt and washer in stainless steel AISI 304, knob in reinforced polyamide with nickel plated brass insert.

**Characteristics:** Heavy duty

| Code            | Ref.         | For rod<br>Ø (mm) |     |
|-----------------|--------------|-------------------|-----|
| <b>13S00051</b> | VG-223-12-02 | 12-13             | n°4 |
| <b>13S00053</b> | VG-223-14-02 | 14                |     |
| <b>13S00056</b> | VG-223-58-02 | 16                |     |
| <b>13S00054</b> | VG-223-20-02 | 20                |     |



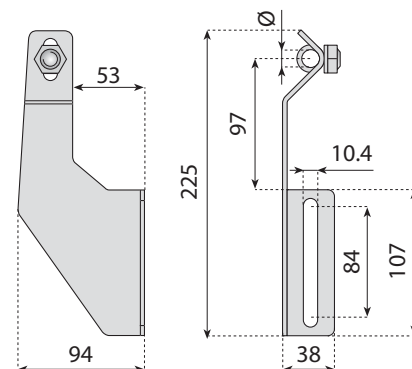
## STAINLESS STEEL GUIDE RAIL BRACKETS

**Material:** body in stainless steel, eyebolt nut and washer in stainless steel AISI 304.

**Characteristics:** Heavy duty

| Code            | Ref.          | For rod<br>Ø (mm) |     |
|-----------------|---------------|-------------------|-----|
| <b>13S00046</b> | VG-223N-12-02 | 12-13             | n°4 |
| <b>13S00047</b> | VG-223N-14-02 | 14                |     |
| <b>13S00048</b> | VG-223N-58-02 | 16                |     |
| <b>13S00049</b> | VG-223N-20-02 | 20*               |     |

\*Ø20 versions can be converted to SpeedSet brackets.



# STAINLESS STEEL GUIDE RAIL BRACKETS

 Preferred type, readily available (codes marked in red)



Heavy duty



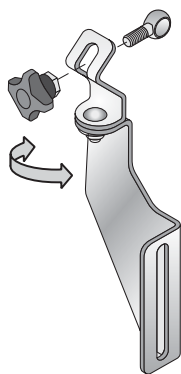
AISI 304  
Stainless steel



Reinforced  
polyamide



Par. # 6,189,685  
Par. # 6,669,009  
(USA)



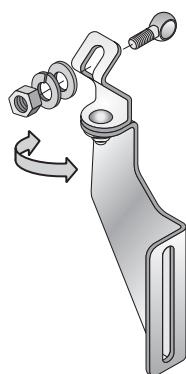
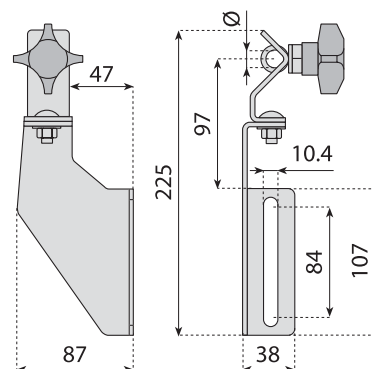
## STAINLESS STEEL GUIDE RAIL BRACKETS

**Material:** body in stainless steel, eyebolt and washer in stainless steel AISI 304, knob in reinforced polyamide with nickel plated brass insert.

**Characteristics:** Heavy duty

| Code            | Ref.          | For rod Ø (mm) |     |
|-----------------|---------------|----------------|-----|
| <b>13S00059</b> | VG-223R-12-01 | 12-13          | n°4 |
| <b>13S00060</b> | VG-223R-14-01 | 14             |     |
| <b>13S00062</b> | VG-223R-58-01 | 16             |     |
| <b>13S00061</b> | VG-223R-20-01 | 20*            |     |

\*Ø20 versions can be converted to SpeedSet brackets.



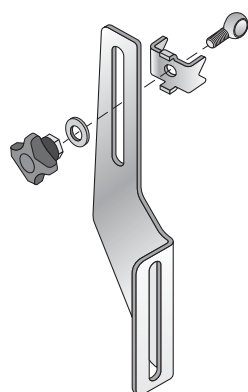
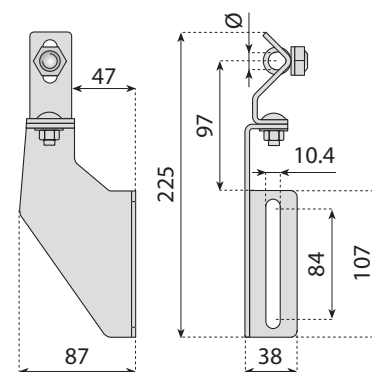
## ADJUSTABLE STAINLESS STEEL GUIDE RAIL BRACKETS

**Material:** body in stainless steel, eyebolt nut and washer in stainless steel AISI 304.

**Characteristics:** Heavy duty

| Code            | Ref.           | For rod Ø (mm) |     |
|-----------------|----------------|----------------|-----|
| <b>13S00064</b> | VG-223RN-12-01 | 12-13          | n°4 |
| <b>13S00043</b> | VG-223RN-14-01 | 14             |     |
| <b>13S00044</b> | VG-223RN-58-01 | 16             |     |
| <b>13S00045</b> | VG-223RN-20-01 | 20*            |     |

\*Ø20 versions can be converted to SpeedSet brackets.

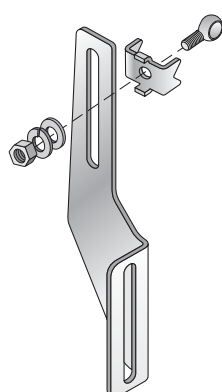
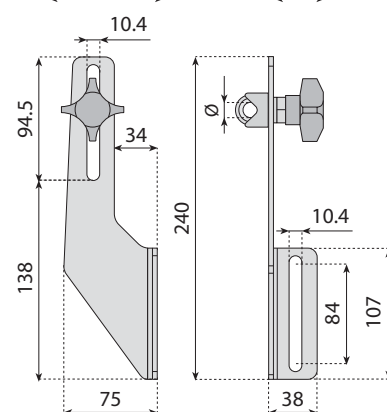


## STAINLESS STEEL GUIDE RAIL BRACKETS

**Material:** body in stainless steel, eyebolt and washer in stainless steel AISI 304, knob in reinforced polyamide with nickel plated brass insert.

**Characteristics:** Heavy duty

| Code            | Ref.          | For rod Ø (mm) |     |
|-----------------|---------------|----------------|-----|
| <b>13S00080</b> | VG-223F-12-01 | 12-13          | n°4 |
| <b>13S00081</b> | VG-223F-14-01 | 14             |     |
| <b>13S00082</b> | VG-223F-58-01 | 16             |     |
| <b>13S00083</b> | VG-223F-20-01 | 20             |     |



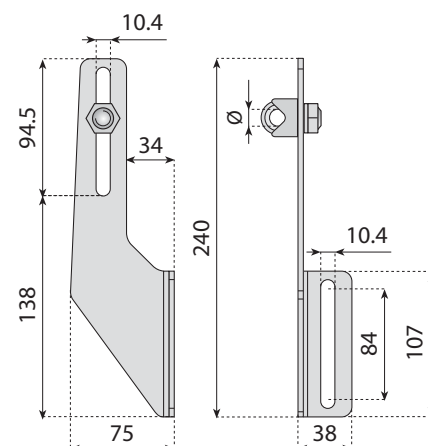
## STAINLESS STEEL GUIDE RAIL BRACKETS

**Material:** body in stainless steel, eyebolt nut and washer in stainless steel AISI 304.

**Characteristics:** Heavy duty

| Code            | Ref.           | For rod Ø (mm) |     |
|-----------------|----------------|----------------|-----|
| <b>13S00084</b> | VG-223FN-12-01 | 12-13          | n°4 |
| <b>13S00085</b> | VG-223FN-14-01 | 14             |     |
| <b>13S00086</b> | VG-223FN-58-01 | 16             |     |
| <b>13S00087</b> | VG-223FN-20-01 | 20*            |     |

\*Ø20 versions can be converted to SpeedSet brackets.



# STAINLESS STEEL GUIDE RAIL BRACKETS

 Preferred type, readily available (codes marked in red)



Stainless steel



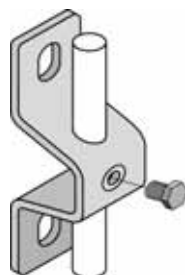
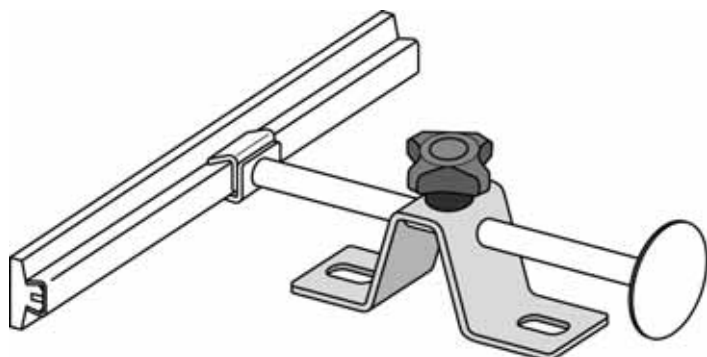
Reinforced polyamide



For use in high temperatures



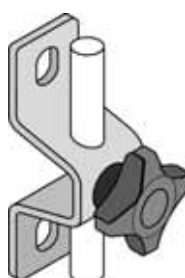
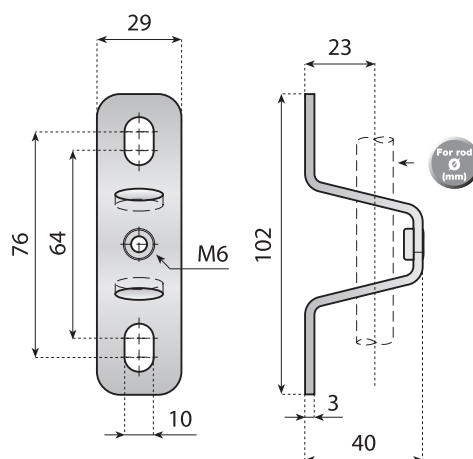
No tools required



## STAINLESS STEEL GUIDE RAIL BRACKETS

**Material:** body in stainless steel, insert in nickel plated brass, screw in stainless steel

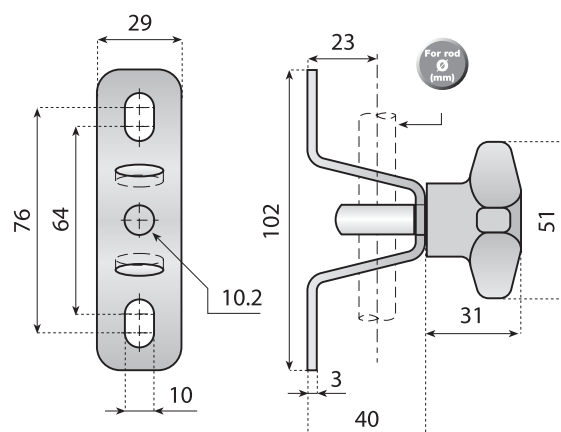
| Code            | Ref.          | For rod Ø (mm) | Icon |
|-----------------|---------------|----------------|------|
| <b>13S00105</b> | VG-254MB-S-12 | 12-13          | n°10 |



## STAINLESS STEEL GUIDE RAIL BRACKETS

**Material:** body in stainless steel, eyebolt and washer in stainless steel, knob in reinforced polyamide with nickel plated brass insert.

| Code            | Ref.         | For rod Ø (mm) | Icon |
|-----------------|--------------|----------------|------|
| <b>13S00104</b> | VG-254K-S-12 | 12-13          | n°10 |



# STAINLESS STEEL GUIDE RAIL BRACKETS

 Preferred type, readily available (codes marked in red)



Stainless steel



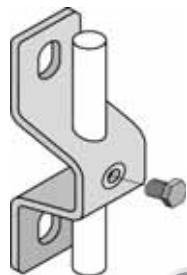
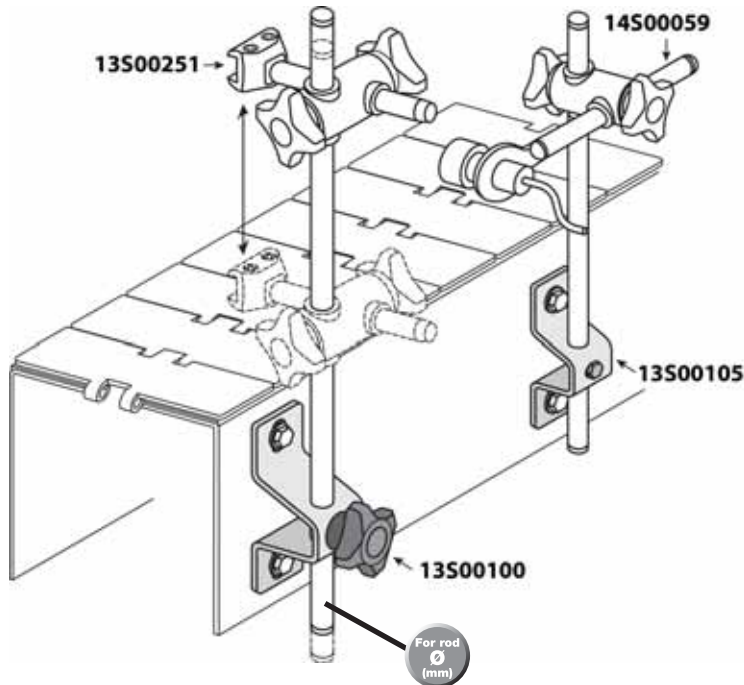
Reinforced polyamide



For use in high temperatures



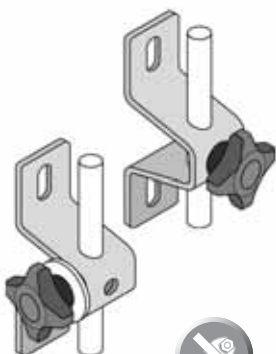
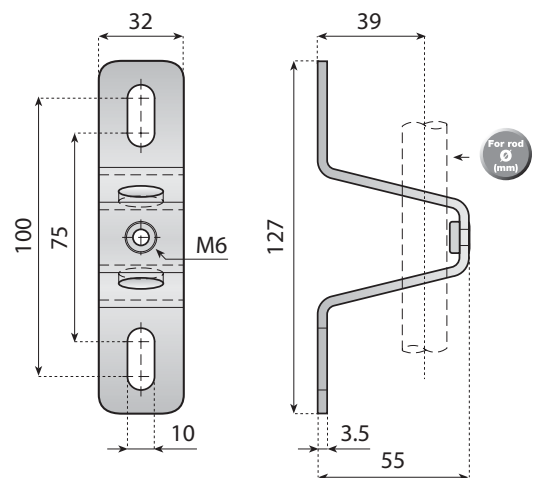
No tools required



## STAINLESS STEEL GUIDE RAIL BRACKETS

**Material:** body in stainless steel, screw in stainless steel, insert in nickel plated brass.

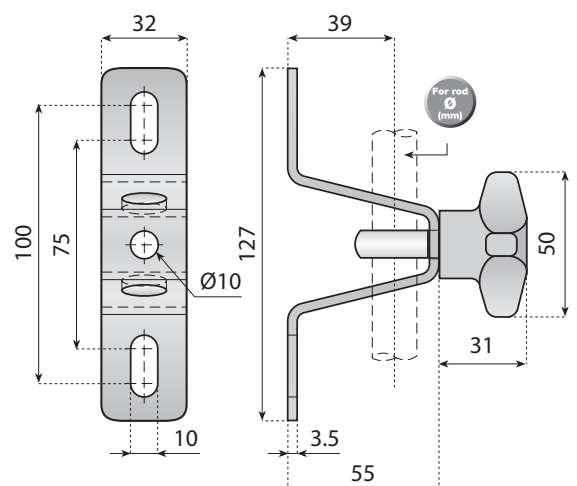
| Code            | Ref.          | For rod Ø (mm) |      |
|-----------------|---------------|----------------|------|
| <b>13S00102</b> | VG-253MB-S-12 | 12-13          | n°10 |
| <b>13S00103</b> | VG-253MB-S-58 | 16             |      |



## STAINLESS STEEL GUIDE RAIL BRACKETS

**Material:** body in stainless steel, eyebolt and washer in stainless steel, knob in reinforced polyamide with nickel plated brass insert.

| Code                | Ref. | For rod Ø (mm) |      |
|---------------------|------|----------------|------|
| <b>VG-253K-S-12</b> |      | 12-13          | n°10 |
| <b>VG-253K-S-58</b> |      | 16             |      |



# POLYAMIDE BRACKET

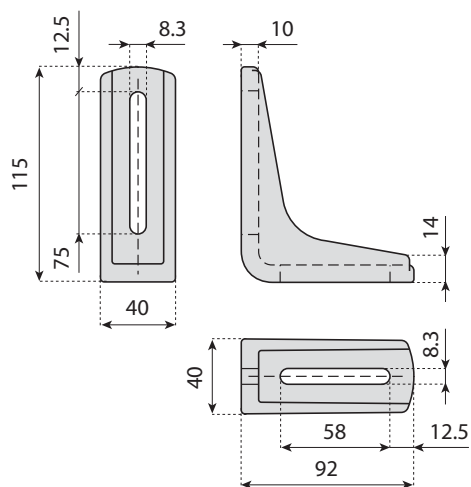
 Preferred type, readily available (codes marked in red)



Polyamide



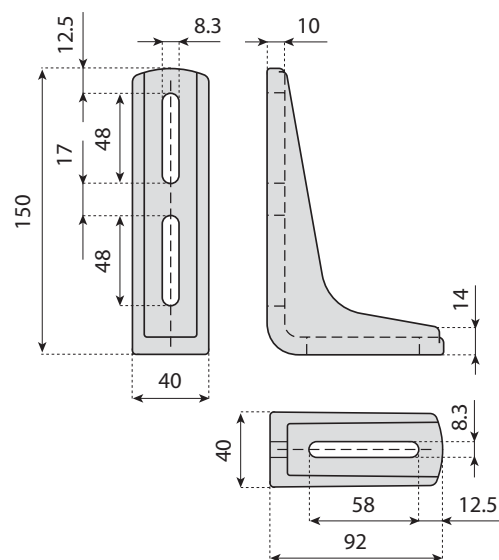
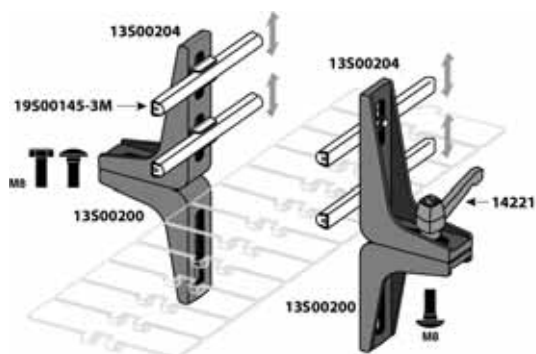
Accessories



## SINGLE SLOT BRACKET

| Code            | Ref.        |  | Material |  |
|-----------------|-------------|------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------|
| <b>13S00200</b> | VG-245-H-BK | n°10                                                                               | PA       | Black                                                                              |
| <b>13S00203</b> | VG-245-H-GR |                                                                                    |          | Grey                                                                               |

Hardware not included



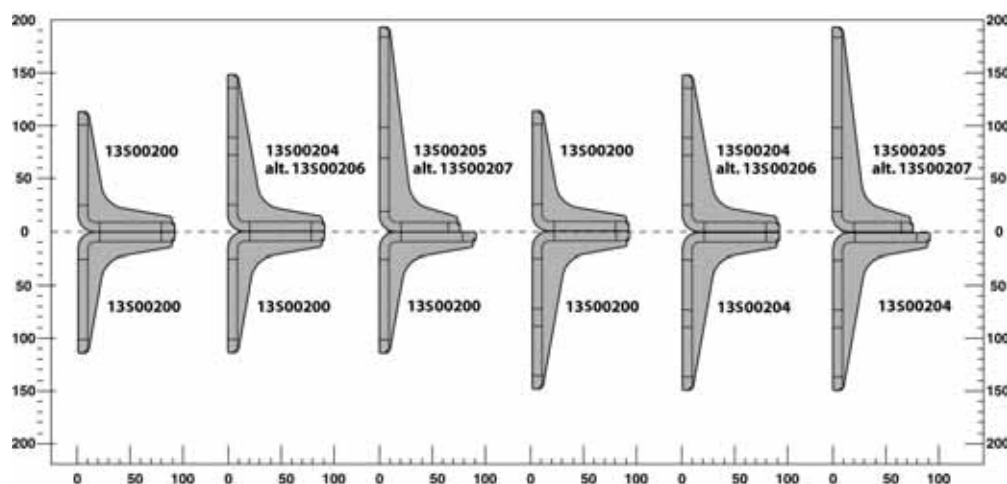
## DOUBLE SLOT BRACKET

| Code            | Ref.        |  | Material |  |
|-----------------|-------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|
| <b>13S00204</b> | VG-245-J-BK | n°10                                                                                  | PA       | Black                                                                                 |
| <b>13S00340</b> | VG-245-J-GR |                                                                                       |          | Grey                                                                                  |

Hardware not included



## Combinations



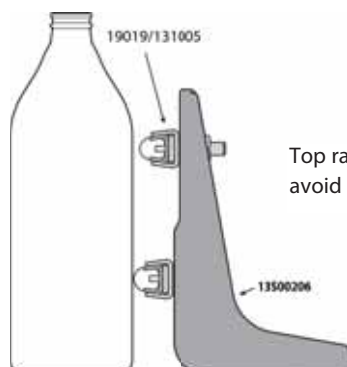
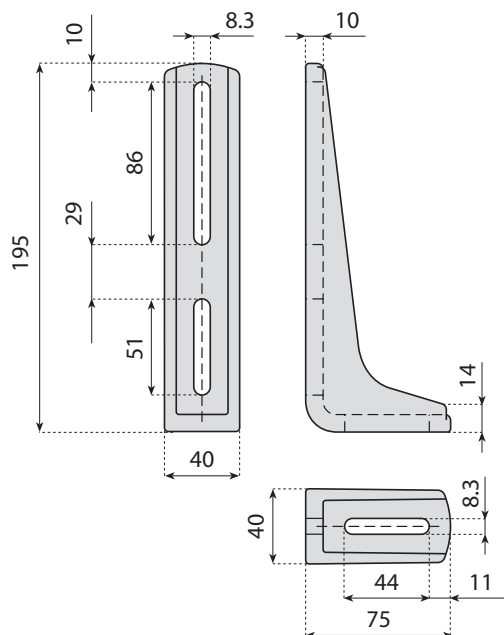
 Preferred type, readily available (codes marked in red)



Polyamide



Accessories

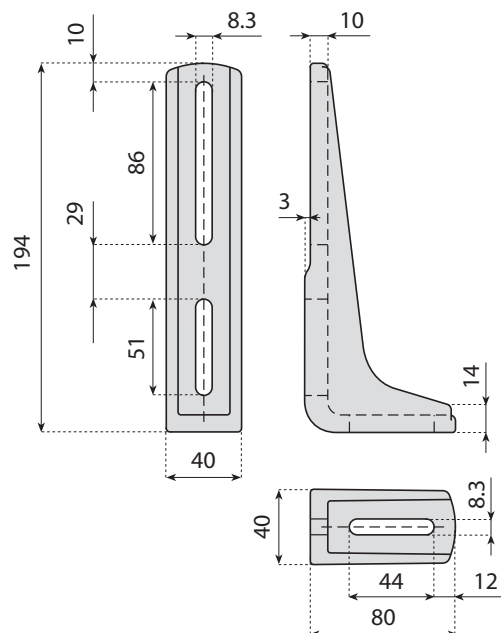
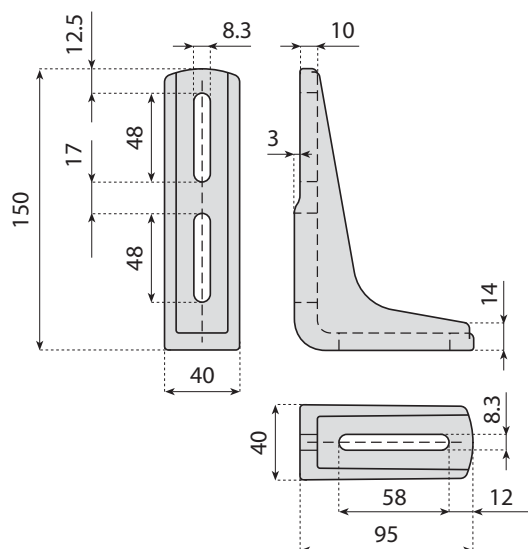


Top rail is intentionally set back to avoid container contact.

## DOUBLE SLOT BRACKET

| Code            | Ref.        |  |  |  |
|-----------------|-------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>13S00205</b> | VG-245-K-BK | n°10                                                                                 | PA                                                                                   | Black                                                                                |
| <b>13S00341</b> | VG-245-K-GR |                                                                                      |                                                                                      | Grey                                                                                 |

Hardware not included



## DOUBLE SLOT BRACKET

| Code            | Ref.        |  |  |  |
|-----------------|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>13S00206</b> | VG-245-L-BK | n°10                                                                                | PA                                                                                  | Black                                                                               |
| <b>13S00342</b> | VG-245-L-GR |                                                                                     |                                                                                     | Grey                                                                                |

Hardware not included

## DOUBLE SLOT BRACKET

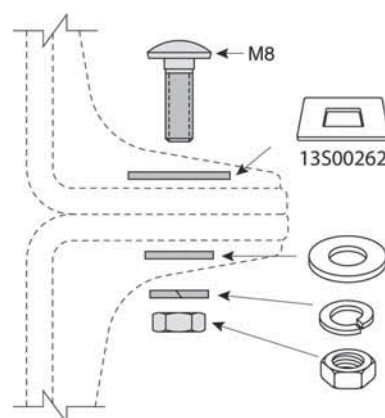
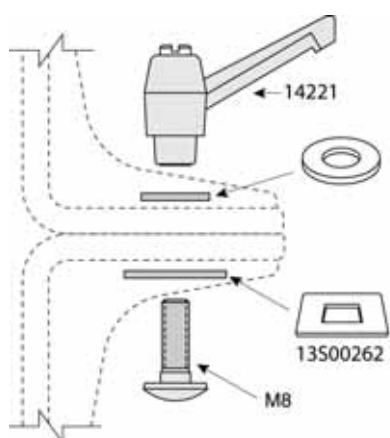
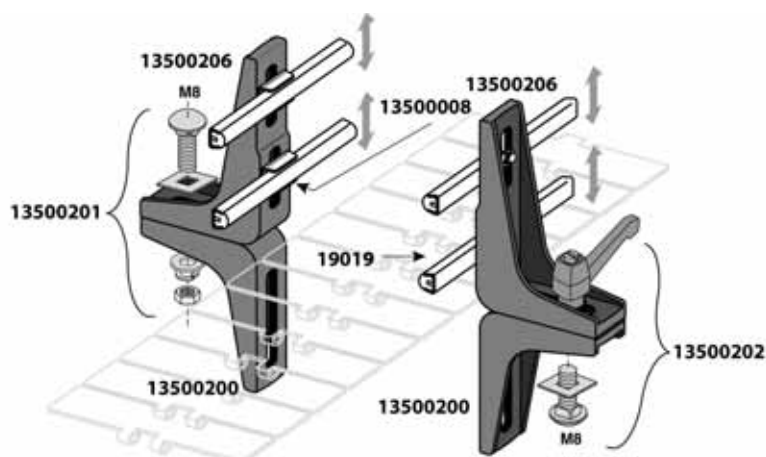
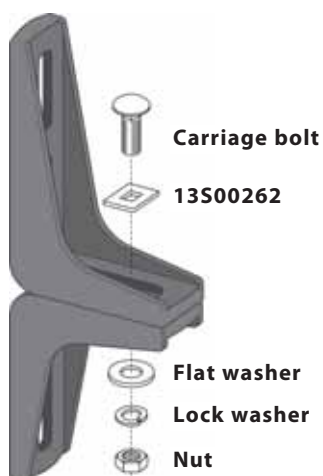
| Code            | Ref.        |  |  |  |
|-----------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>13S00207</b> | VG-245-M-BK | n°10                                                                                  | PA                                                                                    | Black                                                                                 |
| <b>13S00343</b> | VG-245-M-GR |                                                                                       |                                                                                       | Grey                                                                                  |

Hardware not included

 Preferred type, readily available (codes marked in red)



Stainless steel



## HARDWARE ASSEMBLIES

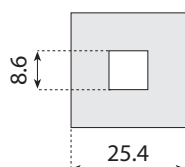
| Code     | Ref.             |  |  |
|----------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 13500202 | VG-245-HDW-02-M8 | n°10                                                                                | SS                                                                                  |

## HARDWARE ASSEMBLIES

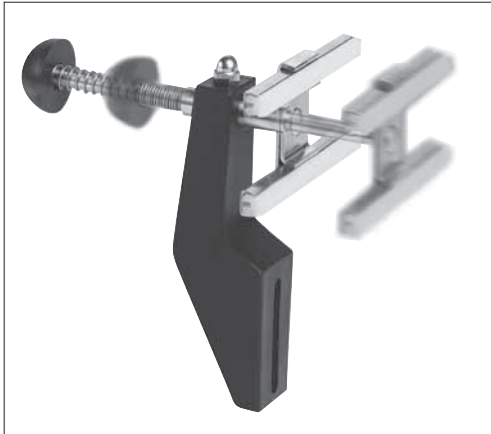
| Code     | Ref.             |  |  |
|----------|------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 13500201 | VG-245-HDW-03-M8 | n°10                                                                                  | SS                                                                                    |

## STAINLESS STEEL SQUARE WASHER

Stainless steel square washer (13500262) recommended for use with M8 carriage bolts.



| Code     | Ref.         |  |  |
|----------|--------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 13500262 | VG-245-WSH-S | n°10                                                                                  | SS                                                                                    |



## SPEEDSET™

Adjusts to 3 container sizes! SpeedSet™ brackets offer preset conveyor guide rail adjustability that is fast and accurate without the need for tools. A simple push on the end knob moves the pin, clamp and guide rail. Spacing blocks, cut to the length needed, accurately hold the pin and guide rail in position.



Saves time  
and money

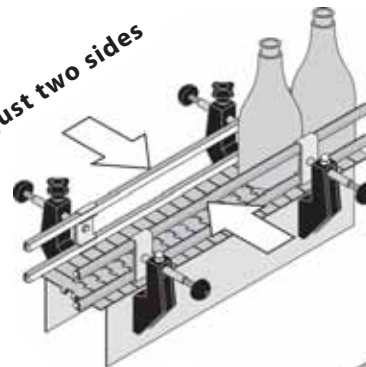


No tools  
required

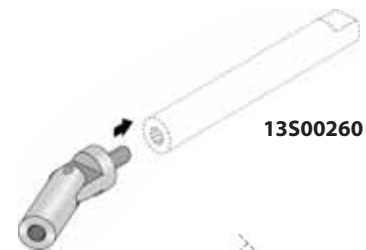
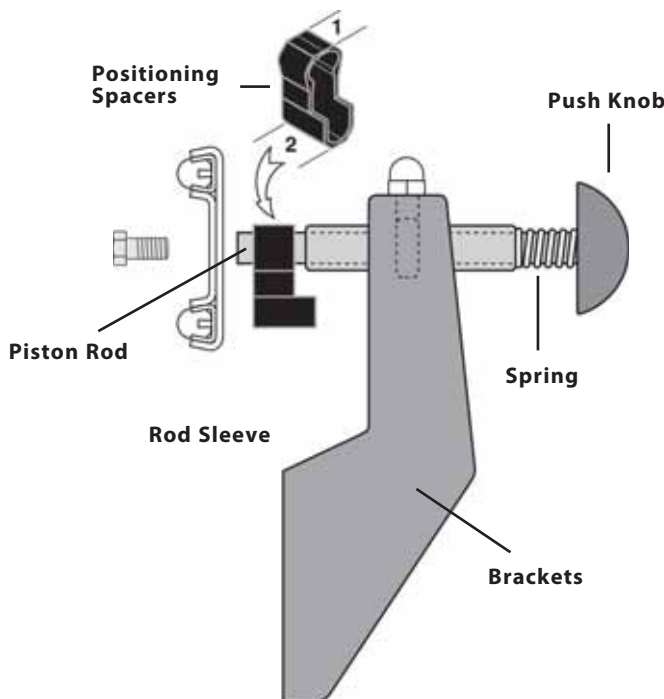
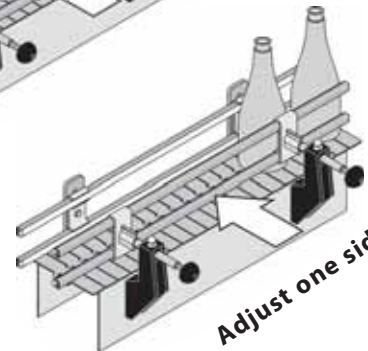


Par. # 5,819,911  
Par. # 5,967,295  
Par. # 6,135,271  
Par. # 6,533,110  
(USA)

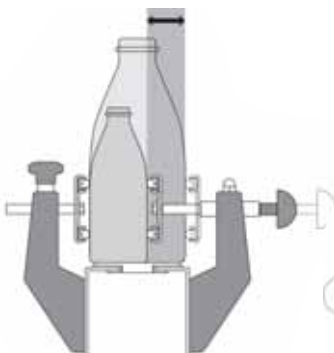
Adjust two sides



Adjust one sides

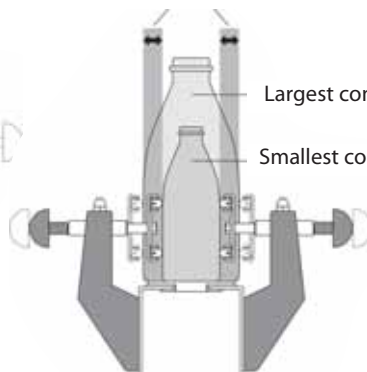


Range of travel

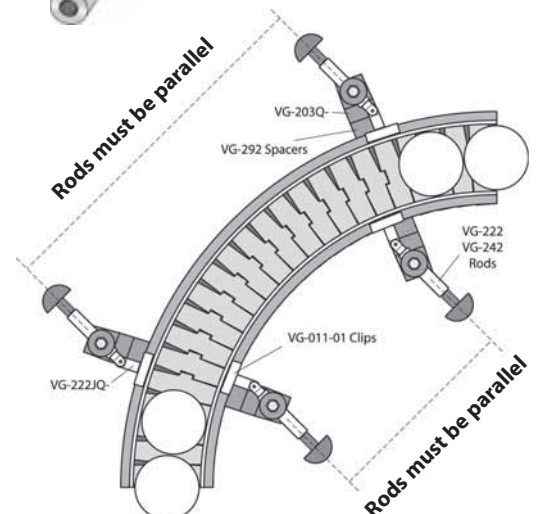


Single side  
adjusting

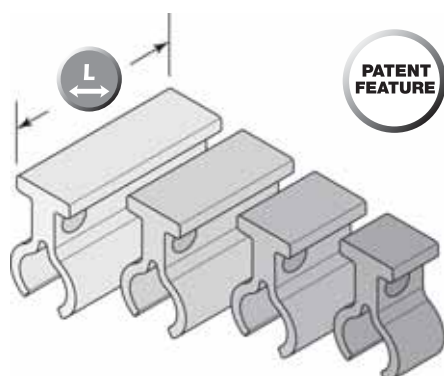
Range of travel



Double side  
adjusting

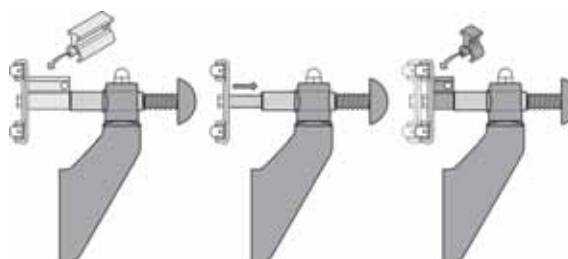


 Preferred type, readily available (codes marked in red)

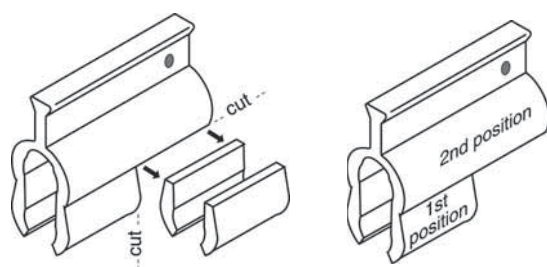


## QSC - COLOR CLIP

Can be connected to the bracket or the machine with the VG-QT tether.

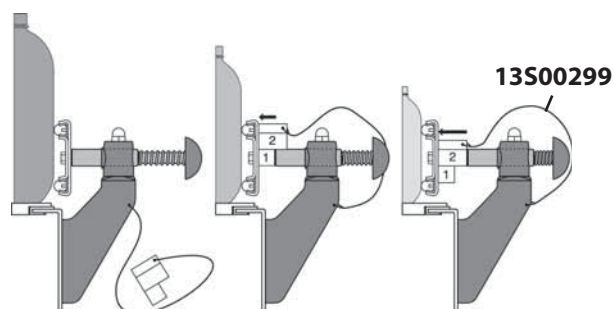


| Code            | Ref.       |  |  |  |
|-----------------|------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>13S00292</b> | VG-QSC-10M | 10 mm                                                                               | n°10                                                                                | Red                                                                                 |
| <b>13S00293</b> | VG-QSC-12M | 12 mm                                                                               |                                                                                     | Blue                                                                                |
| <b>13S00294</b> | VG-QSC-16M | 16 mm                                                                               |                                                                                     | Black                                                                               |
| <b>13S00295</b> | VG-QSC-20M | 20 mm                                                                               |                                                                                     | Green                                                                               |
| <b>13S00296</b> | VG-QSC-25M | 25 mm                                                                               |                                                                                     | Purple                                                                              |
| <b>13S00297</b> | VG-QSC-30M | 30 mm                                                                               |                                                                                     | Orange                                                                              |
| <b>13S00298</b> | VG-QSC-40M | 40 mm                                                                               |                                                                                     | Gray                                                                                |

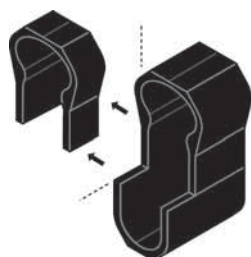


## QSB - CLIP-ON SPACER

Cut to length as needed. Can be connected to the bracket or the machine with the VG-QT tether. Also available in bars of 450 mm.



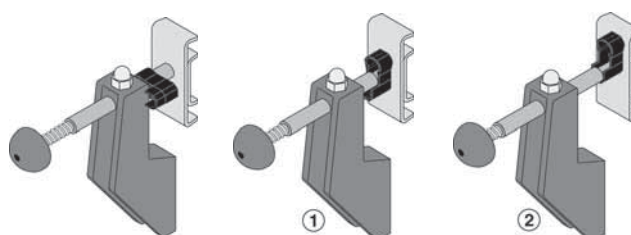
| Code            | Ref.        |  |  |
|-----------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>13S00288</b> | VG-QSB-25M  | 25 mm                                                                                 | n°10                                                                                  |
| <b>13S00289</b> | VG-QSB-40M  | 40 mm                                                                                 | n°10                                                                                  |
| <b>13S00291</b> | VG-QSB-65M  | 65 mm                                                                                 | n°10                                                                                  |
| <b>13S00290</b> | VG-QSB-450M | 450 mm                                                                                | n°1                                                                                   |
| <b>13S00299</b> | VG-QT-01    | 225 mm                                                                                | n°10                                                                                  |



Par. # 6,533,110  
(USA)

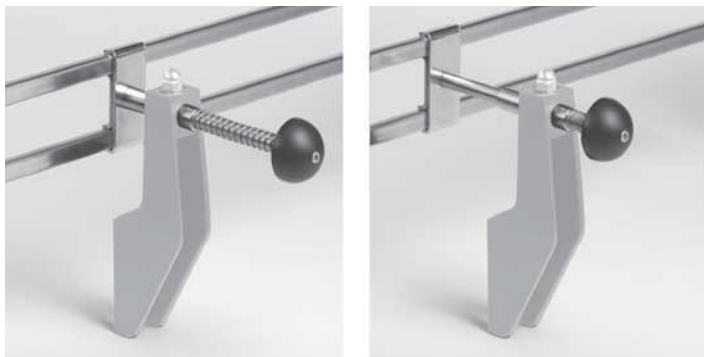
## QPC - COLLAR POSITIONING SPACER

Cut to length as needed. Hangs free on the pin when not in use. Available in 450mm lengths.



| Code            | Ref.        |  |  |
|-----------------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>13S00284</b> | VG-QPC-25M  | 25 mm                                                                                 | n°10                                                                                  |
| <b>13S00285</b> | VG-QPC-40M  | 40 mm                                                                                 | n°10                                                                                  |
| <b>13S00287</b> | VG-QPC-65M  | 65 mm                                                                                 | n°10                                                                                  |
| <b>13S00286</b> | VG-QPC-450M | 450 mm                                                                                | n°1                                                                                   |

 Preferred type, readily available (codes marked in red)



**PATENT  
FEATURE**

**SPEEDSET™ CARTRIDGES**  
Adjustment range (travel)



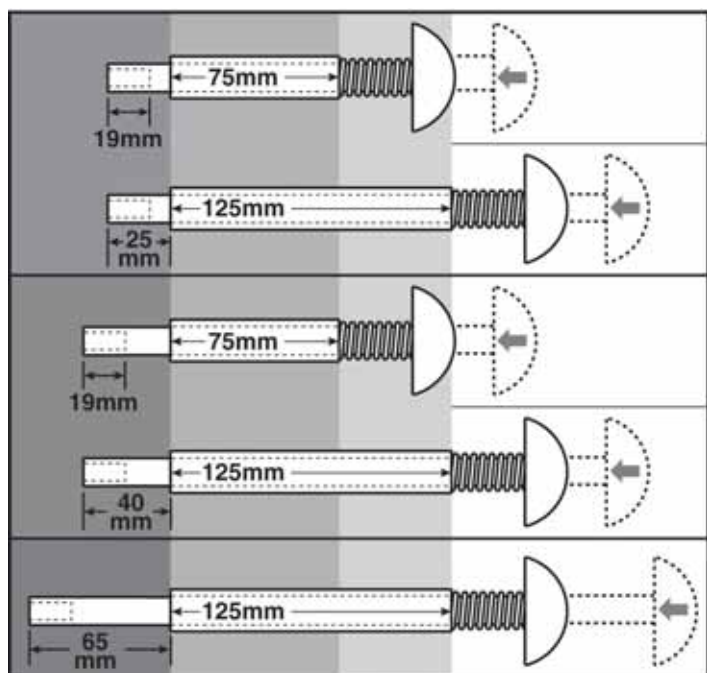
Saves time  
and money



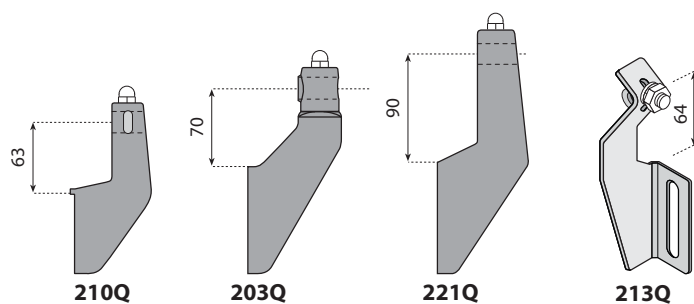
No tools  
required



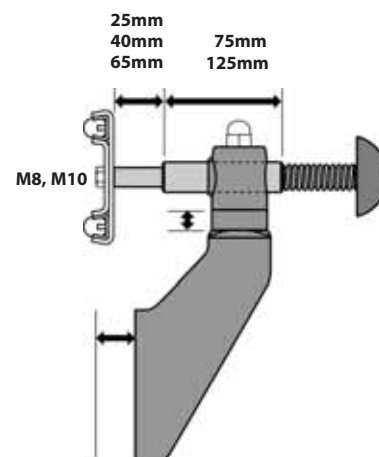
Size  
hex head bolt



| Travel    | Code            | Ref.           |  |
|-----------|-----------------|----------------|-------------------------------------------------------------------------------------|
| 0 - 25 mm | <b>13S00275</b> | VG-Q-03-10-M8  | M8                                                                                  |
|           | <b>13S00274</b> | VG-Q-03-10-M10 | M10                                                                                 |
| 0 - 25 mm | <b>13S00279</b> | VG-Q-05-10-M8  | M8                                                                                  |
|           | <b>13S00278</b> | VG-Q-05-10-M10 | M10                                                                                 |
| 0 - 40 mm | <b>13S00277</b> | VG-Q-03-15-M8  | M8                                                                                  |
|           | <b>13S00276</b> | VG-Q-03-15-M10 | M10                                                                                 |
| 0 - 40 mm | <b>13S00281</b> | VG-Q-05-15-M8  | M8                                                                                  |
|           | <b>13S00280</b> | VG-Q-05-15-M10 | M10                                                                                 |
| 0 - 65 mm | <b>13S00283</b> | VG-Q-05-25-M8  | M8                                                                                  |
|           | <b>13S00282</b> | VG-Q-05-25-M10 | M10                                                                                 |



**SPEEDSET OPTIONS**





Accessories



Stainless steel

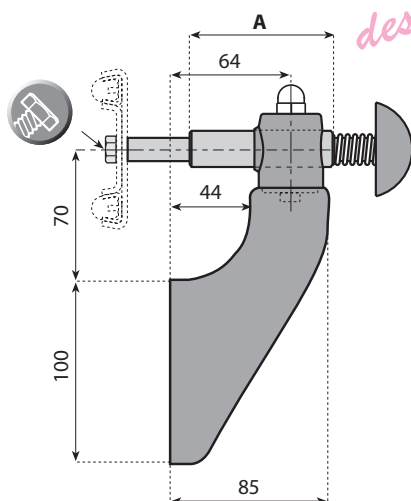


Polyamide



Size  
hex head bolt

*New design*

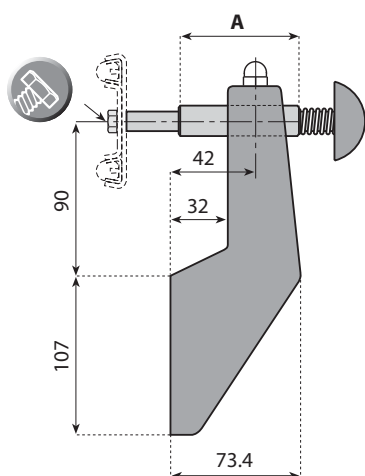


## SWIVEL TOP POLYAMIDE SPEEDSET BRACKETS

**Material:** Push knob and brackets in polyamide; spring in stainless steel.

| Travel    | Code     | Ref.              | A   |     |     |
|-----------|----------|-------------------|-----|-----|-----|
| 0 - 25 mm | 13S00300 | VG-203Q-03-10-M8  | 75  | M8  | n°4 |
|           | 13S00263 | VG-203Q-03-10-M10 | 75  | M10 |     |
|           | 13S00302 | VG-203Q-05-10-M8  | 125 | M8  |     |
|           | 13S00301 | VG-203Q-05-10-M10 | 125 | M10 |     |
| 0 - 40 mm | 13S00264 | VG-203Q-03-15-M8  | 75  | M8  | n°4 |
|           | 13S00303 | VG-203Q-03-15-M10 | 75  | M10 |     |
|           | 13S00304 | VG-203Q-05-15-M8  | 125 | M8  |     |
|           | 13S00265 | VG-203Q-05-15-M10 | 125 | M10 |     |
| 0 - 65 mm | 13S00267 | VG-203Q-05-25-M8  | 125 | M8  | n°4 |
|           | 13S00266 | VG-203Q-05-25-M10 | 125 | M10 |     |

\* Collar Positioning Spacer Included with each SpeedSet Bracket !

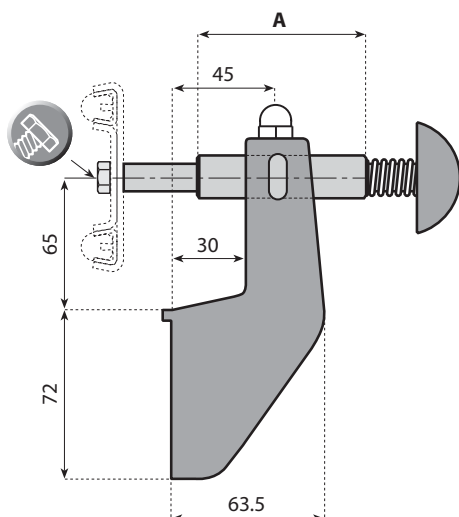


## POLYAMIDE SPEEDSET BRACKETS

**Material:** Push knob and brackets in polyamide; spring in stainless steel.

| Travel    | Code     | Ref.              | A   |     |     |
|-----------|----------|-------------------|-----|-----|-----|
| 0 - 25 mm | 13S00271 | VG-221Q-03-10-M8  | 75  | M8  | n°4 |
|           | 13S00270 | VG-221Q-03-10-M10 | 75  | M10 |     |
|           | 13S00335 | VG-221Q-05-10-M8  | 125 | M8  |     |
|           | 13S00334 | VG-221Q-05-10-M10 | 125 | M10 |     |
| 0 - 40 mm | 13S00337 | VG-221Q-03-15-M8  | 75  | M8  | n°4 |
|           | 13S00336 | VG-221Q-03-15-M10 | 75  | M10 |     |
|           | 13S00339 | VG-221Q-05-15-M8  | 125 | M8  |     |
|           | 13S00338 | VG-221Q-05-15-M10 | 125 | M10 |     |
| 0 - 65 mm | 13S00273 | VG-221Q-05-25-M8  | 125 | M8  | n°4 |
|           | 13S00272 | VG-221Q-05-25-M10 | 125 | M10 |     |

\* Collar Positioning Spacer Included with each SpeedSet Bracket !



## POLYAMIDE SPEEDSET BRACKETS

**Material:** Push knob and brackets in polyamide; spring in stainless steel.

| Travel    | Code     | Ref.              | A   |     |     |
|-----------|----------|-------------------|-----|-----|-----|
| 0 - 25 mm | 13S00325 | VG-210Q-03-10-M8  | 75  | M8  | n°4 |
|           | 13S00324 | VG-210Q-03-10-M10 | 75  | M10 |     |
|           | 13S00327 | VG-210Q-05-10-M8  | 125 | M8  |     |
|           | 13S00326 | VG-210Q-05-10-M10 | 125 | M10 |     |
| 0 - 40 mm | 13S00329 | VG-210Q-03-15-M8  | 75  | M8  | n°4 |
|           | 13S00328 | VG-210Q-03-15-M10 | 75  | M10 |     |
|           | 13S00331 | VG-210Q-05-15-M8  | 125 | M8  |     |
|           | 13S00330 | VG-210Q-05-15-M10 | 125 | M10 |     |
| 0 - 65 mm | 13S00333 | VG-210Q-05-25-M8  | 125 | M8  | n°4 |
|           | 13S00332 | VG-210Q-05-25-M10 | 125 | M10 |     |

\* Collar Positioning Spacer Included with each SpeedSet Bracket !



Accessories



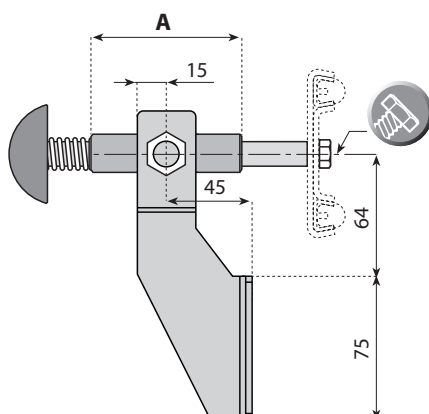
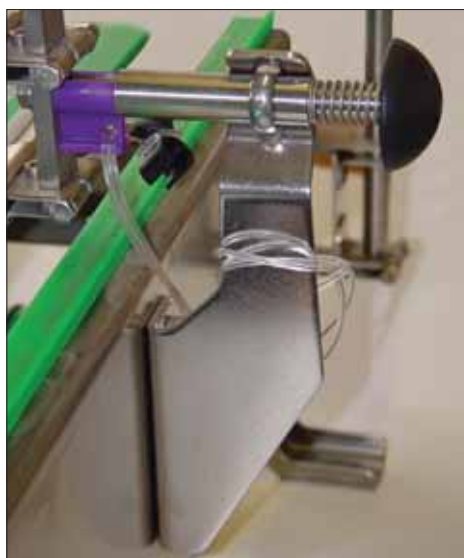
Stainless steel



Polyamide



Size  
hex head bolt

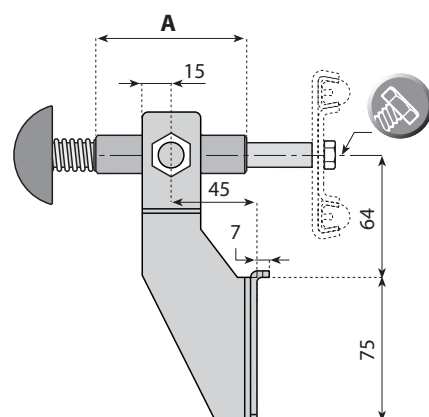


## STAINLESS STEEL SPEEDSET BRACKETS

**Material:** Brackets and spring in stainless steel; push in polyamide.

| Travel    | Code     | Ref.              | A   |     |     |
|-----------|----------|-------------------|-----|-----|-----|
| 0 - 25 mm | 13S00269 | VG-213Q-03-10-M8  | 75  | M8  | n°4 |
|           | 13S00305 | VG-213Q-03-10-M10 | 75  | M10 |     |
|           | 13S00307 | VG-213Q-05-10-M8  | 125 | M8  |     |
|           | 13S00306 | VG-213Q-05-10-M10 | 125 | M10 |     |
| 0 - 40 mm | 13S00309 | VG-213Q-03-15-M8  | 75  | M8  | n°4 |
|           | 13S00308 | VG-213Q-03-15-M10 | 75  | M10 |     |
|           | 13S00311 | VG-213Q-05-15-M8  | 125 | M8  |     |
|           | 13S00310 | VG-213Q-05-15-M10 | 125 | M10 |     |
| 0 - 65 mm | 13S00313 | VG-213Q-05-25-M8  | 125 | M8  | n°4 |
|           | 13S00312 | VG-213Q-05-25-M10 | 125 | M10 |     |

\* Collar Positioning Spacer Included with each SpeedSet Bracket !



## STAINLESS STEEL SPEEDSET BRACKETS

**Material:** Brackets and spring in stainless steel; push knob in polyamide.

| Travel    | Code     | Ref.               | A   |     |     |
|-----------|----------|--------------------|-----|-----|-----|
| 0 - 25 mm | 13S00315 | VG-213TQ-03-10-M8  | 75  | M8  | n°4 |
|           | 13S00314 | VG-213TQ-03-10-M10 | 75  | M10 |     |
|           | 13S00317 | VG-213TQ-05-10-M8  | 125 | M8  |     |
|           | 13S00316 | VG-213TQ-05-10-M10 | 125 | M10 |     |
| 0 - 40 mm | 13S00319 | VG-213TQ-03-15-M8  | 75  | M8  | n°4 |
|           | 13S00318 | VG-213TQ-03-15-M10 | 75  | M10 |     |
|           | 13S00321 | VG-213TQ-05-15-M8  | 125 | M8  |     |
|           | 13S00320 | VG-213TQ-05-15-M10 | 125 | M10 |     |
| 0 - 65 mm | 13S00323 | VG-213TQ-05-25-M8  | 125 | M8  | n°4 |
|           | 13S00322 | VG-213TQ-05-25-M10 | 125 | M10 |     |

\* Collar Positioning Spacer Included with each SpeedSet Bracket !

# ROD MOUNTS WITH TABS

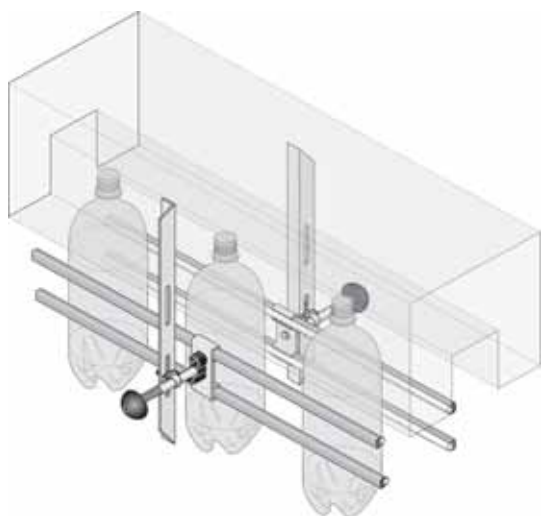
 Preferred type, readily available (codes marked in red)



Stainless steel



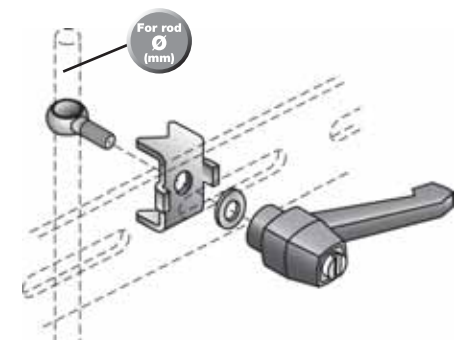
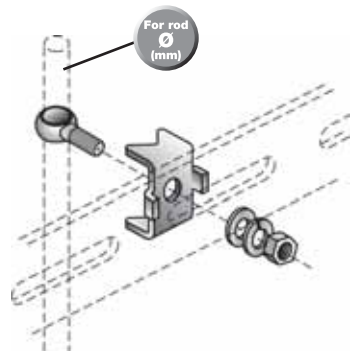
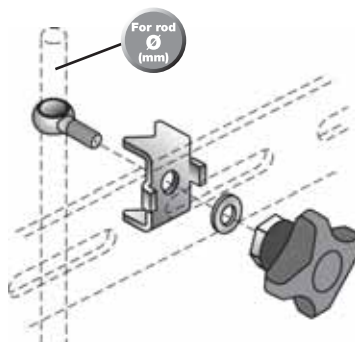
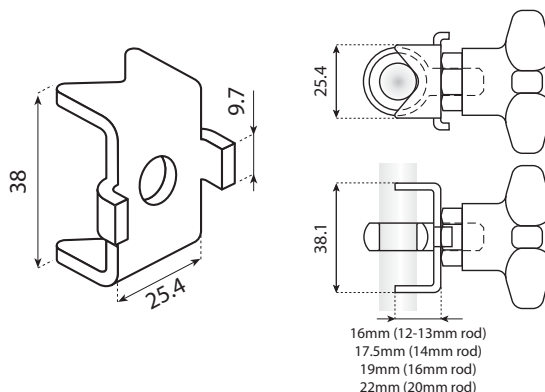
Polyamide



## VALU GUIDE ROD MOUNTS

New Valu Guide Rod Mounts, used for holding and positioning adjusting rods. These strong, yet economical mounts are available in a selection of rod diameter sizes, fixed or rotating configurations, and various tightening methods.

**Positioning tabs lock the rod to brackets slots at 90°.**



## ROD MOUNTS WITH TABS

**Material:** rod mounts in stainless steel, eyebolt and washer in stainless steel, knob in polyamide with nickel plated brass insert.

| Code            | Ref.         | For rod Ø (mm) |     |
|-----------------|--------------|----------------|-----|
| <b>13S00162</b> | VG-641T-K-12 | 12-13          |     |
| <b>13S00163</b> | VG-641T-K-14 | 14             |     |
| <b>13S00165</b> | VG-641T-K-58 | 16             | n°8 |
| <b>13S00164</b> | VG-641T-K-20 | 20             |     |

## ROD MOUNTS WITH TABS

**Material:** all components are in stainless steel.

| Code            | Ref.         | For rod Ø (mm) |     |
|-----------------|--------------|----------------|-----|
| <b>13S00166</b> | VG-641T-N-12 | 12-13          |     |
| <b>13S00167</b> | VG-641T-N-14 | 14             |     |
| <b>13S00169</b> | VG-641T-N-58 | 16             | n°8 |
| <b>13S00168</b> | VG-641T-N-20 | 20*            |     |

\* Ø20 version can be converted to SpeedSet brackets.

## ROD MOUNTS WITH TABS

**Material:** rod mounts, eyebolt and washer in stainless steel, knob in polyamide with nickel plated brass insert.

| Code            | Ref.         | For rod Ø (mm) |     |
|-----------------|--------------|----------------|-----|
| <b>13S00170</b> | VG-641T-R-12 | 12-13          |     |
| <b>13S00171</b> | VG-641T-R-14 | 14             |     |
| <b>13S00173</b> | VG-641T-R-58 | 16             | n°8 |
| <b>13S00172</b> | VG-641T-R-20 | 20             |     |

 Preferred type, readily available (codes marked in red)



Stainless steel

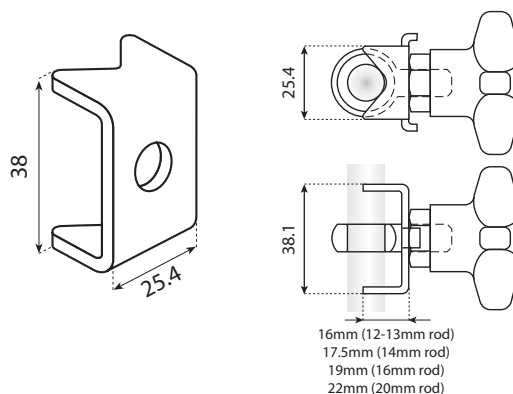
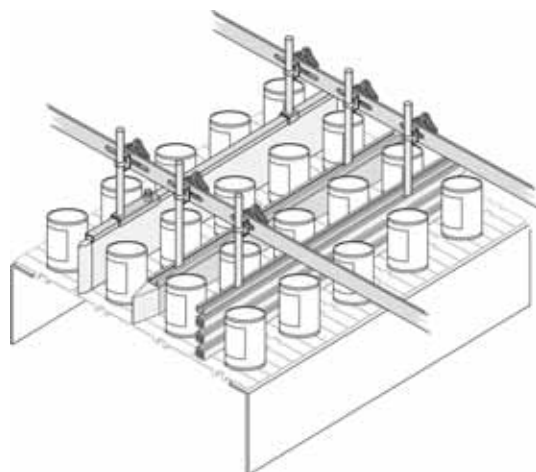


Polyamide

## VALU GUIDE ROD MOUNTS

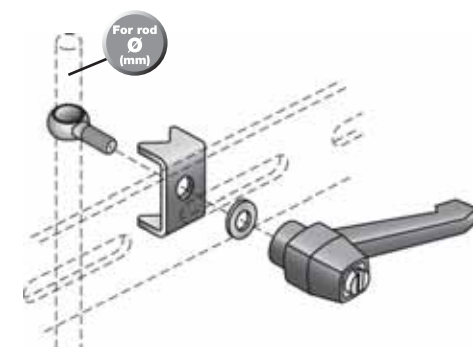
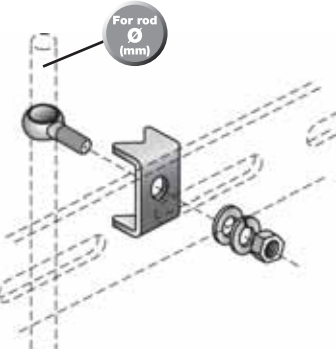
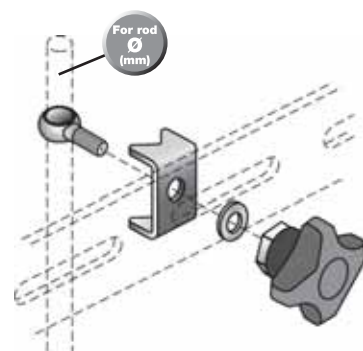
New Valu Guide Rod Mounts, used for holding and positioning adjusting rods. These strong, yet economical mounts are available in a selection of rod diameter sizes, fixed or rotating configurations, and various tightening methods.

**Rod can be rotated to any angle desired.**



## ROD MOUNTS WITH TABS

**Material:** rod mounts eyebolt and washer are in stainless steel, knob in polyamide with nickel plated brass insert.



| Code            | Ref.        | For rod Ø (mm) |     |
|-----------------|-------------|----------------|-----|
| <b>13S00150</b> | VG-641-K-12 | 12-13          | n°8 |
| <b>13S00151</b> | VG-641-K-14 | 14             |     |
| <b>13S00153</b> | VG-641-K-58 | 16             |     |
| <b>13S00152</b> | VG-641-K-20 | 20             |     |

## ROD MOUNTS WITH TABS

**Material:** all components are in stainless steel.

| Code            | Ref.        | For rod Ø (mm) |     |
|-----------------|-------------|----------------|-----|
| <b>13S00154</b> | VG-641-N-12 | 12-13          | n°8 |
| <b>13S00155</b> | VG-641-N-14 | 14             |     |
| <b>13S00157</b> | VG-641-N-58 | 16             |     |
| <b>13S00156</b> | VG-641-N-20 | 20*            |     |

\* Ø20 version can be converted to SpeedSet brackets.

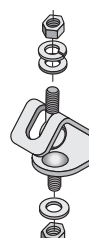
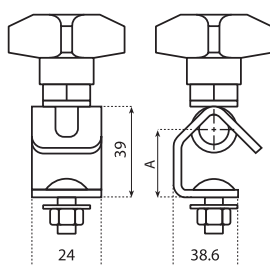
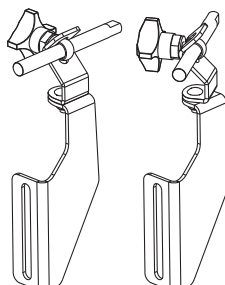
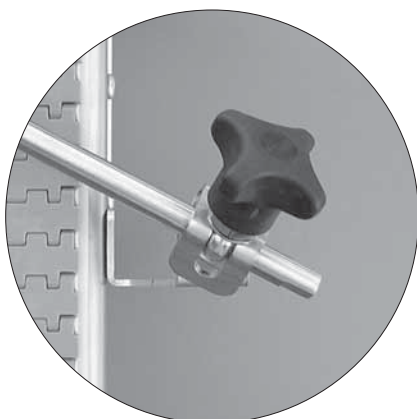
## ROD MOUNTS WITH TABS

**Material:** rod mounts, eyebolt and washer in stainless steel, knob in polyamide with nickel plated brass insert.

| Code            | Ref.        | For rod Ø (mm) |     |
|-----------------|-------------|----------------|-----|
| <b>13S00158</b> | VG-641-R-12 | 12-13          | n°8 |
| <b>13S00159</b> | VG-641-R-14 | 14             |     |
| <b>13S00161</b> | VG-641-R-58 | 16             |     |
| <b>13S00160</b> | VG-641-R-20 | 20             |     |

# STAINLESS STEEL SWIVEL CAPS

 Preferred type, readily available (codes marked in red)



## ROTATING TOP FOR STAINLESS STEEL BRACKET

**Material:** body in stainless steel, eyebolt and washer in stainless steel, knob in polyamide with nickel plated brass insert.

| Code            | Ref.           | A    | For rod<br>Ø (mm) |  |
|-----------------|----------------|------|-------------------|-------------------------------------------------------------------------------------|
| <b>13S00017</b> | VG-213R-TOP-12 | 29   | 12-13             | n°8                                                                                 |
| <b>13S00018</b> | VG-213R-TOP-14 | 27.5 | 14                |                                                                                     |
| <b>13S00019</b> | VG-213R-TOP-58 | 26   | 16                |                                                                                     |
| <b>13S00074</b> | VG-213R-TOP-20 | 24   | 20*               |                                                                                     |

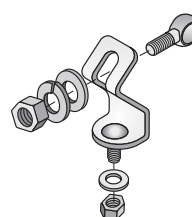
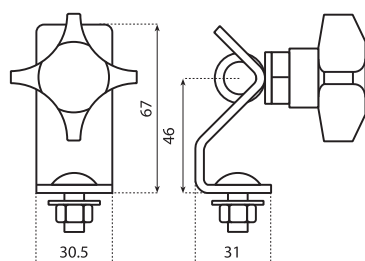
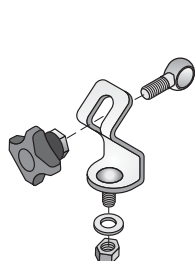
\* Ø20 versions can be converted to SpeedSet brackets.

## ROTATING TOP WITH NUT FASTENER FOR STAINLESS STEEL BRACKETS

**Material:** body and hardware in stainless steel.

| Code            | Ref.            | A    | For rod<br>Ø (mm) |  |
|-----------------|-----------------|------|-------------------|---------------------------------------------------------------------------------------|
| <b>13S00014</b> | VG-213RN-TOP-12 | 29   | 12-13             | n°8                                                                                   |
| <b>13S00073</b> | VG-213RN-TOP-14 | 27.5 | 14                |                                                                                       |
| <b>13S00016</b> | VG-213RN-TOP-58 | 26   | 16                |                                                                                       |
| <b>13S00015</b> | VG-213RN-TOP-20 | 24   | 20*               |                                                                                       |

\* Ø20 versions can be converted to SpeedSet brackets.



## ROTATING TOP FOR HEAVY DUTY STAINLESS STEEL BRACKET

**Material:** body in stainless steel, eyebolt and washer in stainless steel, knob in polyamide with nickel plated brass insert.  
**Characteristics:** Heavy duty

| Code            | Ref.           | For rod<br>Ø (mm) |  |
|-----------------|----------------|-------------------|-------------------------------------------------------------------------------------|
| <b>13S00069</b> | VG-223R-TOP-12 | 12-13             | n°8                                                                                 |
| <b>13S00070</b> | VG-223R-TOP-14 | 14                |                                                                                     |
| <b>13S00072</b> | VG-223R-TOP-58 | 16                |                                                                                     |
| <b>13S00071</b> | VG-223R-TOP-20 | 20*               |                                                                                     |

\* Ø20 versions can be converted to SpeedSet brackets.

## ROTATING TOP WITH NUT FASTENER FOR HEAVY DUTY STAINLESS STEEL BRACKET

**Material:** body and hardware in stainless steel.  
**Characteristics:** Heavy duty

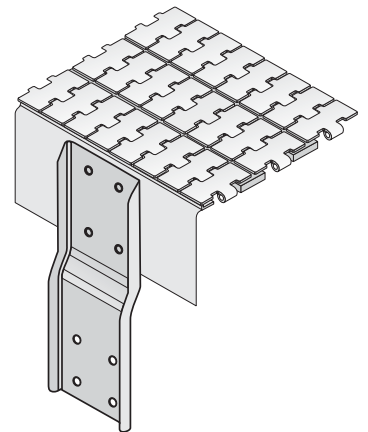
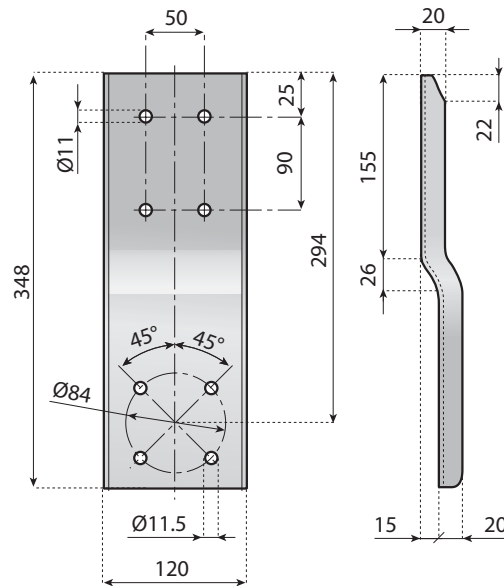
| Code            | Ref.            | For rod<br>Ø (mm) |  |
|-----------------|-----------------|-------------------|---------------------------------------------------------------------------------------|
| <b>13S00065</b> | VG-223RN-TOP-12 | 12-13             | n°8                                                                                   |
| <b>13S00066</b> | VG-223RN-TOP-14 | 14                |                                                                                       |
| <b>13S00068</b> | VG-223RN-TOP-58 | 16                |                                                                                       |
| <b>13S00067</b> | VG-223RN-TOP-20 | 20*               |                                                                                       |

\* Ø20 versions can be converted to SpeedSet brackets.

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



## SIDE MOUNTING BRACKET

**Thickness:**  $S = 3$  mm.

**Surface:** tumbling finish.

**Use:** connects and supports conveyor frames.

Code

**13812**



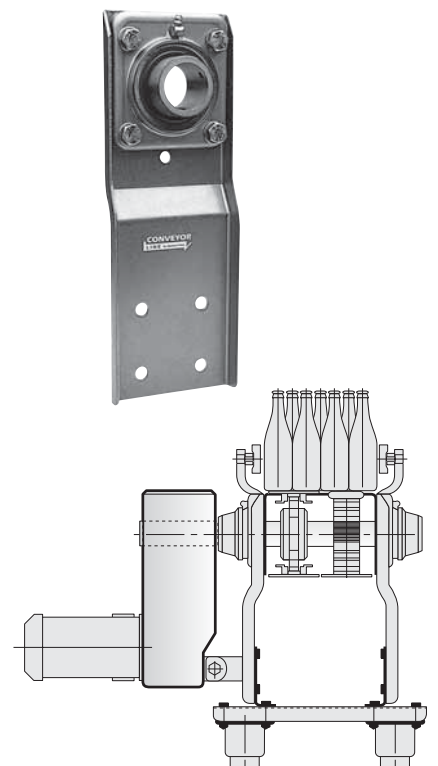
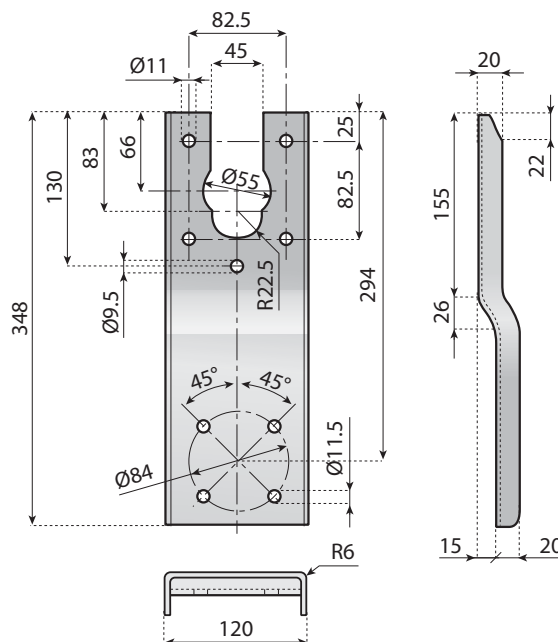
-



n°10

Material

SS  
AISI 304



## SIDE MOUNTING BRACKET

**Thickness:**  $S = 3$  mm.

**Surface:** tumbling finish.

**Use:** location of stainless steel bearing support on conveyor frames.

Code

**13813**



-



n°10

Material

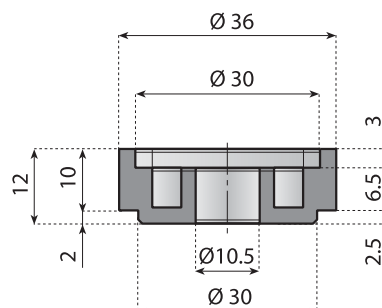
SS  
AISI 304

## ADJUSTABLE HEADS AND SPACER

 Preferred type, readily available (codes marked in red)

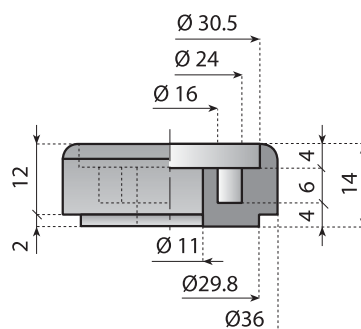


Reinforced  
polyamide



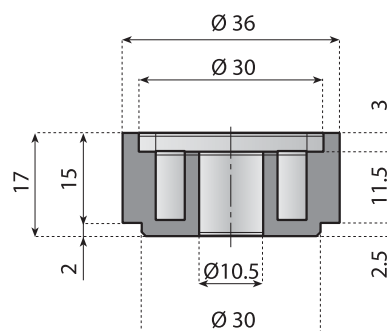
SPACER FOR ADJUSTABLE HEADS

| Code         |   | Material |
|--------------|---|----------|
| <b>13752</b> | - | PA-FG    |



SPACER FOR ADJUSTABLE HEADS

| Code         |   | Material |
|--------------|---|----------|
| <b>13753</b> | - | PA-FG    |



SPACER FOR ADJUSTABLE HEADS

| Code         |   | Material |
|--------------|---|----------|
| <b>13758</b> | - | PA-FG    |

 Preferred type, readily available (codes marked in red)



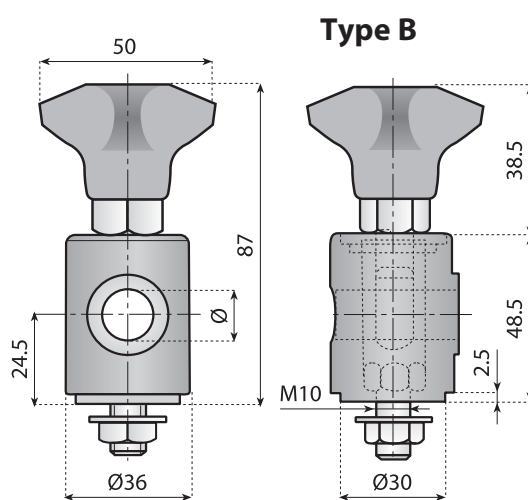
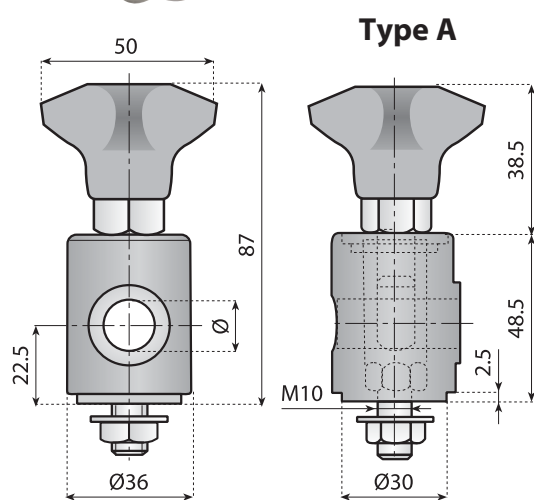
AISI 304  
Stainless steel



Polyamide



Accessories

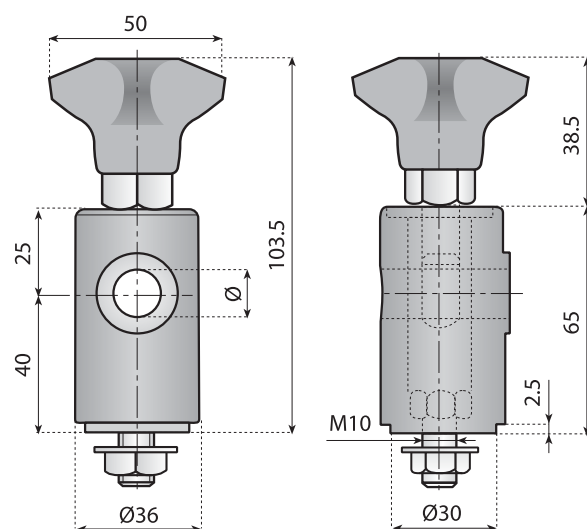


## ADJUSTABLE HEAD WITH KNOB

**Material:** reinforced polyamide, eyebolt, screw, washer in stainless steel AISI 304, nut and hexagonal bushing in nickel plated brass.

### Code

| Head with knob | Head without knob | Type | For rod Ø (mm) |      |
|----------------|-------------------|------|----------------|------|
| <b>13037V</b>  | <b>13037</b>      | A    | 12             | n°50 |
| <b>13038V</b>  | <b>13038</b>      | A    | 14             |      |
| <b>13039V</b>  | <b>13039</b>      | A    | 16             |      |
| <b>13999V</b>  | <b>13999</b>      | B    | 19             |      |
| <b>13988V</b>  | <b>13988</b>      | B    | 20             |      |



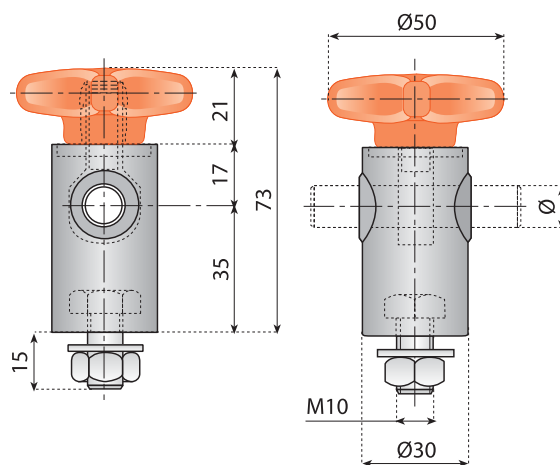
## ADJUSTABLE HEAD WITH KNOB NEW TALLER VERSION

**Material:** reinforced polyamide, eyebolt, screw, nut and washer in stainless steel AISI 304, hexagonal bushing in nickel plated brass.

### Code

| Head with knob | Head without knob | For rod Ø (mm) |      |
|----------------|-------------------|----------------|------|
| <b>13781V</b>  | <b>13781</b>      | 12             | n°50 |
| <b>13782V</b>  | <b>13782</b>      | 14             |      |
| <b>13783V</b>  | <b>13783</b>      | 16             |      |

## ADJUSTABLE HEADS



### QUICK POSITIONING ADJUSTABLE HEADS

**Material:** housing in reinforced polyamide; bolts and hardware in stainless steel; knobs in reinforced polyamide with brass bushing.

| Code   | For rod Ø (mm) |      |
|--------|----------------|------|
| 13296V | 12             | n°50 |
| 13297V | 14             |      |



AISI 304  
Stainless steel



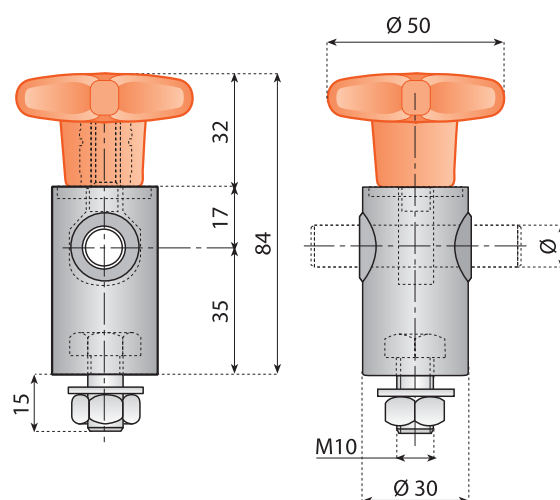
Nickel plated brass



Polyamide



Accessories

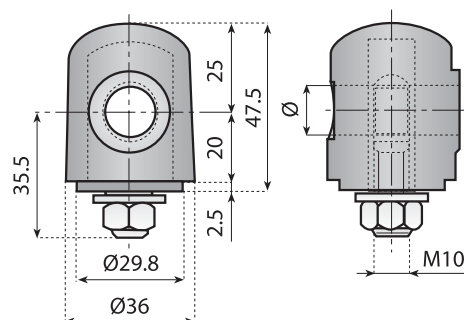


### QUICK POSITIONING ADJUSTABLE HEADS

**Material:** housing in reinforced polyamide; bolts and hardware in stainless steel; knobs in reinforced polyamide with brass bushing.

| Code    | For rod Ø (mm) |      |
|---------|----------------|------|
| 13296VA | 12             | n°50 |
| 13297VA | 14             |      |

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Polyamide

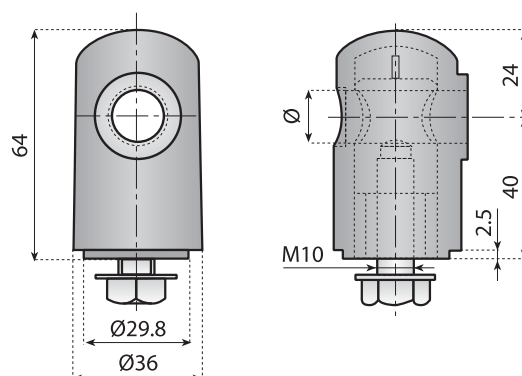


Accessories

## ADJUSTABLE HEAD

**Material:** reinforced polyamide; eyebolt, nut and washer in stainless steel AISI 304.

| Code         | For rod<br>Ø (mm) |      |
|--------------|-------------------|------|
| <b>13028</b> | 12                |      |
| <b>13029</b> | 14                | n°50 |
| <b>13030</b> | 16                |      |



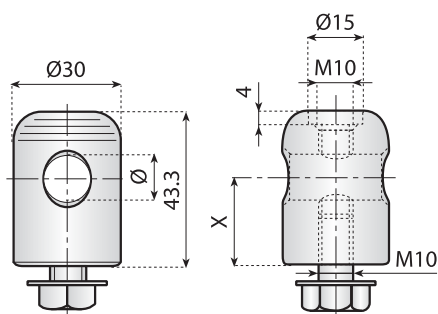
## ADJUSTABLE HEAD

**Material:** head in reinforced polyamide, Insert in nickel plated brass, screw and washer in stainless steel AISI 304.

| Code         | For rod<br>Ø (mm) |      |
|--------------|-------------------|------|
| <b>13017</b> | 12                |      |
| <b>13018</b> | 14                | n°50 |
| <b>13016</b> | 16                |      |

## ADJUSTABLE HEADS

 Preferred type, readily available (codes marked in red)



| Code         | Head material            | X    | For rod Ø (mm) |      |
|--------------|--------------------------|------|----------------|------|
| <b>13031</b> | Nickel plated brass      | 24.5 | 12             | n°50 |
| <b>13032</b> |                          | 23.5 | 14             |      |
| <b>13033</b> |                          | 22.5 | 16             |      |
| <b>13034</b> | Stainless steel AISI 304 | 24.5 | 12             | n°50 |
| <b>13035</b> |                          | 23.5 | 14             |      |
| <b>13036</b> |                          | 22.5 | 16             |      |

### ADJUSTABLE HEAD

**Material:** screws and washer in stainless steel AISI 304; head as in the table.



AISI 304  
Stainless steel



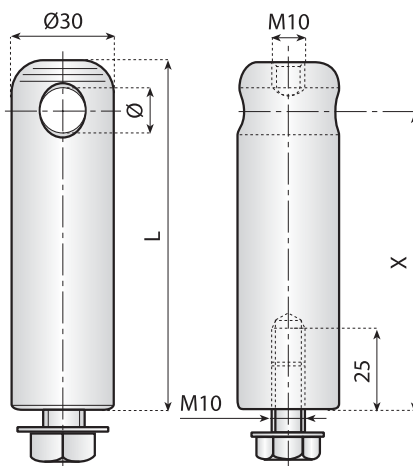
Nickel plated brass



Polyamide



Accessories

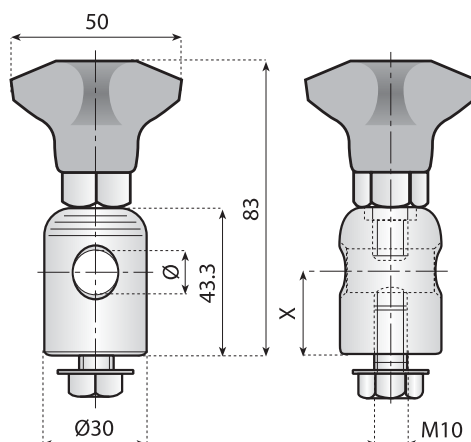


| Code         | L   | X   | For rod Ø (mm) |      |
|--------------|-----|-----|----------------|------|
| <b>13121</b> | 55  | 40  | 12             | n°50 |
| <b>13124</b> | 75  | 60  |                |      |
| <b>13127</b> | 105 | 90  |                |      |
| <b>13130</b> | 145 | 130 |                |      |
| <b>13122</b> | 56  | 40  | 14             | n°50 |
| <b>13125</b> | 76  | 60  |                |      |
| <b>13128</b> | 106 | 90  |                |      |
| <b>13131</b> | 146 | 130 |                |      |
| <b>13123</b> | 57  | 40  | 16             | n°50 |
| <b>13126</b> | 77  | 60  |                |      |
| <b>13129</b> | 107 | 90  |                |      |
| <b>13132</b> | 147 | 130 |                |      |

### ADJUSTABLE HEAD

**Material:** screws and heads in stainless steel AISI 304.

 Preferred type, readily available (codes marked in red)



| Code          | Head material       | X    | For rod Ø (mm) |      |
|---------------|---------------------|------|----------------|------|
| <b>13031V</b> | Nickel plated brass | 24.5 | 12             | n°50 |
| <b>13032V</b> | Nickel plated brass | 23.5 | 14             |      |
| <b>13033V</b> | Nickel plated brass | 22.5 | 16             |      |
| <b>13034V</b> | Stainless steel     | 24.5 | 12             | n°50 |
| <b>13035V</b> | Stainless steel     | 23.5 | 14             |      |
| <b>13036V</b> | AISI 304            | 22.5 | 16             |      |

## ADJUSTABLE HEAD WITH KNOB

**Material:** screws and washer in stainless steel AISI 304, head as in the table, knob in polyamide with hexagonal bushing in nickel plated brass.

**SS 304**

AISI 304  
Stainless steel

**NPB**

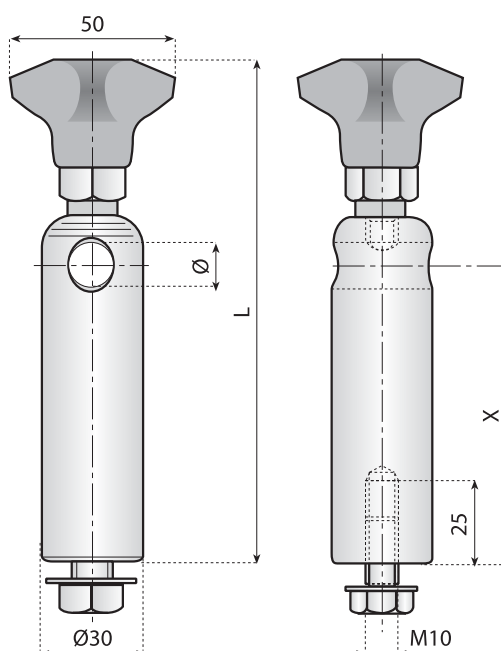
Nickel plated brass

**PA**

Polyamide

196-205

Accessories



| Code          | L   | X   | For rod Ø (mm) |      |
|---------------|-----|-----|----------------|------|
| <b>13121V</b> | 100 | 40  | 12             | n°50 |
| <b>13124V</b> | 120 | 60  |                |      |
| <b>13127V</b> | 150 | 90  |                |      |
| <b>13130V</b> | 190 | 130 |                |      |
| <b>13122V</b> | 101 | 40  | 14             | n°50 |
| <b>13125V</b> | 121 | 60  |                |      |
| <b>13128V</b> | 151 | 90  |                |      |
| <b>13131V</b> | 191 | 130 |                |      |
| <b>13123V</b> | 192 | 40  | 16             | n°50 |
| <b>13126V</b> | 122 | 60  |                |      |
| <b>13129V</b> | 152 | 90  |                |      |
| <b>13132V</b> | 192 | 130 |                |      |

## ADJUSTABLE HEAD WITH KNOB

**Material:** screws and washer in stainless steel AISI 304, knob in polyamide with hexagonal bushing in nickel plated brass.

# QUICK RELEASE ADJUSTABLE HEADS

 Preferred type, readily available (codes marked in red)

## QUICK RELEASE ADJUSTABLE HEADS

For fast line changes the new head from System Plast provides simplicity and easy in achieving the accuracy needed in adjusting multiple stations simultaneously.

- This new patented part is perfect for applications where accurate and / or frequent adjustments are required.
- Fits 12-14 mm diameter adjusting rods.
- Corrosion resistance composite components.
- Ergonomic spring loaded design.

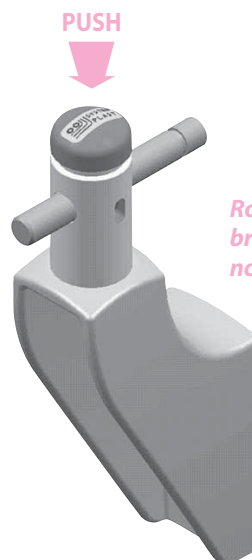
### Components:

- External Housing (polyamide)
- Internal Housing (see the table)
- Closing Cap (polyamide)
- Spring (steel)
- Screw and washer (stainless steel AISI 304)
- Nut (nickel plated brass)

### Advantages:

- Rapid adjustment of guides to accommodate the choice of bottle format.
- Quick and easy maintenance.

**Supply:** assembled.



AISI 304  
Stainless steel



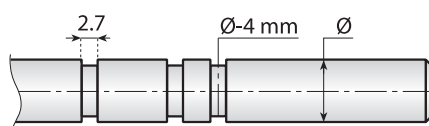
Nickel plated brass



Polyamide

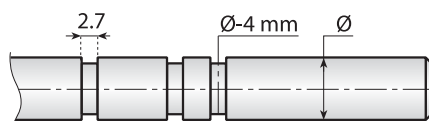
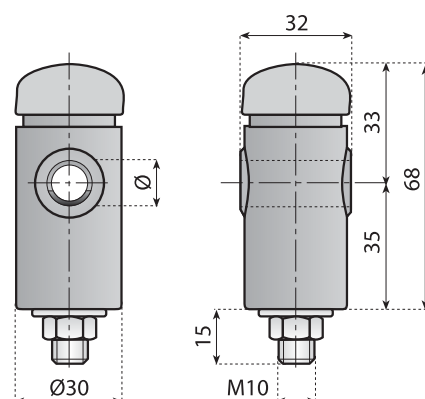


Accessories



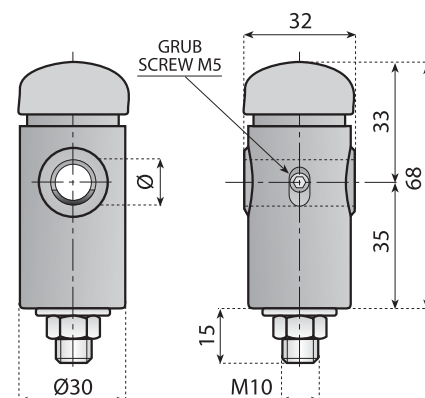
Rod dimensions

| Code         | Internal block       | For rod Ø (mm) |      |
|--------------|----------------------|----------------|------|
| <b>13300</b> | Reinforced polyamide | 12             | n°50 |
| <b>13301</b> | Nickel plated brass  | 14             | n°50 |
| <b>13302</b> | Nickel plated brass  | 12             | n°50 |
| <b>13303</b> | Nickel plated brass  | 14             | n°50 |



Rod dimensions

| Code           | Internal block      | For rod Ø (mm) |      |
|----------------|---------------------|----------------|------|
| <b>13302FP</b> | Nickel plated brass | 12             | n°50 |
| <b>13303FP</b> | Nickel plated brass | 14             | n°50 |



For a correct use of these products and to get the best performance, please call our engineering experts.

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Polyamide



Accessories

## DUAL ACTION ADJUSTABLE HEAD

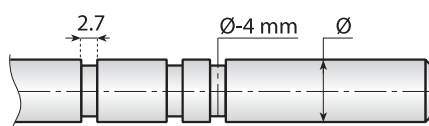
For fast line changes the new Dual Action Head from System Plast provides simplicity and easy in achieving the accuracy needed in adjusting multiple stations simultaneously. By simply rotating the quick release cap, the Dual Action Head is placed in a neutral, non clamping, position. The side guides and other rails can then be moved to the desired location before returning the quick release cap to its locked position.

- This new patented part is perfect for applications where accurate and / or frequent adjustments are required.
- Fits 12-14 mm diameter adjusting rods.
- Corrosion resistance composite components.
- Ergonomic spring loaded design.

### Components:

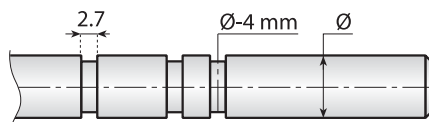
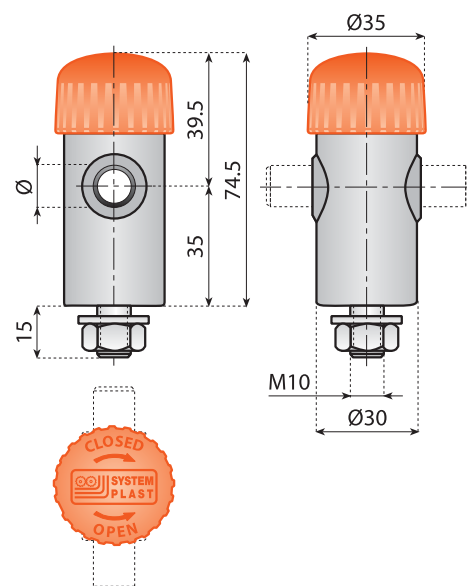
- External Housing (polyamide)
- Internal Housing (see the table)
- Closing Cap (polyamide)
- Spring (steel)
- Screw and washer (stainless steel AISI 304)
- Nut (nickel plated brass)

**Supply:** assembled.



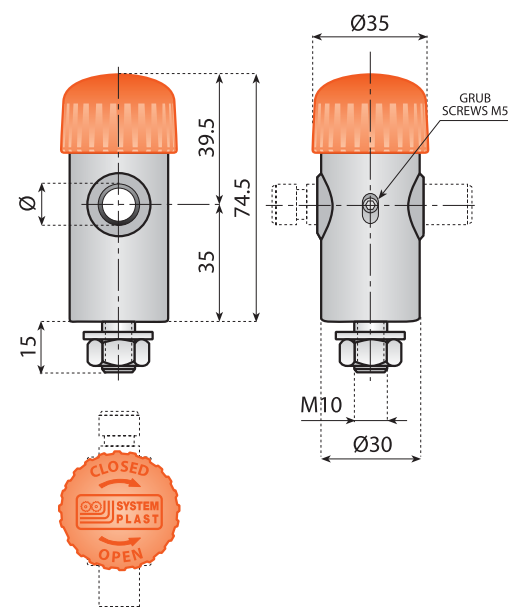
Rod dimensions

| Code         | Internal block       | For rod Ø (mm) |      |
|--------------|----------------------|----------------|------|
| <b>13296</b> | Reinforced polyamide | 12             | n°50 |
| <b>13297</b> | Nickel plated brass  | 14             | n°50 |
| <b>13298</b> | Reinforced polyamide | 12             | n°50 |
| <b>13299</b> | Nickel plated brass  | 14             | n°50 |



Rod dimensions

| Code           | Internal block       | For rod Ø (mm) |      |
|----------------|----------------------|----------------|------|
| <b>13298FP</b> | Reinforced polyamide | 12             | n°50 |
| <b>13299FP</b> | Nickel plated brass  | 14             | n°50 |



For a correct use of these products and to get the best performance, please call our engineering experts.

# SPACERS

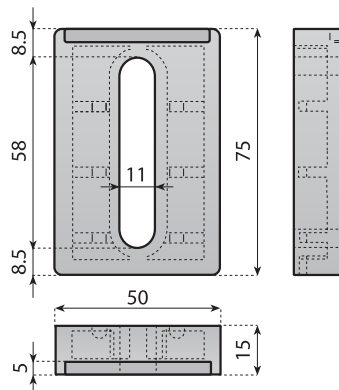
 Preferred type, readily available (codes marked in red)



Reinforced  
polyamide



Accessories



## SPACER FOR BRACKETS

**Application:** bracket codes:

13692 - 13693 - 13696 - 13697 - 13769 - 13963  
13633 - 13634 - 13635 - 13200 - 13201 - 13208  
13209 - 13210.

Code

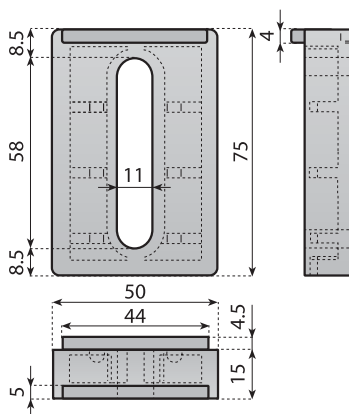


n°50



PA-FG

**13400**



## SPACER FOR BRACKETS

**Application:** bracket codes:

13692 - 13693 - 13696 - 13697 - 13769 - 13632  
13633 13634 - 13635 - 13200 - 13201 - 13208  
13209 - 13210 13040 - 13041 - 13042 - 13043  
13044 - 13045 - 13046 - 13100 - 13101 - 13102  
13047 - 13048 - 13049.

Code



n°50



PA-FG

**13399**

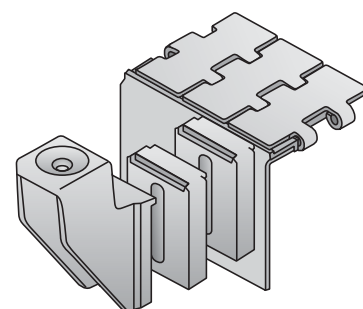
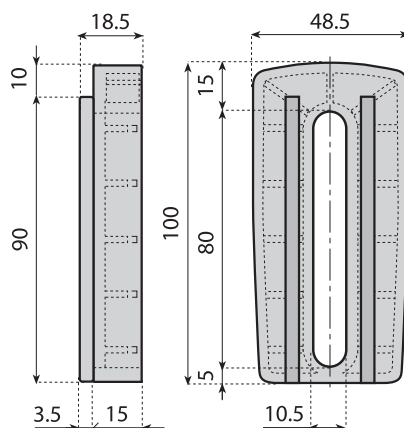
 Preferred type, readily available (codes marked in red)



Reinforced  
polyamide



Accessories



## SPACER FOR BRACKETS

**Application:** bracket codes:

13185 - 13530 - 13531 - 13532 - 13533  
13534 - 13535 - 13536 - 13537 - 13538  
13539 - 13540 - 13541 - 13542 - 13543  
13544 - 13545 - 13546 - 13547.

Code

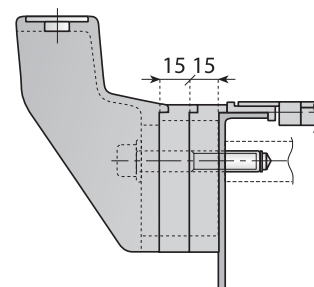
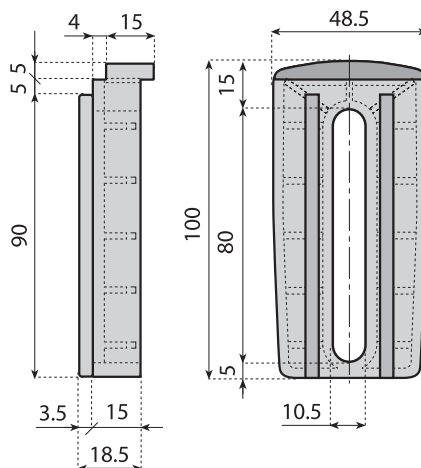
**13187**



n°50



PA-FG



## SPACER FOR BRACKETS

**Application:** bracket codes:

13186 - 13580 - 13581 - 13582 - 13583  
13584 - 13585 - 13586 - 13587 - 13588  
13589 - 13590 - 13591 - 13592 - 13593  
13594 - 13595 - 13596 - 13597.

Code

**13188**



n°50



PA-FG

# SPACERS

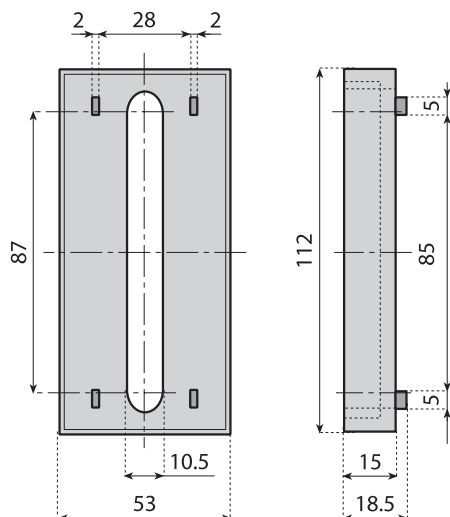
 Preferred type, readily available  
(codes marked in red)



## SPACER FOR BRACKETS

**Application:** bracket codes:

13020 - 13021 - 13022 - 13023 - 13024  
13025 - 13026 - 13027 - 13050 - 13051  
13052 - 13054 - 13055 - 13056 - 13088  
13089 - 13746 - 13747 - 13748 - 13749  
13750 - 13751.



AISI 304  
Stainless steel



Reinforced  
polyamide



Accessories

Code

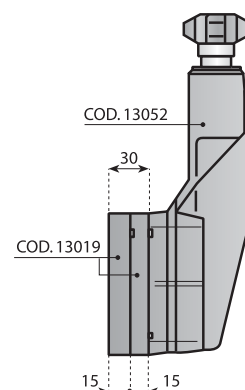
**13019**



n°50



PA-FG

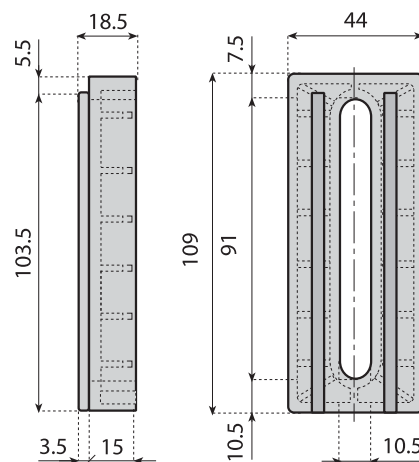


## SPACER FOR BRACKETS

**Material:** reinforced polyamide

**Application:** bracket codes:

13020 - 13021 - 13088 - 13089 - 13847  
13848 - 13849 - 13054 - 13055 - 13056  
13886 - 13887 - 13888 - 13749 - 13750  
13751 - 13746 - 13747 - 13748 - 13025  
13026 - 13027 - 13022 - 13023 - 13024



Code

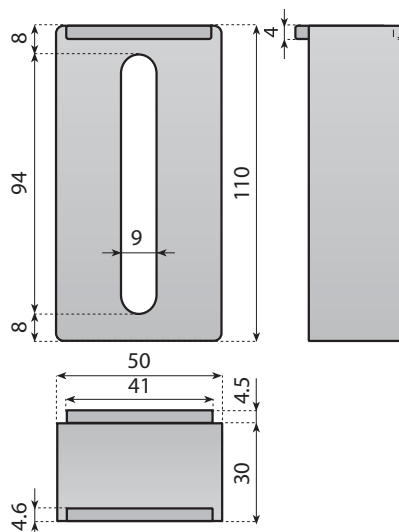
**13189**



n°50



PA-FG



Code

**13198**



n°50



PA-FG

## SPACER FOR BRACKETS



## DRIP TRAY SUPPORTS

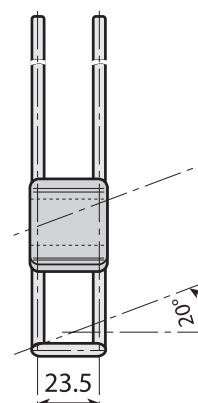
**Material:** metal support in stainless steel AISI 304, clamp in polyamide.

**Accessories:** fixing washer code 13252

**Application:** drip tray supports can be used with the following brackets:

13020 - 13021 - 13022 - 13023 - 13024 - 13025 - 13026 - 13027  
13050 - 13051 - 13052 - 13054 - 13055 - 13056 - 13088 - 13089  
13205 - 13206 - 13207 - 13746 - 13747 - 13748 - 13749 - 13750  
13751 - 13767 - 13768 - 13200 - 13201 - 13692 - 13693 - 13696  
13697 - 13769 - 13632 - 13633 - 13634 - 13635 - 13208 - 13209  
13210.

Drip tray supports can also be used with spacers code:  
13019 - 13399 - 13400.



AISI 304  
Stainless steel

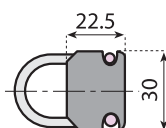
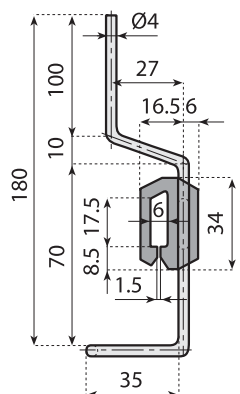


Polyamide

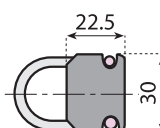
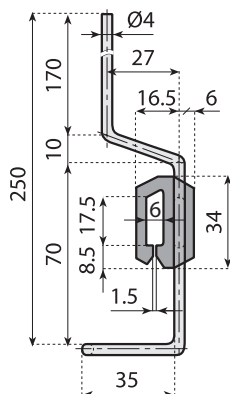


Accessories

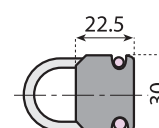
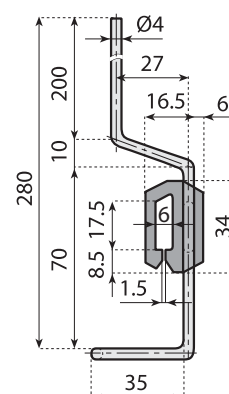
## DRIP TRAY SUPPORTS - AVAILABLE VERSIONS



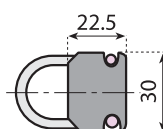
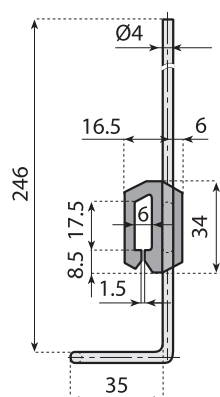
**Code**    
**13250** 184 mm n°50



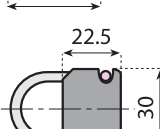
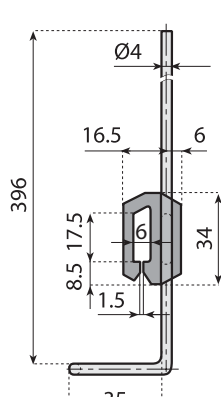
**Code**    
**13253** 254 mm n°50



**Code**    
**13254** 284 mm n°50



**Code**    
**13255** 250 mm n°50



**Code**    
**13256** 400 mm n°50

 Preferred type, readily available  
(codes marked in red)

# DRIP TRAY SUPPORTS

## DRIP TRAY SUPPORTS

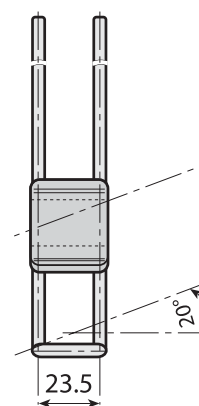
**Material:** metal support in stainless steel AISI 304, clamp in polyamide.

**Accessories:** fixing washer code 13252

**Application:** drip tray supports can be used with the following brackets:

13020 - 13021 - 13022 - 13023 - 13024 - 13025 - 13026 - 13027  
13050 - 13051 - 13052 - 13054 - 13055 - 13056 - 13088 - 13089  
13205 - 13206 - 13207 - 13746 - 13747 - 13748 - 13749 - 13750  
13751 - 13767 - 13768 - 13200 - 13201 - 13692 - 13693 - 13696  
13697 - 13769 - 13632 - 13633 - 13634 - 13635 - 13208 - 13209  
13210.

Drip tray supports can also be used with spacers code:  
13019 - 13399 - 13400.



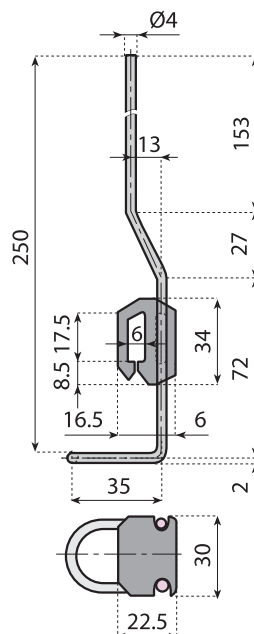
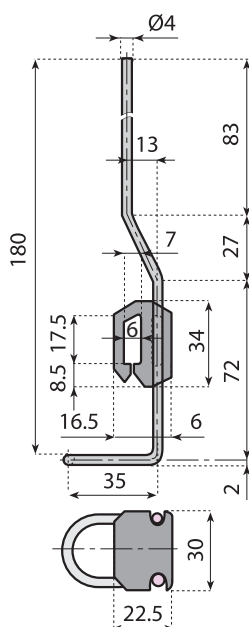
AISI 304  
Stainless steel



Polyamide



## DRIP TRAY SUPPORTS - AVAILABLE VERSIONS



Code

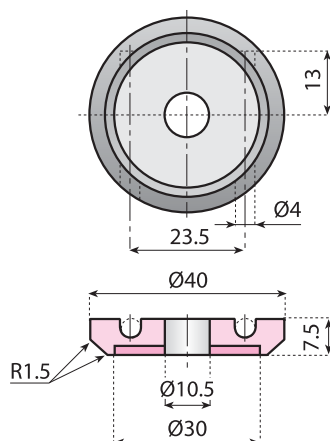


**13257** 184 mm n°50

Code



**13258** 254 mm n°50

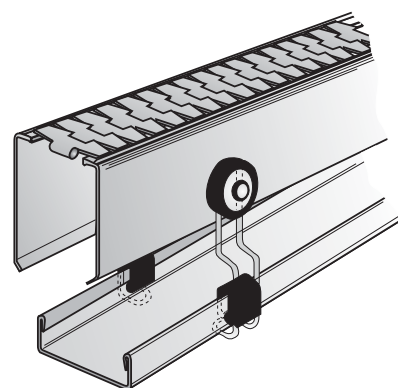


Code



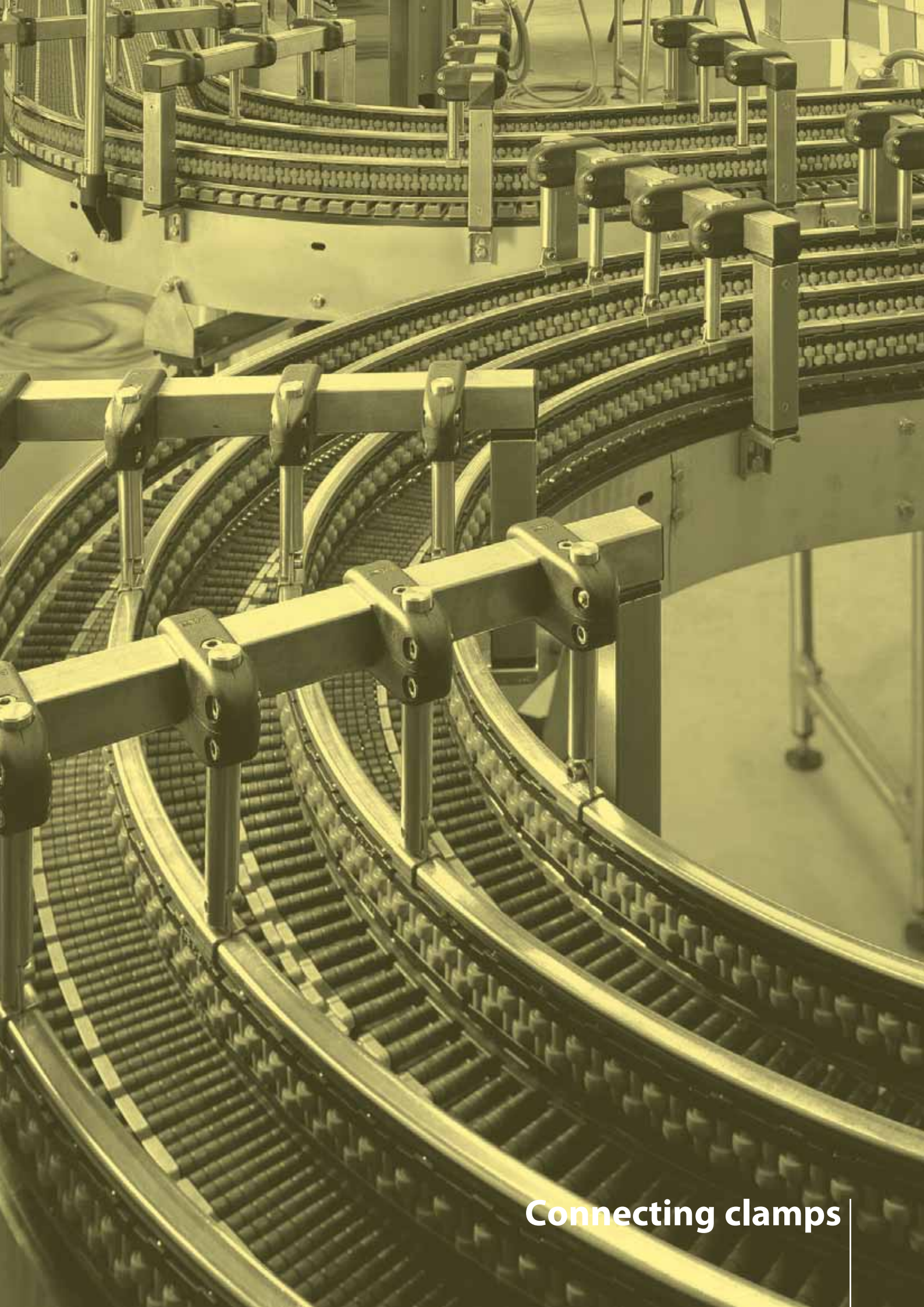
**13252** n°50

Preferred type, readily available  
(codes marked in red)



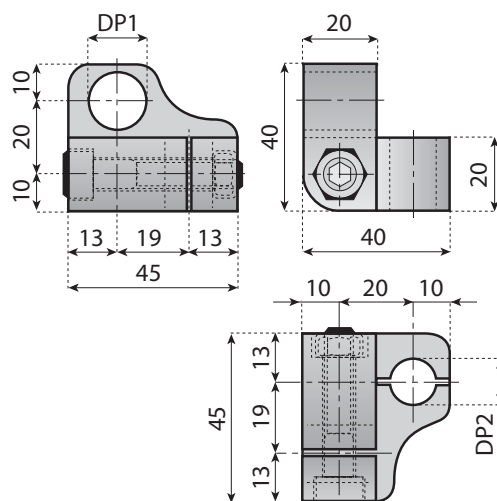
## FIXING WASHER

**Material:** polyamide, washer in stainless steel AISI 304.



**Connecting clamps**

# SINGLE ACTION TWO WAY CROSS BLOCK



## SINGLE ACTION TWO WAY CROSS BLOCK

**Feature:** the special design provides a means for rapid adjustment of both vertical and horizontal side rail positions with the release of a single bolt or knob.

**Material:** reinforced polyamide, screws in stainless steel AISI 304.

**Supply:** assembled.

| Code  | DP1 | DP2 |      |
|-------|-----|-----|------|
| 13135 | 12  | 12  | n°50 |
| 13139 | 14  | 14  |      |
| 13144 | 16  | 16  |      |



AISI 304  
Stainless steel



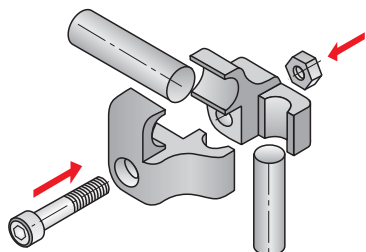
Reinforced  
polyamide



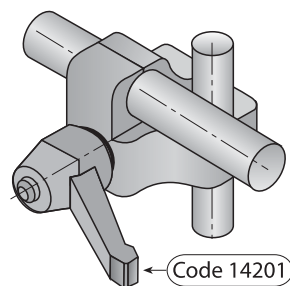
Accessories



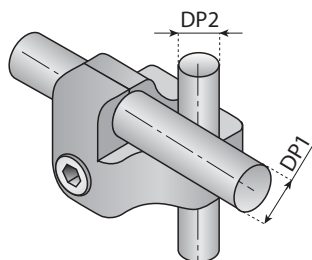
Example application



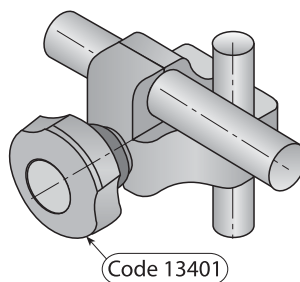
Adjustment with ratchet  
handle code 14201



Adjustment with bolts



Adjustment with knob code 13401



# POSITIVE ACTION CROSS BLOCK



AISI 304  
Stainless steel



Reinforced  
polyamide



Zinc plated steel



Accessories

## EXAMPLE APPLICATION



### POSITIVE ACTION CROSS BLOCK

**Material:** reinforced polyamide.

**Use:** rod Ø 12 mm.

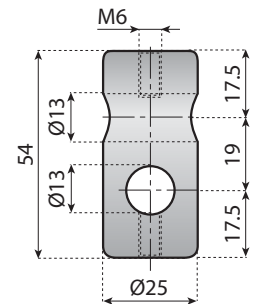
Code

**13180**

Without screws



n°100



### POSITIVE ACTION CROSS BLOCK WITH SCREWS

**Material:** reinforced polyamide, screws in stainless steel.

**Supply:** assembled.

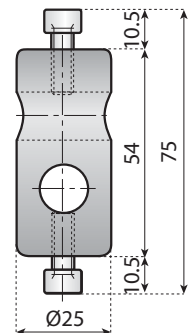
Code

**13181**

With screws



n°100



### POSITIVE ACTION CROSS BLOCK WITH STAR KNOBS

**Material:** reinforced polyamide, knobs in polyamide with stainless steel insert.

**Use:** rod Ø 12 mm.

**Supply:** assembled.

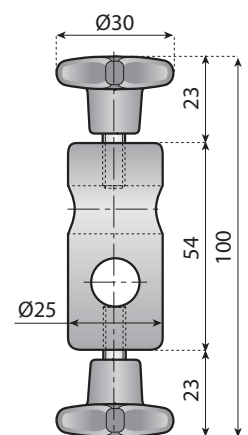
Code

**13182**

With star knobs



n°100



### POSITIVE ACTION CROSS BLOCK WITH KNOBS

**Material:** reinforced polyamide, knobs in polyamide with zinc plated steel insert.

**Use:** rod Ø 12 mm.

**Supply:** assembled.

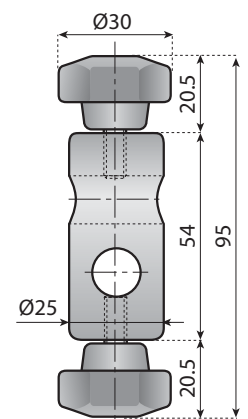
Code

**13183**

With knobs

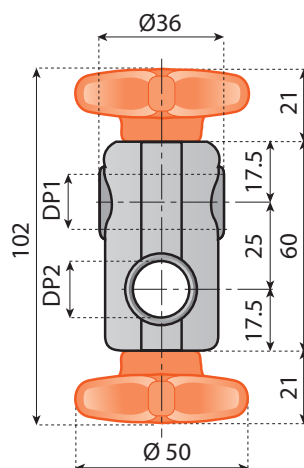


n°100



## QUICK POSITIONING CROSS BLOCK

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



Accessories

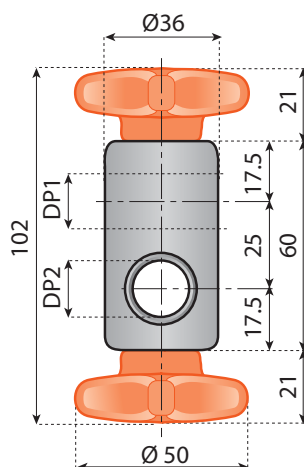
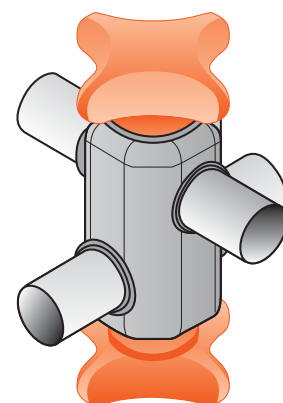
### QUICK RELEASE CROSS BLOCK

**Material:** housing in reinforced polyamide, hardware in stainless steel, knobs in polyamide with bushings in nickel plated brass.

**Features:** it connects two round rods at 90°. Each side of the cross block can be quickly adjusted by loosening the hand knob.

**Supply:** assembled.

| Code         | DP1 | DP2 |      |
|--------------|-----|-----|------|
| <b>13316</b> | 12  | 12  | n°50 |
| <b>13317</b> | 12  | 14  |      |
| <b>13318</b> | 12  | 16  |      |
| <b>13319</b> | 14  | 14  |      |
| <b>13320</b> | 14  | 16  |      |
| <b>13321</b> | 16  | 16  |      |



### QUICK RELEASE CROSS BLOCK

**Material:** body in stainless steel, hardware in stainless steel, knobs in polyamide with bushings in nickel plated brass.

**Features:** it connects two round rods at 90°. Each side of the cross block can be quickly adjusted by loosening the hand knob.

**Supply:** assembled.

| Code              |                |     |     |  |
|-------------------|----------------|-----|-----|---------------------------------------------------------------------------------------|
| with knobs colour |                |     |     |                                                                                       |
| Orange            | Black          | DP1 | DP2 |                                                                                       |
| <b>13360V</b>     | <b>13360VN</b> | 12  | 12  | n°50                                                                                  |
| <b>13361V</b>     | <b>13361VN</b> | 12  | 14  |                                                                                       |
| <b>13362V</b>     | <b>13362VN</b> | 12  | 16  |                                                                                       |
| <b>13363V</b>     | <b>13363VN</b> | 14  | 14  |                                                                                       |
| <b>13364V</b>     | <b>13364VN</b> | 14  | 16  |                                                                                       |
| <b>13365V</b>     | <b>13365VN</b> | 16  | 16  |                                                                                       |



 Preferred type, readily available (codes marked in red)



## CROSS BLOCK WITH KNOBS

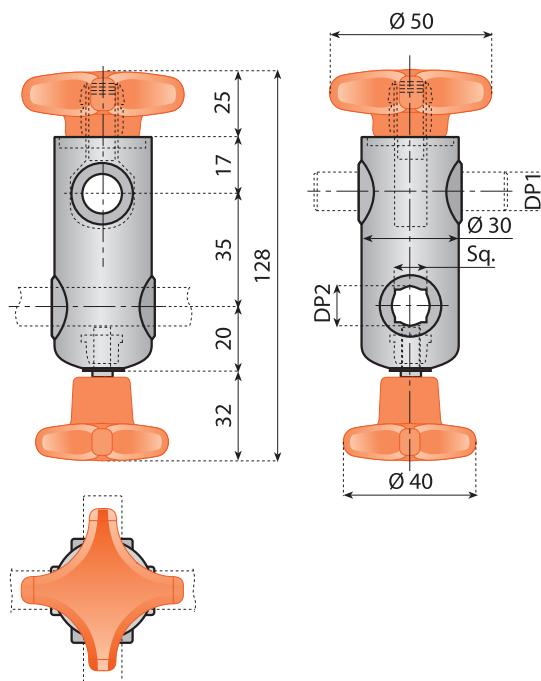
### Components:

- Housing in reinforced polyamide.
- Washer and hardware in stainless steel.
- Knobs in reinforced polyamide with one threaded insert in stainless steel and one brass bushing.

### Features:

- Connects two round rods or one round rod with square bar at 90°.
- Each side of the cross block can be quickly adjusted by loosening the hand knob.

**Supply:** assembled.



| Code          | DP1 | DP2 |    |  |
|---------------|-----|-----|----|--------------------------------------------------------------------------------------|
|               |     | ●   | ■  |                                                                                      |
| <b>13310V</b> | 12  | 12  | 10 | n°50                                                                                 |
| <b>13311V</b> | 12  | 14  | 12 |                                                                                      |
| <b>13322V</b> | 14  | 12  | 10 |                                                                                      |
| <b>13312V</b> | 14  | 14  | 12 |                                                                                      |



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



Accessories



## CROSS BLOCK WITH KNOBS

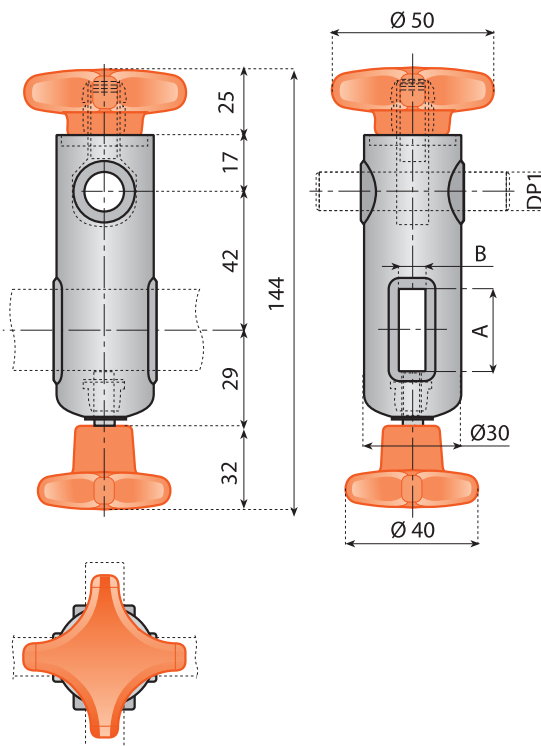
### Components:

- Housing in reinforced polyamide.
- Washer and hardware in stainless steel.
- Knobs in reinforced polyamide with one threaded insert in stainless steel and one brass bushing.

### Features:

- Connects one round rod with flat bar at 90°.
- Each side of the cross block can be quickly adjusted by loosening the hand knob.

**Supply:** assembled.



| Code          | DP1 | FLAT BAR<br>A x B |  |
|---------------|-----|-------------------|---------------------------------------------------------------------------------------|
|               |     |                   |                                                                                       |
| <b>13260V</b> | 12  | 25 x 8            | n°50                                                                                  |
| <b>13261V</b> | 14  | 25 x 8            |                                                                                       |
| <b>13262V</b> | 12  | 25 x 6            |                                                                                       |
| <b>13263V</b> | 14  | 25 x 6            |                                                                                       |

# DUAL ACTION CROSS BLOCK

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



Accessories

## DUAL ACTION CROSS BLOCK

**Features:** for fast line changes the new System Plast Dual Action Cross Block provides simplicity and easy in achieving the accuracy needed in adjusting multiple stations simultaneously.

By simply rotating the quick release cap, the Dual Action Cross Block is placed in a neutral, non clamping, position.

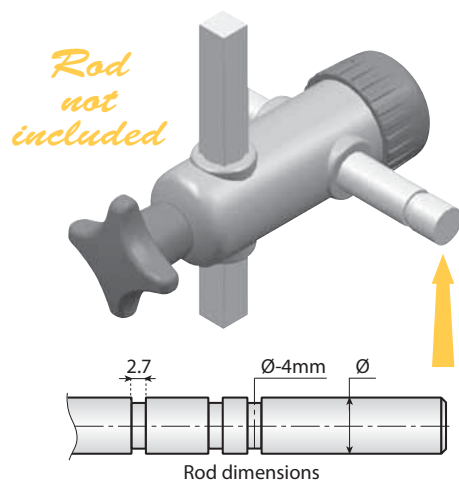
The side guides and other rails can then be moved to the desired location before returning the quick release cap to its locked position.

- This new patented part is perfect for applications where accurate and / or frequent adjustments are required.
- Fits 12-14 mm diameter adjusting rods.
- Corrosion resistance composite components.
- Ergonomic spring loaded design.

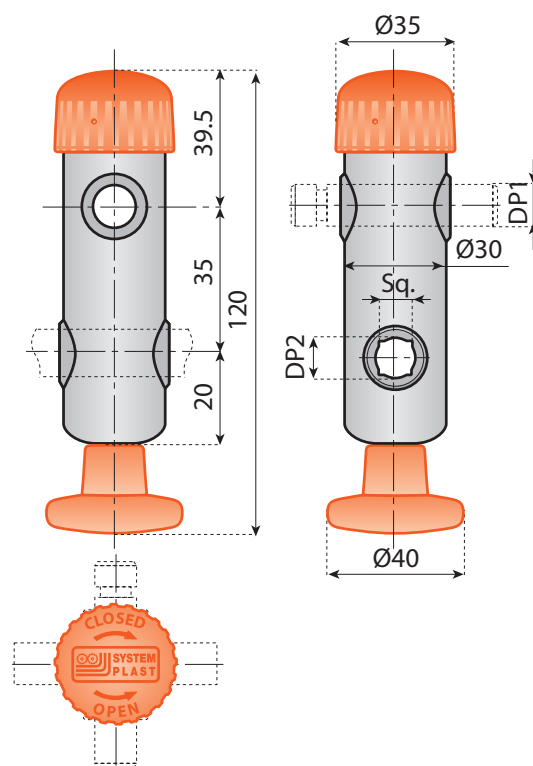
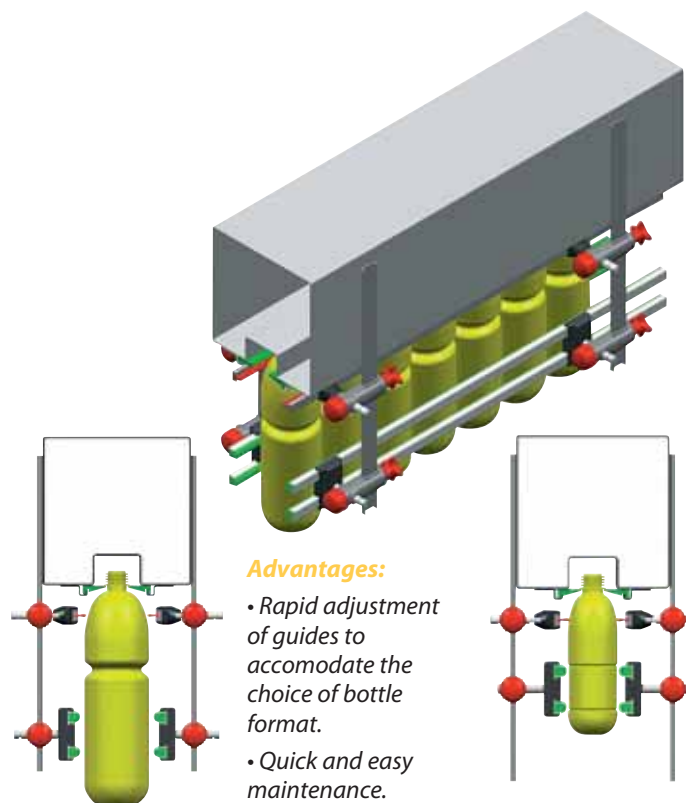
### Components:

- External Housing (polyamide).
- Internal Housing (see the table).
- Closing Cap (polyamide).
- Spring (steel).
- Knob (polyamide with threaded insert in stainless steel).
- Threaded insert (nickel plated brass).

**Supply:** assembled.



| Code         | Internal block       | DP1 | DP2 |    |      |
|--------------|----------------------|-----|-----|----|------|
|              |                      |     | ●   | ■  |      |
| <b>13310</b> |                      | 12  | 12  | 10 | n°50 |
| <b>13311</b> | Reinforced polyamide | 12  | 14  | 12 |      |
| <b>13322</b> |                      | 14  | 12  | 10 |      |
| <b>13312</b> |                      | 14  | 14  | 12 |      |
| <b>13313</b> |                      | 12  | 12  | 10 | n°50 |
| <b>13314</b> | Nickel               | 12  | 14  | 12 |      |
| <b>13323</b> | plated brass         | 14  | 12  | 10 |      |
| <b>13315</b> |                      | 14  | 14  | 12 |      |



For a correct use of these products and to get the best performance, please call our engineering experts.

# DUAL ACTION CROSS BLOCK FINE POSITIONING VERSION



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



Accessories

## DUAL ACTION CROSS BLOCK

**Features:** for fast line changes the new System Plast Dual Action Cross Block provides simplicity and easy in achieving the accuracy needed in adjusting multiple stations simultaneously. By simply rotating the quick release cap, the Dual Action Cross Block is placed in a neutral, non clamping, position.

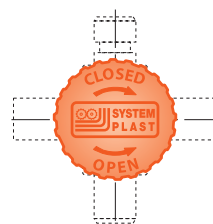
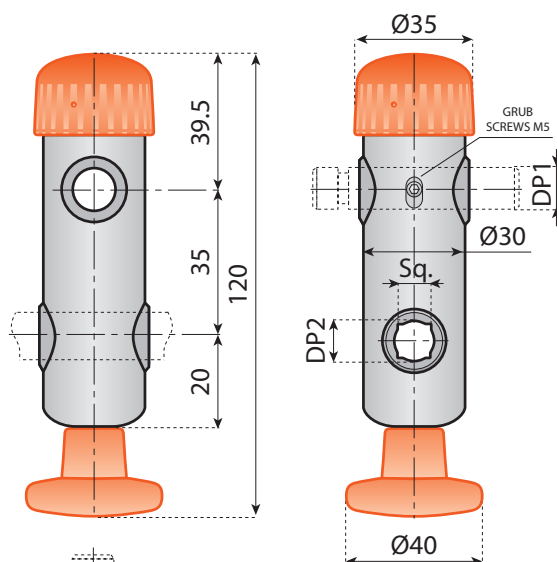
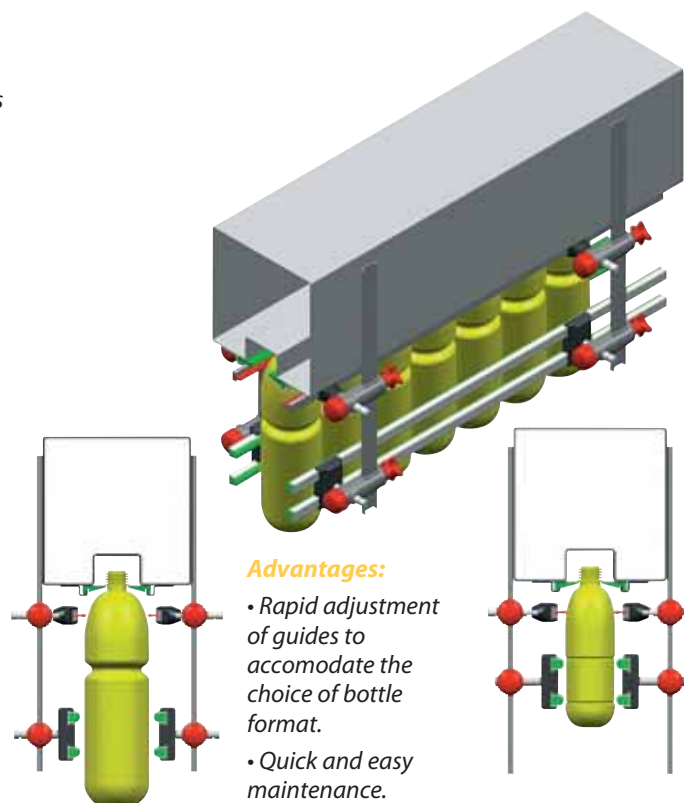
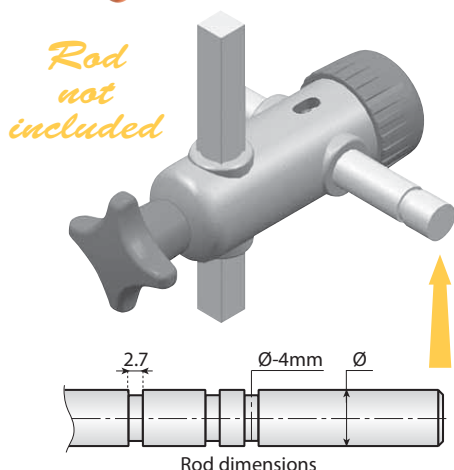
The side guides and other rails can then be moved to the desired location before returning the quick release cap to its locked position.

- This new patented part is perfect for applications where accurate and / or frequent adjustments are required.
- Fits 12-14 mm diameter adjusting rods.
- Corrosion resistance composite components.
- Ergonomic spring loaded design.

### Components:

- External Housing (polyamide)
- Internal Housing (see the table)
- Closing Cap (polyamide)
- Spring (steel)
- Knob (polyamide with threaded insert in stainless steel).
- Threaded insert (nickel plated brass).

**Supply:** assembled.



| Code    | Internal block | DP1 | DP2 |    |
|---------|----------------|-----|-----|----|
| 13313FP |                | 12  | 12  | 10 |
| 13314FP | Nickel         | 12  | 14  | 12 |
| 13323FP | plated brass   | 14  | 12  | 10 |
| 13315FP |                | 14  | 14  | 12 |



n°50

For a correct use of these products and to get the best performance, please call our engineering experts.

# DUAL ACTION CROSS BLOCK (FOR FLAT BAR)

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



Accessories

## DUAL ACTION CROSS BLOCK

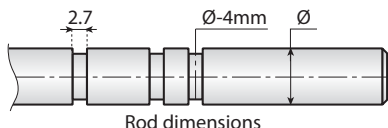
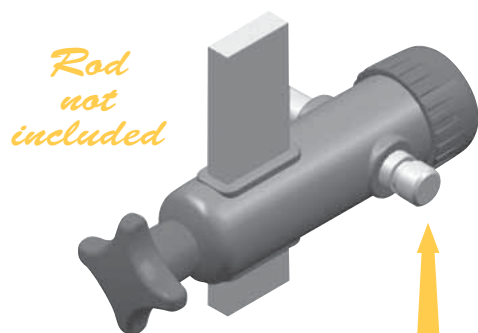
**Features:** for fast line changes the new System Plast Dual Action Cross Block provides simplicity and easy in achieving the accuracy needed in adjusting multiple stations simultaneously.  
By simply rotating the quick release cap, the Dual Action Cross Block is placed in a neutral, non clamping, position.  
The side guides and other rails can then be moved to the desired location before returning the quick release cap to its locked position.

- This new patented part is perfect for applications where accurate and / or frequent adjustments are required.
- Fits 12-14 mm diameter adjusting rods.
- Corrosion resistance composite components.
- Ergonomic spring loaded design.

### Components:

- External Housing (polyamide)
- Internal Housing (see the table)
- Closing Cap (polyamide)
- Spring (steel)
- Knob (polyamide with threaded insert in stainless steel).
- Threaded insert (nickel plated brass).

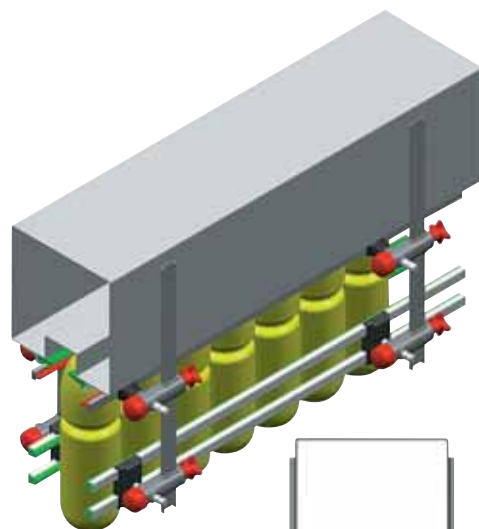
**Supply:** assembled.



Rod dimensions

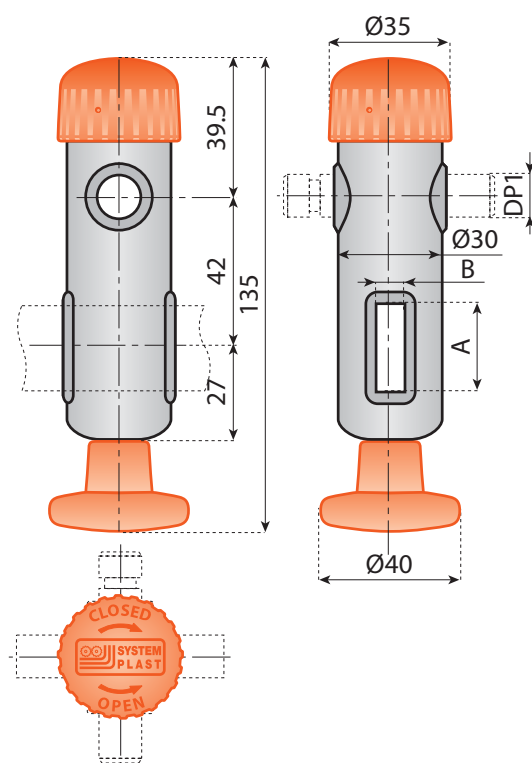
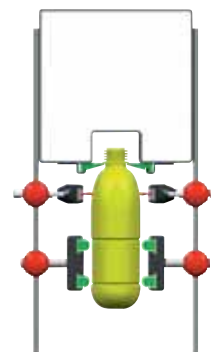


| Code         | Internal block | DP1 | Flat bar<br>A x B |      |
|--------------|----------------|-----|-------------------|------|
| <b>13260</b> |                | 12  | 25 x 8            |      |
| <b>13261</b> | Reinforced     | 14  | 25 x 8            | n°50 |
| <b>13262</b> | polyamide      | 12  | 25 x 6            |      |
| <b>13263</b> |                | 14  | 25 x 6            |      |
| <b>13264</b> |                | 12  | 25 x 8            |      |
| <b>13265</b> | Nickel         | 14  | 25 x 8            | n°50 |
| <b>13266</b> | plated brass   | 12  | 25 x 6            |      |
| <b>13267</b> |                | 14  | 25 x 6            |      |



### Advantages:

- Rapid adjustment of guides to accommodate the choice of bottle format.
- Quick and easy maintenance.



For a correct use of these products and to get the best performance, please call our engineering experts.

# DUAL ACTION CROSS BLOCK FINE POSITIONING VERSION (FOR FLAT BAR)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



Accessories

## DUAL ACTION CROSS BLOCK

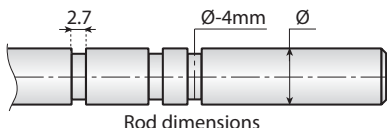
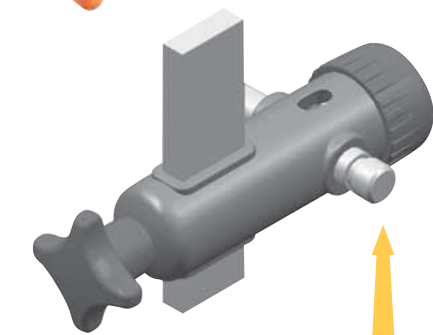
**Features:** for fast line changes the new System Plast Dual Action Cross Block provides simplicity and easy in achieving the accuracy needed in adjusting multiple stations simultaneously. By simply rotating the quick release cap, the Dual Action Cross Block is placed in a neutral, non clamping, position. The side guides and other rails can then be moved to the desired location before returning the quick release cap to its locked position.

- This new patented part is perfect for applications where accurate and / or frequent adjustments are required.
- Fits 12-14 mm diameter adjusting rods.
- Corrosion resistance composite components.
- Ergonomic spring loaded design.

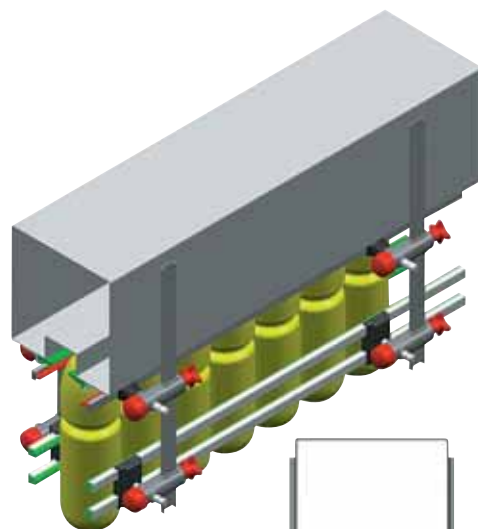
### Components:

- External Housing (polyamide)
- Internal Housing (see the table)
- Closing Cap (polyamide)
- Spring (steel)
- Knob (polyamide with threaded insert in stainless steel)
- Threaded insert (nickel plated brass).

**Supply:** assembled.

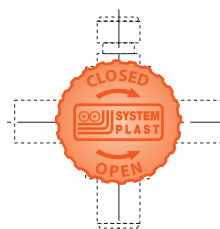
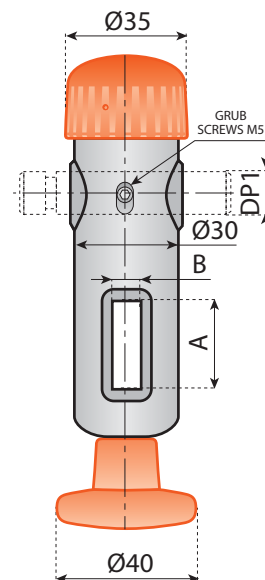
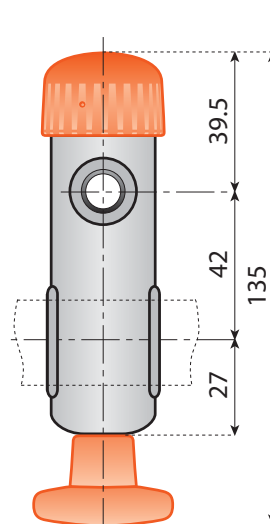
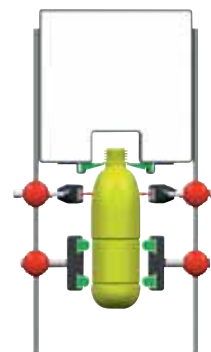


Rod dimensions



### Advantages:

- Rapid adjustment of guides to accommodate the choice of bottle format.
- Quick and easy maintenance.



| Code    | Internal block | DP1 | Flat bar<br>A x B |      |
|---------|----------------|-----|-------------------|------|
| 13264FP |                | 12  | 25 x 8            | n°50 |
| 13265FP | Nickel         | 14  | 25 x 8            |      |
| 13266FP | plated brass   | 12  | 25 x 6            |      |
| 13267FP |                | 14  | 25 x 6            |      |

For a correct use of these products and to get the best performance, please call our engineering experts.

## CROSS BLOCKS

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



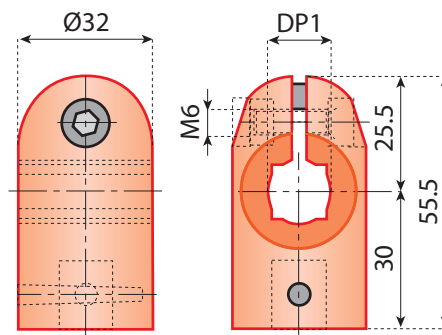
Nickel plated brass



Reinforced  
polyamide



Accessories



### CROSS BLOCKS

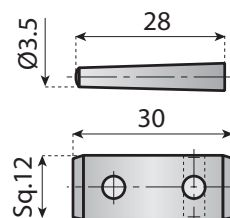
**Features:** cross blocks, in a variety of bore configurations, including square bore combinations, are manufactured from reinforced polyamide.

**Use:** it connects two round or square rods at 90°.

**Material:** reinforced polyamide with stainless steel bolts.

**Supply:** unassembled.

| Code         | DP1 |    |  |
|--------------|-----|----|-------------------------------------------------------------------------------------|
|              | ●   | ■  |                                                                                     |
| <b>13666</b> | 14  | 12 | n°100                                                                               |
| <b>13667</b> | 15  | —  |                                                                                     |
| <b>13668</b> | 16  | 14 |                                                                                     |
| <b>13669</b> | 18  | —  |                                                                                     |
| <b>13670</b> | 20  | 16 |                                                                                     |



### CONNECTING JOINT AND PINS

**Supply:** separate two pins and one connecting joints.

| Code         | Material                                                                             |                                                                                       |
|--------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|              |  |  |
| <b>13671</b> | n°100                                                                                | Nickel plated brass                                                                   |

## EXTRA LONG CROSS OR PARALLEL BLOCKS

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



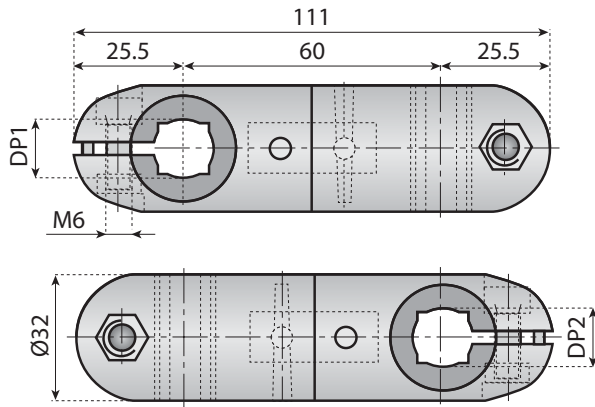
Nickel plated brass



Reinforced  
polyamide



Accessories



| Code   | DP1 |    | DP2 |    |       |
|--------|-----|----|-----|----|-------|
|        | ●   | ■  | ●   | ■  |       |
| 13651P | 14  | 12 | 14  | 12 | n°100 |
| 13652P | 14  | 12 | 15  | —  |       |
| 13653P | 14  | 12 | 16  | 14 |       |
| 13654P | 14  | 12 | 18  | —  |       |
| 13655P | 14  | 12 | 20  | 16 |       |
| 13656P | 15  | —  | 15  | —  |       |
| 13657P | 15  | —  | 16  | 14 |       |
| 13658P | 15  | —  | 18  | —  |       |
| 13659P | 15  | —  | 20  | 16 |       |
| 13660P | 16  | 14 | 16  | 14 |       |
| 13661P | 16  | 14 | 18  | —  |       |
| 13662P | 16  | 14 | 20  | 16 |       |
| 13663P | 18  | —  | 18  | —  |       |
| 13664P | 18  | —  | 20  | 16 |       |
| 13665P | 20  | 16 | 20  | 16 |       |

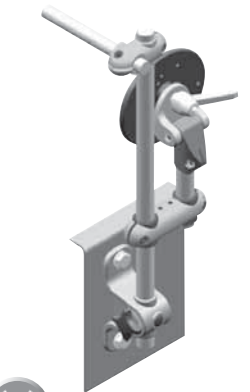
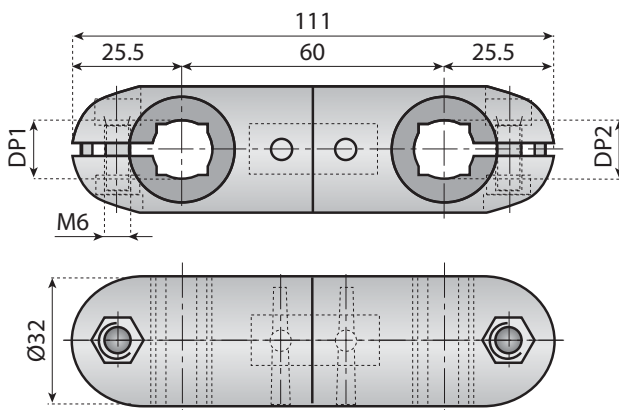
### EXTRA LONG CROSS BLOCKS

**Features:** cross blocks, in a variety of bore configurations, including square bore combinations, are manufactured from reinforced polyamide.

**Use:** it connects two round or square rods at 90°.

**Material:** reinforced polyamide with stainless steel bolts. Internal connecting joint and pins in nickel plated brass.

**Supply:** assembled.



| Code   | DP1 |    | DP2 |    |       |
|--------|-----|----|-----|----|-------|
|        | ●   | ■  | ●   | ■  |       |
| 13651L | 14  | 12 | 14  | 12 | n°100 |
| 13652L | 14  | 12 | 15  | —  |       |
| 13653L | 14  | 12 | 16  | 14 |       |
| 13654L | 14  | 12 | 18  | —  |       |
| 13655L | 14  | 12 | 20  | 16 |       |
| 13656L | 15  | —  | 15  | —  |       |
| 13657L | 15  | —  | 16  | 14 |       |
| 13658L | 15  | —  | 18  | —  |       |
| 13659L | 15  | —  | 20  | 16 |       |
| 13660L | 16  | 14 | 16  | 14 |       |
| 13661L | 16  | 14 | 18  | —  |       |
| 13662L | 16  | 14 | 20  | 16 |       |
| 13663L | 18  | —  | 18  | —  |       |
| 13664L | 18  | —  | 20  | 16 |       |
| 13665L | 20  | 16 | 20  | 16 |       |

### EXTRA LONG PARALLEL BLOCKS

**Features:** cross blocks, in a variety of bore configurations, including square bore combinations, are manufactured from reinforced polyamide.

**Use:** it connects two round or square rods at parallel.

**Material:** reinforced polyamide with stainless steel bolts. Internal connecting joint and pins in nickel plated brass.

**Supply:** assembled.

## T - CLAMP (BASE)

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



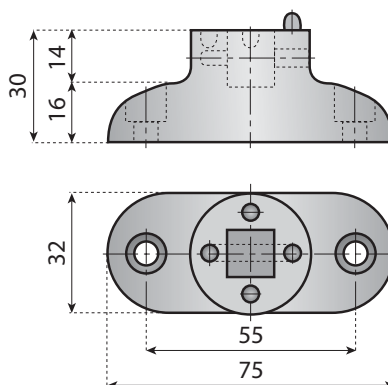
Nickel plated brass



Reinforced  
polyamide



Accessories



Code

**131008**



n°100

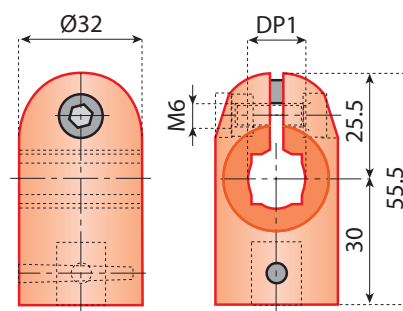
### T-MOBILE CLAMPS

**Features:** it mounts to the side of equipment to provide support for light duty application.

**Use:** with single cross block

**Material:** reinforced polyamide with stainless steel bolts.

**Supply:** unassembled



### CROSS BLOCKS

**Features:** cross blocks, in a variety of bore configurations, including square bore combinations, are manufactured from reinforced polyamide.

**Use:** connects two round or square rods at 90°.

**Material:** reinforced polyamide with stainless steel bolts.

**Supply:** unassembled.

Code

**13666**

**13667**

**13668**

**13669**

**13670**

DP1

●

■

14

15

16

18

20

12

—

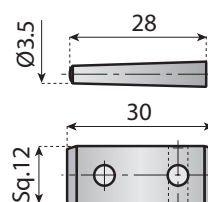
14

—

16



n°100



### CONNECTING JOINT AND PINS

**Supply:** separate two pins and one connecting joints.

Code

**13671**



n°100



Nickel plated brass

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



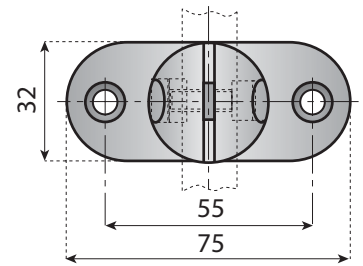
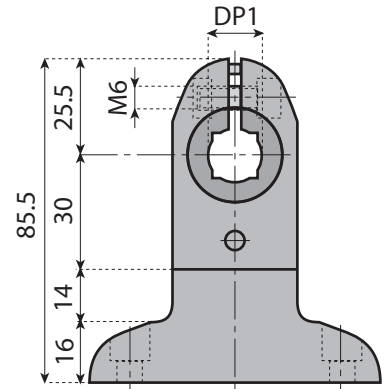
Nickel plated brass



Reinforced  
polyamide



Accessories



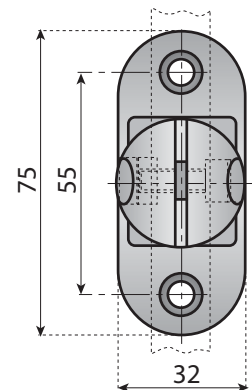
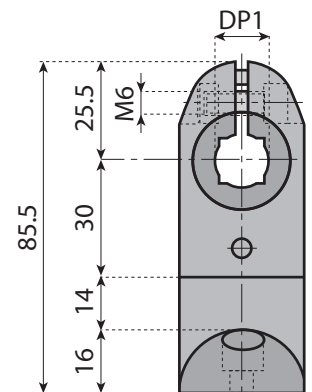
## T-MOBILE CLAMPS

**Features:** mounts to side of equipment to provide support light duty rod type guide rail system.

**Material:** reinforced polyamide with stainless steel bolts; Internal connecting joints and pins in nickel plated brass.

**Supply:** assembled.

| Code           | ●  | DP1 | ■ |       |
|----------------|----|-----|---|-------|
| <b>131010P</b> | 14 | 12  |   | n°100 |
| <b>131011P</b> | 15 | –   |   |       |
| <b>131012P</b> | 16 | 14  |   |       |
| <b>131013P</b> | 18 | –   |   |       |
| <b>131014P</b> | 20 | 16  |   |       |



## T-MOBILE CLAMPS

**Features:** mounts to side of equipment to provide support light duty rod type guide rail system.

**Material:** reinforced polyamide with stainless steel bolts; Internal connecting joints and pins in nickel plated brass.

**Supply:** assembled.

| Code           | ●  | DP1 | ■ |       |
|----------------|----|-----|---|-------|
| <b>131010L</b> | 14 | 12  |   | n°100 |
| <b>131011L</b> | 15 | –   |   |       |
| <b>131012L</b> | 16 | 14  |   |       |
| <b>131013L</b> | 18 | –   |   |       |
| <b>131014L</b> | 20 | 16  |   |       |



## STANDARD CROSS BLOCKS



AISI 304  
Stainless steel



Acetal resin

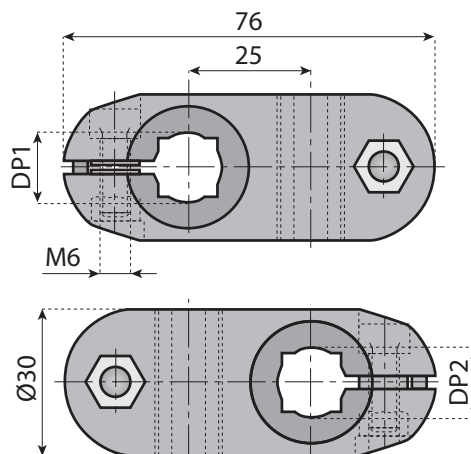


Reinforced  
polyamide



Accessories

Preferred type, readily available (codes marked in red)



| Code          | DP1 |    | DP2 |    |      |
|---------------|-----|----|-----|----|------|
|               | ●   | ■  | ●   | ■  |      |
| <b>13105</b>  | 14  | 12 | 14  | 12 | n°50 |
| <b>13106</b>  | 14  | 12 | 15  | —  |      |
| <b>13107</b>  | 14  | 12 | 16  | 14 |      |
| <b>13111</b>  | 14  | 12 | 18  | —  |      |
| <b>13140</b>  | 14  | 12 | 20  | 16 |      |
| <b>13108</b>  | 15  | —  | 15  | —  |      |
| <b>13109</b>  | 15  | —  | 16  | 14 |      |
| <b>13112</b>  | 15  | —  | 18  | —  |      |
| <b>13141</b>  | 15  | —  | 20  | 16 |      |
| <b>13110</b>  | 16  | 14 | 16  | 14 |      |
| <b>13113</b>  | 16  | 14 | 18  | —  |      |
| <b>13142</b>  | 16  | 14 | 20  | 16 |      |
| <b>13093</b>  | 18  | —  | 18  | —  |      |
| <b>13143</b>  | 18  | —  | 20  | 16 |      |
| <b>13104</b>  | 20  | 16 | 20  | 16 |      |
| <b>13104K</b> | —   | 16 | 20  | 16 |      |

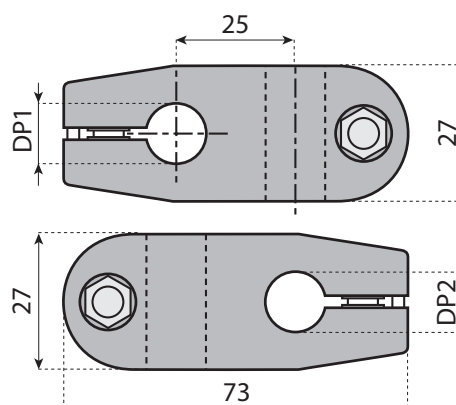
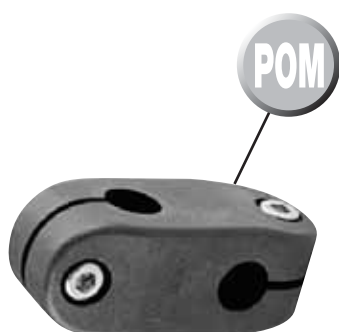
### CROSS BLOCK

**Features:** cross blocks, in a variety of bore configurations, including square bore combinations, are manufactured from reinforced polyamide.

**Use:** connects two round or square rods at 90°.

**Material:** reinforced polyamide with stainless steel fasteners.

**Supply:** assembled.



### HEAVY DUTY CROSS BLOCK

**Features:** cross blocks, in a variety of bore configurations, including square bore combinations, are manufactured from reinforced acetal.

**Use:** connects two round or square rods at 90°.

**Material:** acetal resin with stainless steel fasteners.

**Supply:** assembled.

| Code     | Ref.          | DP1 | DP2 | <br><br>n°10 |
|----------|---------------|-----|-----|---------------------------------------------------------------------------------------------------|
| 13500106 | VG-620-12-12M | 12  | 12  |                                                                                                   |
| 13500107 | VG-620-12-16M | 12  | 16  |                                                                                                   |
| 13500108 | VG-620-14-14M | 14  | 14  |                                                                                                   |
| 13500109 | VG-620-15-15M | 15  | 15  |                                                                                                   |
| 13500110 | VG-620-16-16M | 16  | 16  |                                                                                                   |
| 13500111 | VG-620-18-18M | 18  | 18  |                                                                                                   |

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



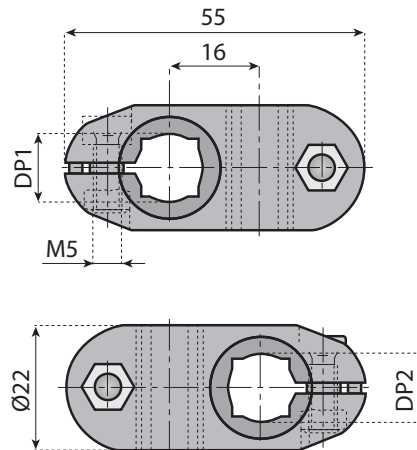
Acetal resin



Reinforced  
polyamide



Accessories



## MINI CROSS BLOCK

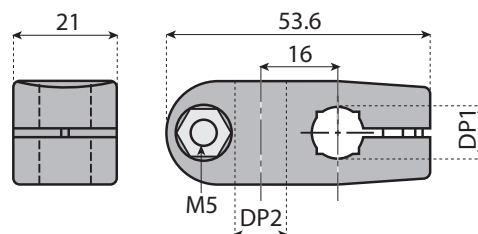
**Features:** cross blocks, in a variety of bore configurations, including square bore combinations, are manufactured from reinforced polyamide.

**Use:** connects two round or square rods at 90°.

**Material:** reinforced polyamide with stainless steel fasteners.

**Supply:** assembled.

| Code         | DP1 |    | DP2 |    |  |
|--------------|-----|----|-----|----|---------------------------------------------------------------------------------------|
|              | ●   | ■  | ●   | ■  |                                                                                       |
| <b>13151</b> | 10  | 8  | 10  | 8  | n°50                                                                                  |
| <b>13145</b> | 10  | 8  | 12  | 10 |                                                                                       |
| <b>13146</b> | 10  | 8  | 14  | 12 |                                                                                       |
| <b>13114</b> | 12  | 10 | 12  | 10 |                                                                                       |
| <b>13147</b> | 12  | 10 | 14  | 12 |                                                                                       |
| <b>13160</b> | 14  | 12 | 14  | 12 |                                                                                       |



## HEAVY DUTY MINI CROSS BLOCK

**Features:** cross blocks, in a variety of bore configurations, including square bore combinations, are manufactured from reinforced polyamide.

**Use:** connects two round or square rods at 90°.

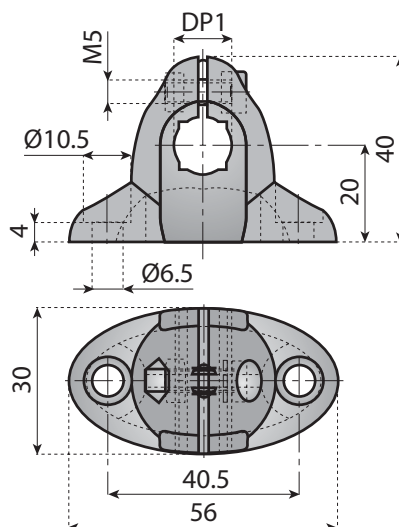
**Material:** acetal resin with stainless steel fasteners.

**Supply:** assembled.

| Code            | Ref.       | DP1 |    | DP2 |    |  |
|-----------------|------------|-----|----|-----|----|---------------------------------------------------------------------------------------|
|                 |            | ●   | ■  | ●   | ■  |                                                                                       |
| <b>13S00114</b> | VG-619-10M | 10  | 8  | 10  | 8  | n°10                                                                                  |
| <b>13S00115</b> | VG-619-12M | 12  | 10 | 12  | 10 |                                                                                       |
| <b>13S00116</b> | VG-619-14M | 14  | 12 | 14  | 12 |                                                                                       |

## T. CLAMP

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Reinforced  
polyamide



Accessories

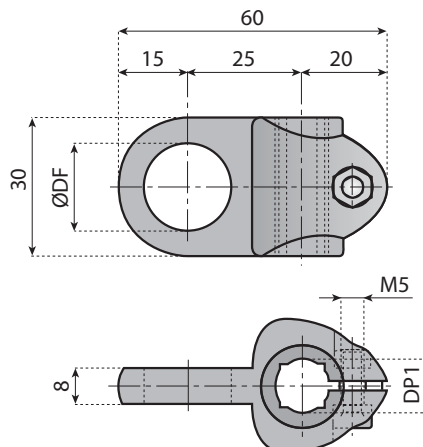
### T-CLAMP

**Features:** mounts to side of equipment to provide support for light duty rod type guide rail system.

**Material:** reinforced polyamide with stainless steel fasteners.

**Supply:** assembled.

| Code         | DP1 |    |  |
|--------------|-----|----|-------------------------------------------------------------------------------------|
|              | ●   | ■  |                                                                                     |
| <b>13152</b> | 10  | 8  | n°50                                                                                |
| <b>13115</b> | 12  | 10 |                                                                                     |
| <b>13161</b> | 14  | 12 |                                                                                     |



| Code         | DP1 |    | Ø DF |  |
|--------------|-----|----|------|---------------------------------------------------------------------------------------|
|              | ●   | ■  |      |                                                                                       |
| <b>13600</b> |     |    | 8    | n°50                                                                                  |
| <b>13601</b> |     |    | 10   |                                                                                       |
| <b>13602</b> | 10  | 8  | 12   |                                                                                       |
| <b>13603</b> |     |    | 14   |                                                                                       |
| <b>13604</b> |     |    | 16   |                                                                                       |
| <b>13153</b> |     |    | 19   | n°50                                                                                  |
| <b>13605</b> |     |    | 8    |                                                                                       |
| <b>13606</b> |     |    | 10   |                                                                                       |
| <b>13607</b> | 12  | 10 | 12   |                                                                                       |
| <b>13608</b> |     |    | 14   |                                                                                       |
| <b>13609</b> |     |    | 16   | n°50                                                                                  |
| <b>13116</b> |     |    | 19   |                                                                                       |
| <b>13610</b> |     |    | 8    |                                                                                       |
| <b>13611</b> |     |    | 10   |                                                                                       |
| <b>13612</b> | 14  | 12 | 12   |                                                                                       |
| <b>13613</b> |     |    | 14   | n°50                                                                                  |
| <b>13614</b> |     |    | 16   |                                                                                       |
| <b>13162</b> |     |    | 19   |                                                                                       |

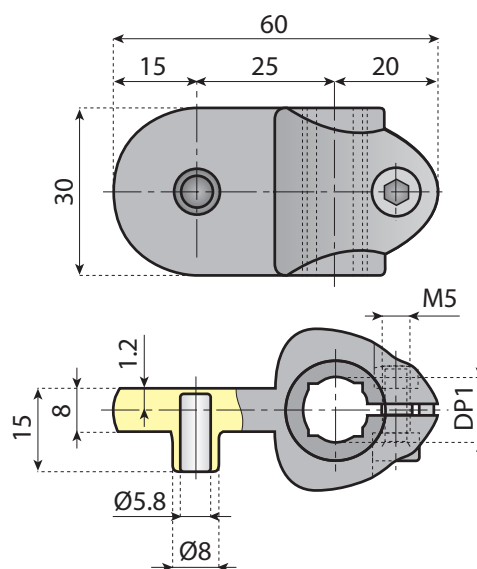
### CLAMP

**Features:** used to hold many types of accessories. Numerous bore sizes available.

**Material:** reinforced polyamide with stainless steel fasteners.

**Supply:** assembled.

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Reinforced  
polyamide

## REFLECTOR CLAMP

**Features:** used to hold reflectors using a cap screw and nut or pression clip.

**Material:** reinforced polyamide with stainless steel fasteners.

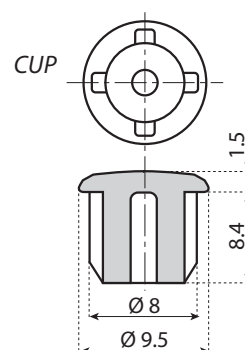
**Supply:** assembled.

| Code         | DP1                                                                                 |                                                                                       |  |
|--------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|              |  |  |                                                                                      |
| <b>13157</b> | 10                                                                                  | 8                                                                                     | n°50                                                                                 |
| <b>13158</b> | 12                                                                                  | 10                                                                                    |                                                                                      |
| <b>13159</b> | 14                                                                                  | 12                                                                                    |                                                                                      |



## TUBE

- external d. 10 mm
- thickness 1 mm
- length 6 m



| Code         |  | Material    |
|--------------|-------------------------------------------------------------------------------------|-------------|
| <b>13155</b> | n°50                                                                                | SS AISI 304 |

| Code         |  | Material |
|--------------|---------------------------------------------------------------------------------------|----------|
| <b>13156</b> | n°100                                                                                 | PA-FG    |

# MOUNTING ASSEMBLY KIT

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Reinforced  
polyamide



Polyethylene



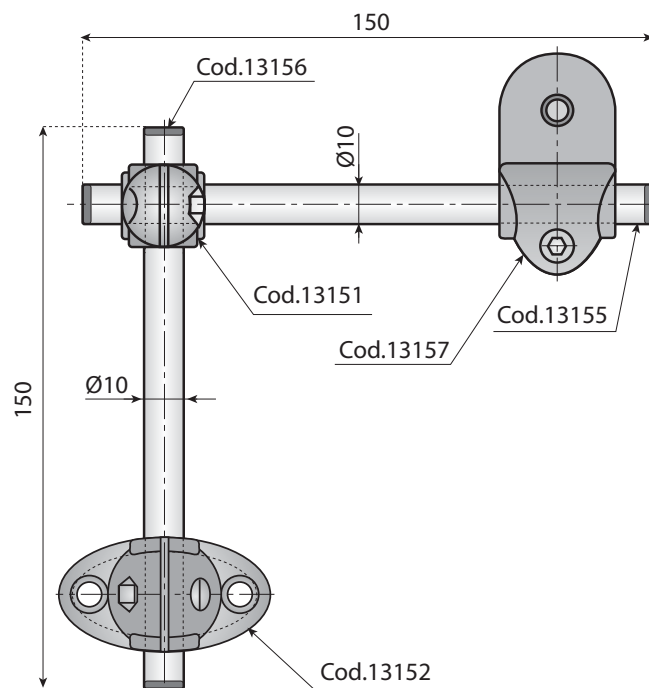
## REFLECTOR MOUNTING ASSEMBLY KIT (for reflector)

**Material:** clamps in reinforced polyamide tightening bolt and connecting tubes in stainless steel AISI 304, closing caps in polyethylene.

**Components:** nr° 1 T-Clamp, nr° 1 clamp, nr° 1 cross block, nr° 2 connecting tubes, nr° 4 closing caps.

**Supply:** unassembled.

**\*Packaging:** 25 completely kit.

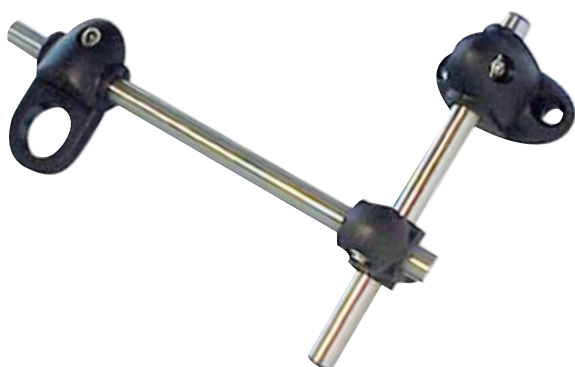


Code

**13148**



n°25\*



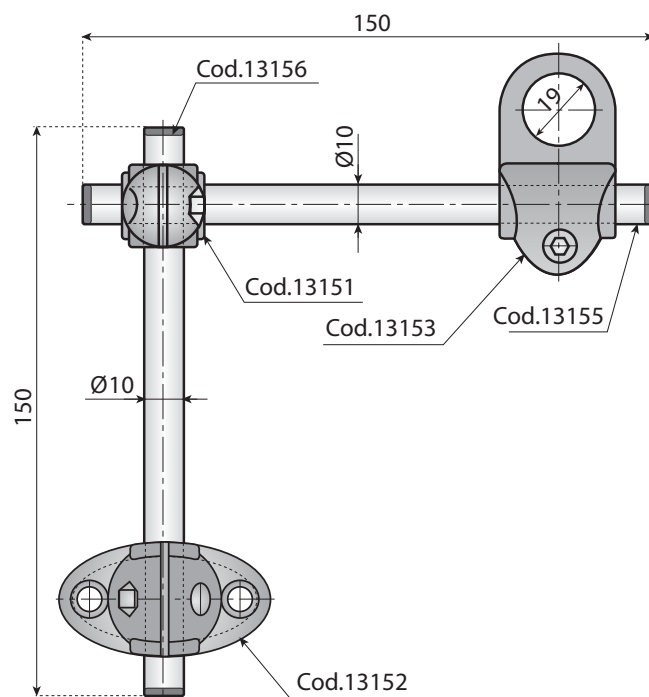
## REFLECTOR MOUNTING ASSEMBLY KIT (for reflector)

**Material:** clamps in reinforced polyamide tightening bolt and connecting tubes in stainless steel AISI 304, closing caps in polyethylene.

**Components:** nr° 1 T-Clamp, nr° 1 clamp, nr° 1 cross block, nr° 2 connecting tubes, nr° 4 closing caps.

**Supply:** unassembled.

**\*Packaging:** 25 completely kit.



Code

**13154**



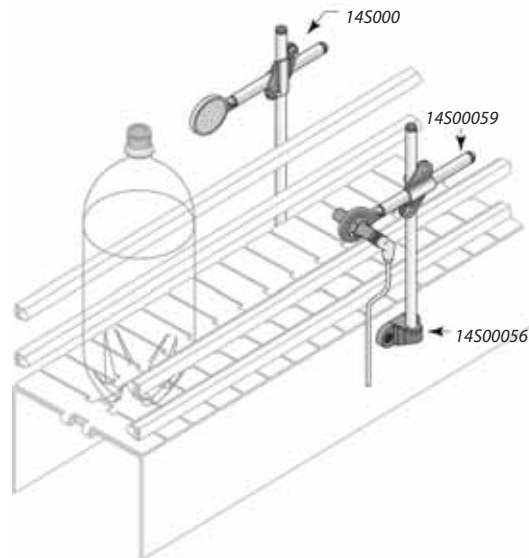
n°25\*

## UNIVERSAL ACCESSORY HOLDERS

Photocells, sensors, spray heads, miniature pneumatics, plus many other accessories can easily be held in place using accessory holders. These multi-axis assemblies are designed to offer unlimited possibilities for mounting accessories on conveyors and machinery of all types. Made of corrosion resistant thermoplastic and stainless steel, accessory holder can withstand harsh operating environments.

Accessory holders are configured to mount sensor or reflectors of various dimensions. The components are available as loose parts or as an assembly kit.

**Material:** clamps in reinforced polyamide, tubes in stainless steel AISI 304.



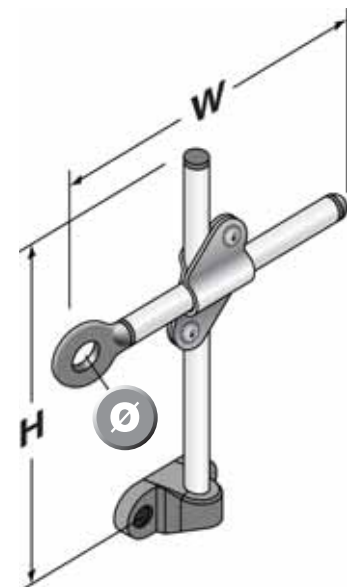
Stainless steel



Reinforced polyamide



|  | Code     | Ref.           | W   | H   |      |      |
|--|----------|----------------|-----|-----|------|------|
|  | 14S00050 | VG-625-30-3506 | 120 | 95  | 6.5  | n°10 |
|  | 14S00071 | VG-625-30-5006 | 120 | 135 |      |      |
|  | 14S00072 | VG-625-45-3506 | 155 | 95  |      |      |
|  | 14S00053 | VG-625-45-5006 | 155 | 135 |      |      |
|  | 14S00073 | VG-625-30-3510 | 120 | 95  | 9.5  | n°10 |
|  | 14S00074 | VG-625-30-5010 | 120 | 135 |      |      |
|  | 14S00051 | VG-625-45-3510 | 155 | 95  |      |      |
|  | 14S00075 | VG-625-45-5010 | 155 | 135 |      |      |
|  | 14S00076 | VG-625-30-3513 | 120 | 95  | 12.7 | n°10 |
|  | 14S00077 | VG-625-30-5013 | 120 | 135 |      |      |
|  | 14S00078 | VG-625-45-3513 | 155 | 95  |      |      |
|  | 14S00079 | VG-625-45-5013 | 155 | 135 |      |      |
|  | 14S00080 | VG-625-30-3516 | 120 | 95  | 16   | n°10 |
|  | 14S00081 | VG-625-30-5016 | 120 | 135 |      |      |
|  | 14S00082 | VG-625-45-3516 | 155 | 95  |      |      |
|  | 14S00083 | VG-625-45-5016 | 155 | 135 |      |      |
|  | 14S00084 | VG-625-30-3519 | 120 | 95  | 19   | n°10 |
|  | 14S00052 | VG-625-30-5019 | 120 | 135 |      |      |
|  | 14S00085 | VG-625-45-3519 | 155 | 95  |      |      |
|  | 14S00054 | VG-625-45-5019 | 155 | 135 |      |      |

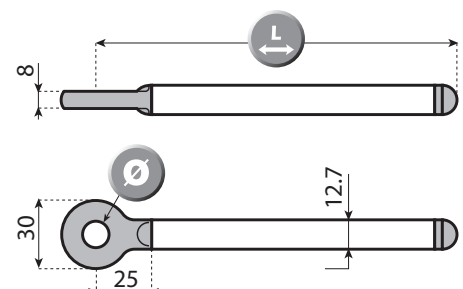


## ACCESSORY HOLDER

**Material:** clamps in reinforced polyamide, tubes in stainless steel AISI 304.

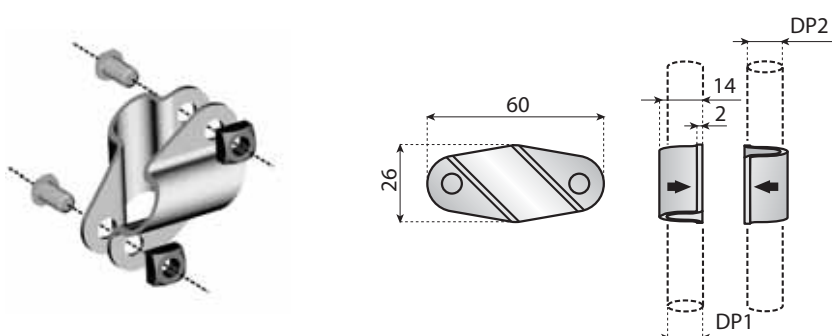


| Code     | Ref.            | L      | Ø    |      |
|----------|-----------------|--------|------|------|
| 14S00060 | VG-628-35-12-14 | 120 mm | 6.4  | n°10 |
| 14S00062 | VG-628-35-12-38 |        | 9.5  |      |
| 14S00059 | VG-628-35-12-12 |        | 12.7 |      |
| 14S00063 | VG-628-35-12-58 |        | 16   |      |
| 14S00061 | VG-628-35-12-34 |        | 19   |      |
| 14S00065 | VG-628-50-12-14 | 155 mm | 6.4  | n°10 |
| 14S00067 | VG-628-50-12-38 |        | 9.5  |      |
| 14S00064 | VG-628-50-12-12 |        | 12.7 |      |
| 14S00068 | VG-628-50-12-58 |        | 16   |      |
| 14S00066 | VG-628-50-12-34 |        | 19   |      |



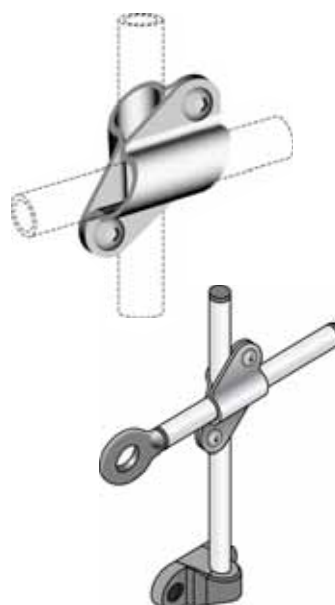
# ACCESSORY HOLDERS

 Preferred type, readily available (codes marked in red)



## CROSS CLAMP IN STAINLESS STEEL

| Code            | Ref.         | DP1     | DP2     |  | Material    |
|-----------------|--------------|---------|---------|-----------------------------------------------------------------------------------|-------------|
| <b>14S00069</b> | VG-629-12-12 | 12.7 mm | 12.7 mm | n°10                                                                              | SS AISI 304 |



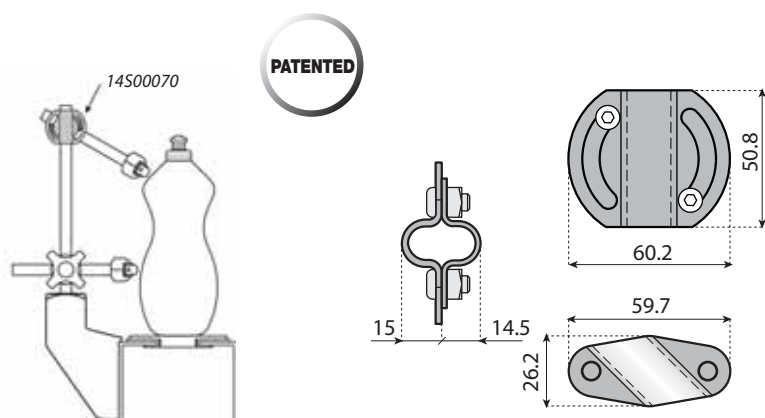
**SS 304**  
AISI 304  
Stainless steel

**PA**  
Polyamide

**PATENT FEATURE**

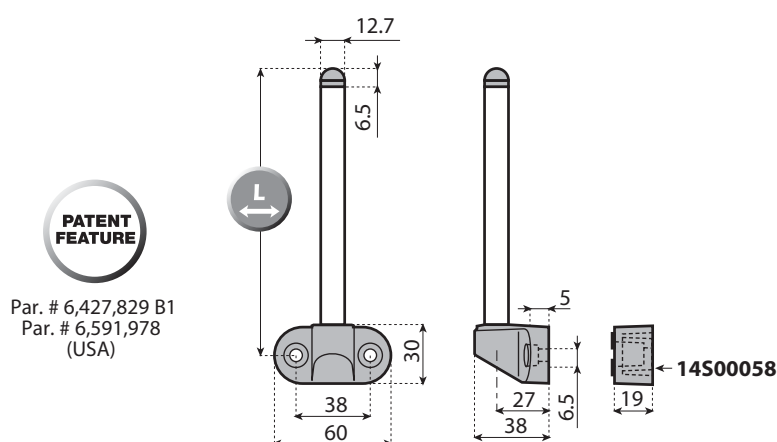
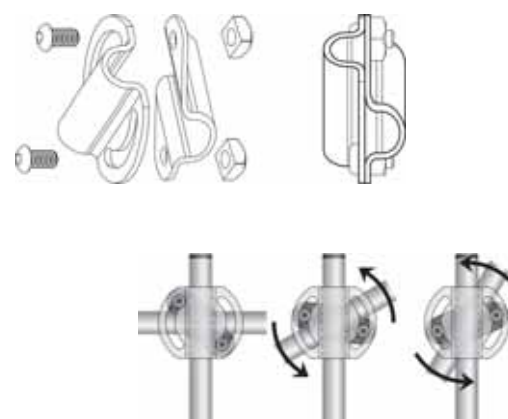
Par. # 6,591,978  
(USA)

**Ø 12.7**  
External diameter



## CROSS CLAMP ADJUSTABLE IN STAINLESS STEEL

| Code            | Ref.          | DP1     | DP2     |  | Material    |
|-----------------|---------------|---------|---------|-------------------------------------------------------------------------------------|-------------|
| <b>14S00070</b> | VG-629R-12-12 | 12.7 mm | 12.7 mm | n°10                                                                                | SS AISI 304 |



Par. # 6,427,829 B1  
Par. # 6,591,978  
(USA)

## MODEL T-ROD

**Material:** clamps in reinforced polyamide, tubes in stainless steel AISI 304.

| Code            | Ref.         |  |  |
|-----------------|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>14S00055</b> | VG-627-30-12 | 95                                                                                  | n°10                                                                                |
| <b>14S00056</b> | VG-627-45-12 | 135                                                                                 |                                                                                     |
| <b>14S00057</b> | VG-627-80-12 | 220                                                                                 |                                                                                     |

## SPACERS

| Code            | Ref.       |  |
|-----------------|------------|---------------------------------------------------------------------------------------|
| <b>14S00058</b> | VG-627S-34 | n°10                                                                                  |

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



Accessories

## EXTRA CROSS BLOCK STANDARD

**Material:** reinforced polyamide bolts and nut in stainless steel.

**Supply:** assembled.

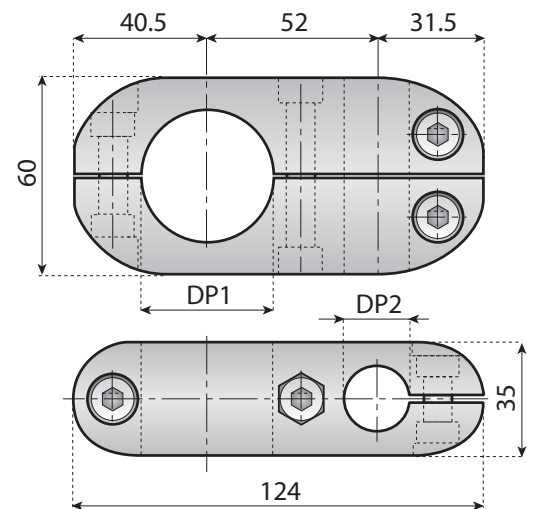
**Note:** max recommended tightening torque 3 Kgm.



| Code  | DP1  | DP2 |    |
|-------|------|-----|----|
| 13509 | 40   | 20  |    |
| 13510 | 40   | 20  |    |
| 13511 | 40   | 18  | 15 |
| 13512 | 40   | 16  |    |
| 13513 | 30   | 20  |    |
| 13514 | 30   | 20  |    |
| 13515 | 30   | 18  | 15 |
| 13516 | 30   | 16  |    |
| 13517 | 42.4 | 20  |    |
| 13518 | 42.4 | 20  |    |
| 13519 | 42.4 | 18  | 15 |
| 13520 | 42.4 | 16  |    |
| 13521 | 38.1 | 20  |    |
| 13522 | 38.1 | 20  |    |
| 13523 | 38.1 | 18  | 15 |
| 13524 | 38.1 | 16  |    |



n°50



## EXTRA CROSS BLOCK WITH HANDLES

**Material:** cross block in reinforced polyamide, bolts and nut in stainless steel, adjustable handles in reinforced polyamide with insert in nickel plated brass.

**Application:** for use in areas where frequent adjusting is required for vertical movement.

**Supply:** assembled.

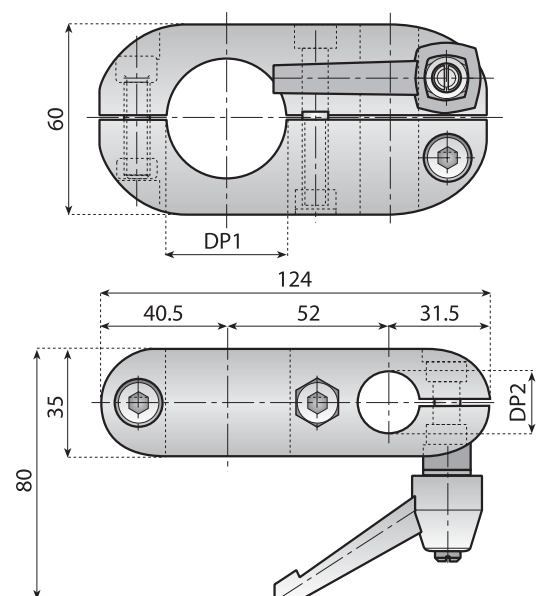
**Note:** max recommended tightening torque 3 Kgm.



| Code   | DP1  | DP2 |    |
|--------|------|-----|----|
| 13509V | 40   | 20  |    |
| 13510V | 40   | 20  |    |
| 13511V | 40   | 18  | 15 |
| 13512V | 40   | 16  |    |
| 13513V | 30   | 20  |    |
| 13514V | 30   | 20  |    |
| 13515V | 30   | 18  | 15 |
| 13516V | 30   | 16  |    |
| 13517V | 42.4 | 20  |    |
| 13518V | 42.4 | 20  |    |
| 13519V | 42.4 | 18  | 15 |
| 13520V | 42.4 | 16  |    |
| 13521V | 38.1 | 20  |    |
| 13522V | 38.1 | 20  |    |
| 13523V | 38.1 | 18  | 15 |
| 13524V | 38.1 | 16  |    |



n°50



# EXTRA CROSS BLOCK

 Preferred type, readily available (codes marked in red)

## EXTRA CROSS BLOCK WITH HANDLES

**Material:** cross block in reinforced polyamide, bolts and nut in stainless steel, adjustable handles in reinforced polyamide with insert in nickel plated brass.

**Applications:** for use in areas where frequent adjusting is required for horizontal and vertical movement.

**Supply:** assembled.

**Note:** max recommended tightening torque 3 Kgm.



| Code    | DP1  | DP2 |    |
|---------|------|-----|----|
| 13509HV | 40   | 20  |    |
| 13510HV | 40   | 20  |    |
| 13511HV | 40   | 18  | 15 |
| 13512HV | 40   | 16  |    |
| 13513HV | 30   | 20  |    |
| 13514HV | 30   | 20  |    |
| 13515HV | 30   | 18  | 15 |
| 13516HV | 30   | 16  |    |
| 13517HV | 42.4 | 20  |    |
| 13518HV | 42.4 | 20  |    |
| 13519HV | 42.4 | 18  | 15 |
| 13520HV | 42.4 | 16  |    |
| 13521HV | 38.1 | 20  |    |
| 13522HV | 38.1 | 20  |    |
| 13523HV | 38.1 | 18  | 15 |
| 13524HV | 38.1 | 16  |    |

n°50



AISI 304  
Stainless steel



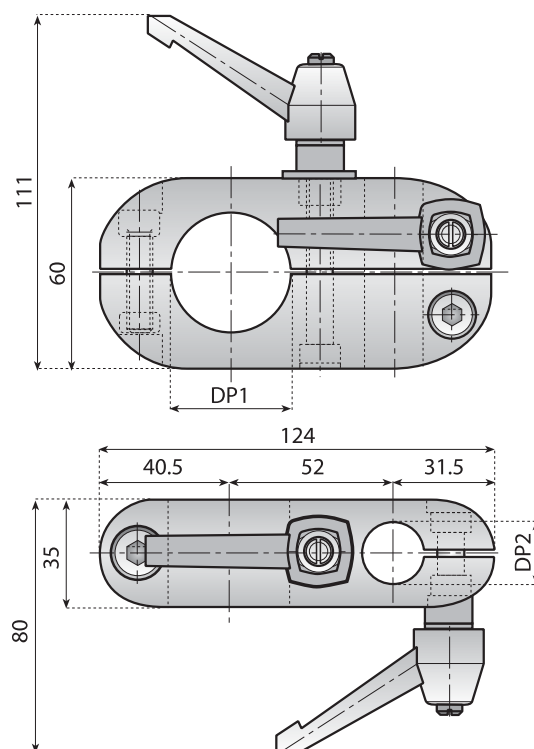
Nickel plated brass



Reinforced  
polyamide



Accessories



## EXTRA CROSS BLOCK WITH HANDLES

**Material:** cross block in reinforced polyamide, bolts and nut in stainless steel, adjustable handles in reinforced polyamide with insert in nickel plated brass.

**Applications:** for use in areas where frequent adjusting is required for horizontal and vertical movement.

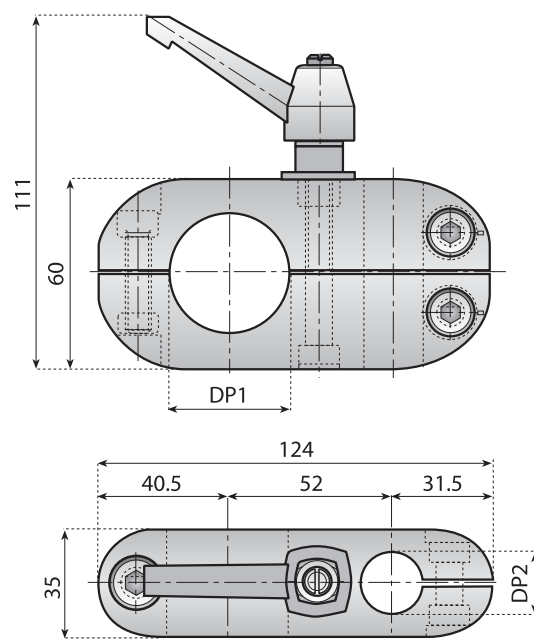
**Supply:** assembled.

**Note:** max recommended tightening torque 3 Kgm.



| Code   | DF 1 | DF 2 |    |
|--------|------|------|----|
| 13509H | 40   | 20   |    |
| 13510H | 40   | 20   |    |
| 13511H | 40   | 18   | 15 |
| 13512H | 40   | 16   |    |
| 13513H | 30   | 20   |    |
| 13514H | 30   | 20   |    |
| 13515H | 30   | 18   | 15 |
| 13516H | 30   | 16   |    |
| 13517H | 42.4 | 20   |    |
| 13518H | 42.4 | 20   |    |
| 13519H | 42.4 | 18   | 15 |
| 13520H | 42.4 | 16   |    |
| 13521H | 38.1 | 20   |    |
| 13522H | 38.1 | 20   |    |
| 13523H | 38.1 | 18   | 15 |
| 13524H | 38.1 | 16   |    |

n°50



 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



Accessories



## BRACKET WITH HAND KNOB

(Hand knob/eyelet does not mark rod surface)

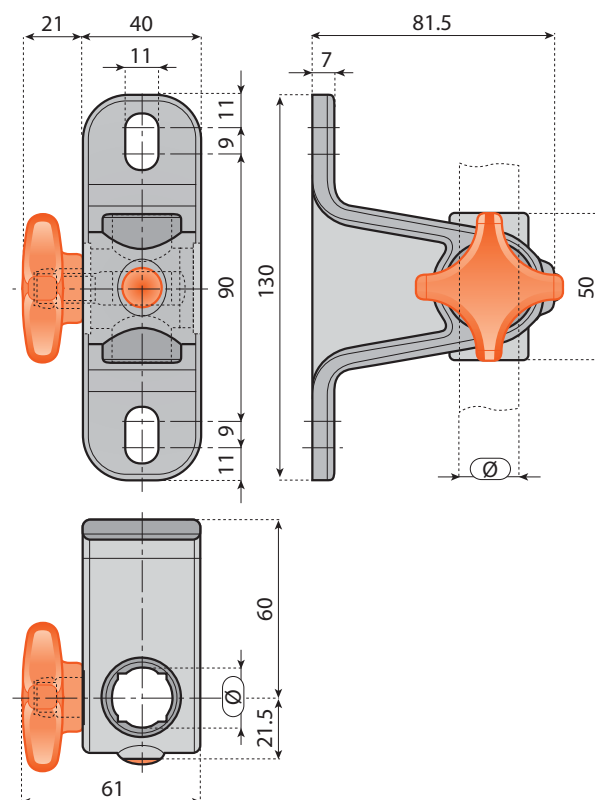
**Material:** bracket in reinforced polyamide, eyelet in metal, knob in polyamide with bushing insert in nickel plated brass, washer in stainless steel.

**Features:** knob fastening provides holding and positioning for many rods.

Heavy duty construction for increased strength and rigidity.

**Supply:** assembled.

| Code         | For rod Ø (mm) |    |  |
|--------------|----------------|----|-------------------------------------------------------------------------------------|
|              | ●              | ■  |                                                                                     |
| <b>13231</b> | 14             | 12 | n°50                                                                                |
| <b>13232</b> | 15             | –  |                                                                                     |
| <b>13233</b> | 16             | 14 |                                                                                     |
| <b>13234</b> | 18             | –  |                                                                                     |
| <b>13235</b> | 20             | 16 |                                                                                     |

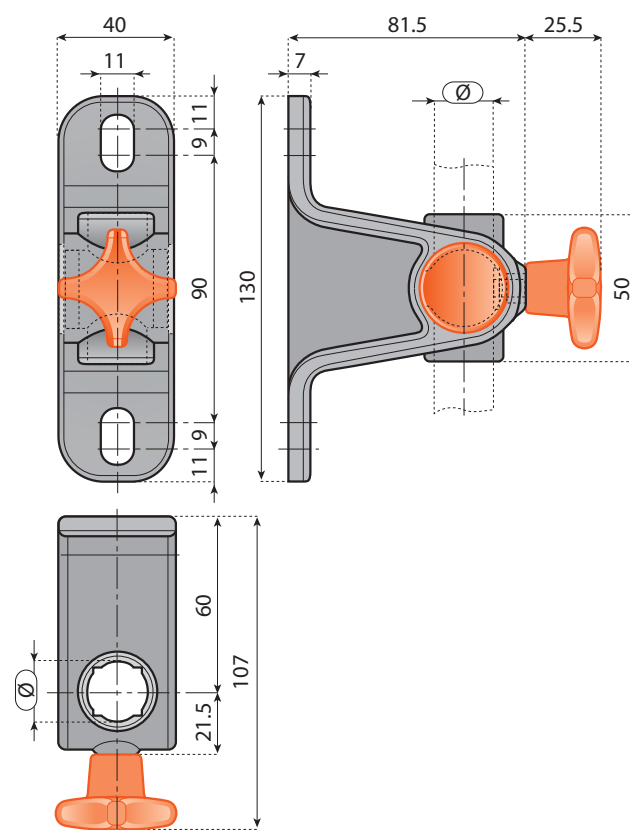


## BRACKET WITH SCREW OR HAND KNOB

**Material:** bracket in reinforced polyamide, stainless steel screw, knob in polyamide with threaded insert in stainless steel.

**Supply:** assembled.

| Code         |              | For rod Ø (mm) |    |  |
|--------------|--------------|----------------|----|-------------------------------------------------------------------------------------|
| with screw   | with knob    | ●              | ■  |                                                                                     |
| <b>13236</b> | <b>13237</b> | 14             | 12 | n°50                                                                                |
| <b>13238</b> | <b>13239</b> | 15             | –  |                                                                                     |
| <b>13240</b> | <b>13241</b> | 16             | 14 |                                                                                     |
| <b>13242</b> | <b>13243</b> | 18             | –  |                                                                                     |
| <b>13244</b> | <b>13245</b> | 20             | 16 |                                                                                     |



# UNIVERSAL CLAMP FOR PHOTOCELLS OR REFLECTORS

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



Accessories



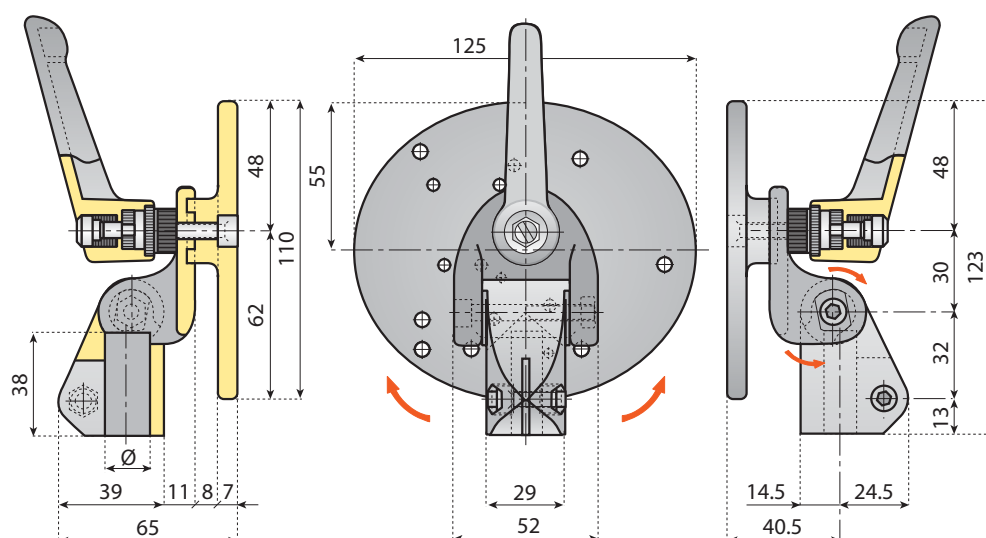
*Movement  
on the  
three axis*

## UNIVERSAL CLAMP WITH ADJUSTABLE HANDLE FOR PHOTOCELLS OR REFLECTORS

**Material:** clamp in reinforced polyamide, tightening bolt in stainless steel, adjustable handle in polyamide with threaded insert in nickel plated brass.

**Supply:** assembled.

**Note:** max recommended tightening torque 2 Kgm.



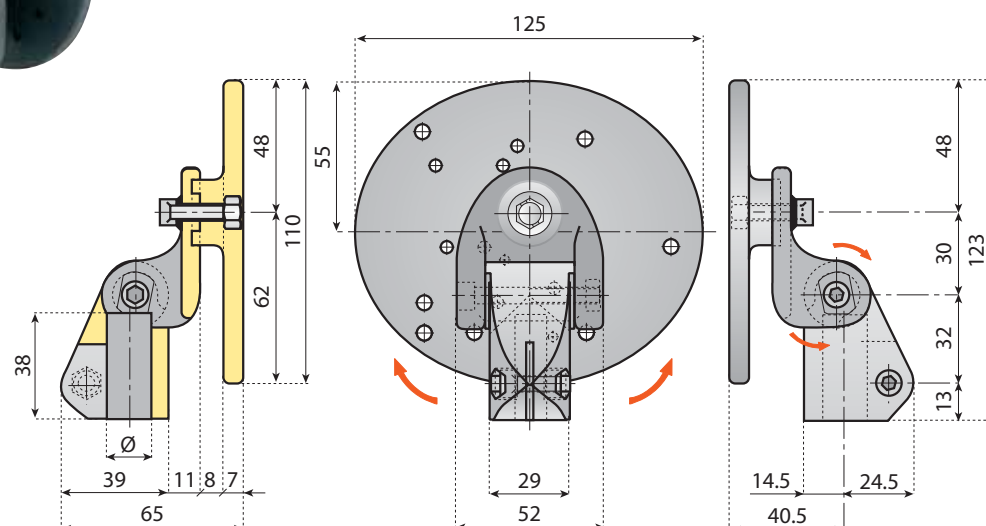
*Movement  
on the  
three axis*

## UNIVERSAL CLAMP FOR PHOTOCELLS OR REFLECTORS

**Material:** clamp in reinforced polyamide, tightening bolt in stainless steel.

**Supply:** assembled.

**Note:** max recommended tightening torque 2 Kgm.



### Code

|       |    |      |
|-------|----|------|
| 13616 | 14 | n°50 |
| 13617 | 15 |      |
| 13618 | 16 |      |
| 13619 | 18 |      |
| 13620 | 20 |      |



AISI 304  
Stainless steel

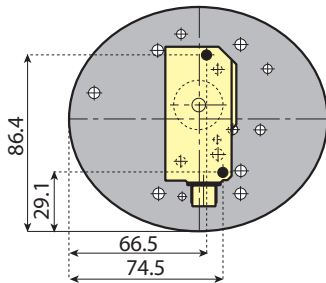


Reinforced  
polyamide

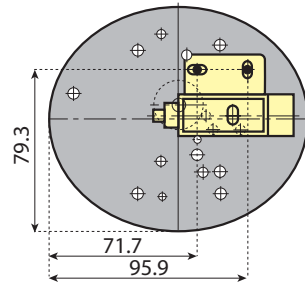


Accessories

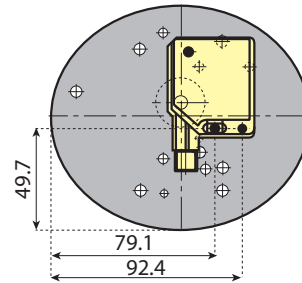
PRK 95 LEUZE



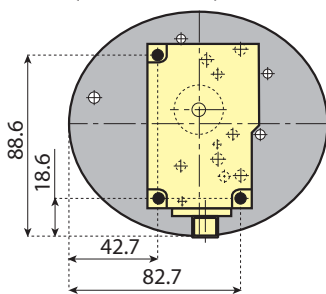
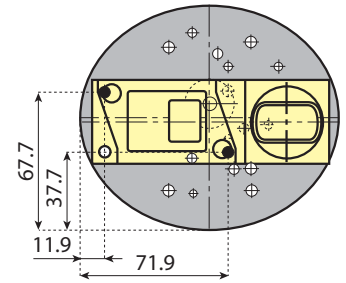
OMRON E3S-DS30B



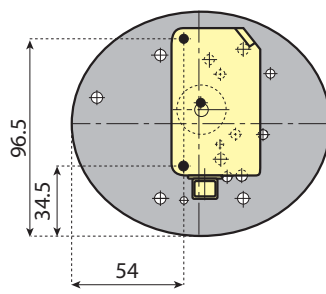
WT12 SICK



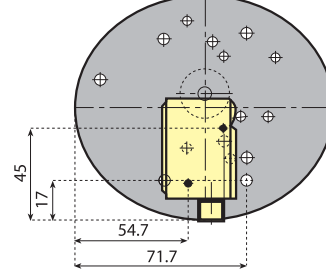
OMRON E3N-R5H4



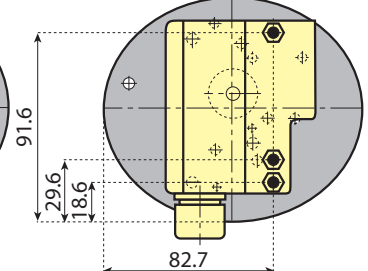
WT27 SICK-WL27 SICK



PRK 46 LEUZE



PRK 18 LEUZE



PRK 46 LEUZE



## KIT UNIVERSAL CLAMP FOR PHOTOCELLS OR REFLECTORS WITH TUBE

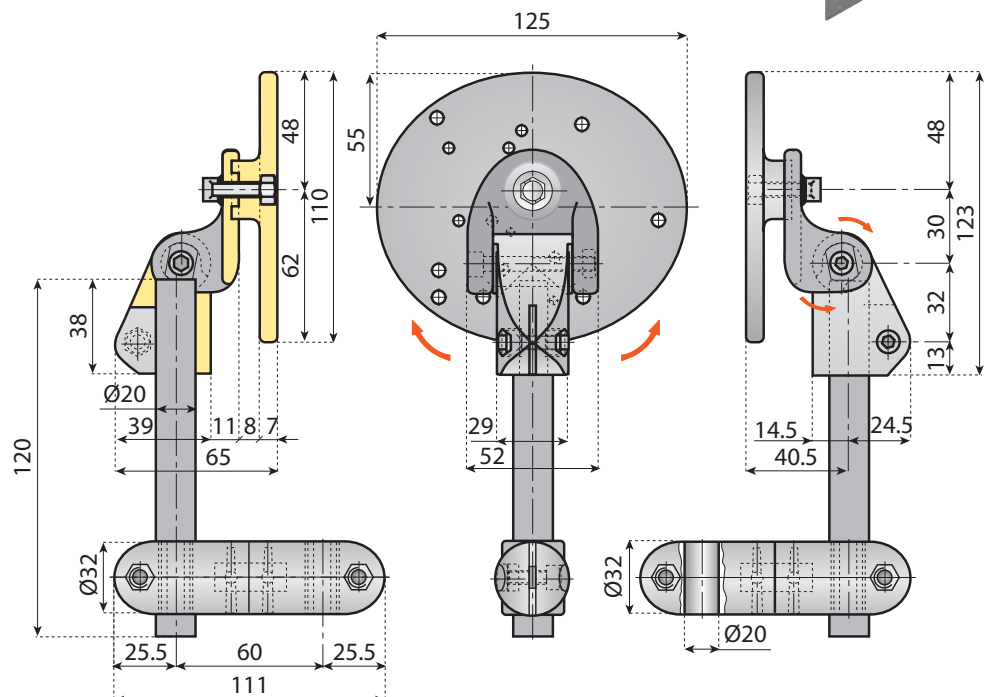
Material: cross clamp in reinforced polyamide, tightening bolt and tube in stainless steel.

Supply: assembled.

Note: max recommended tightening torque 2 Kgm.



Movement  
on the  
three axis



Code

13615



20



n°50

# CLAMP FOR PHOTOCELLS OR REFLECTORS

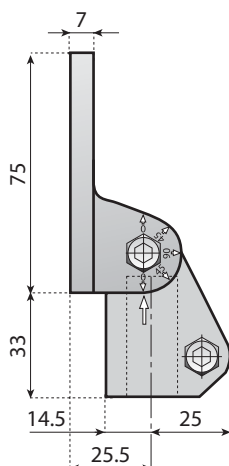
 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Reinforced  
polyamide



Pos. A

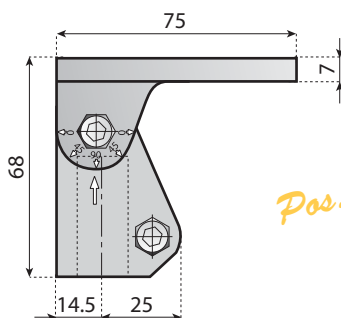
## CLAMP FOR PHOTOCELLS OR REFLECTORS

**Material:** reinforced polyamide, tightening bolts in stainless steel AISI 304.

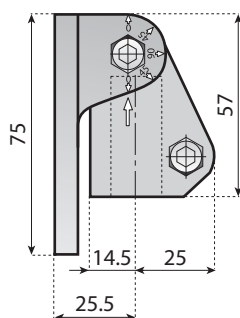
**Use:** can be fitted in position A - B - C

**Supply:** assembled, (position A).

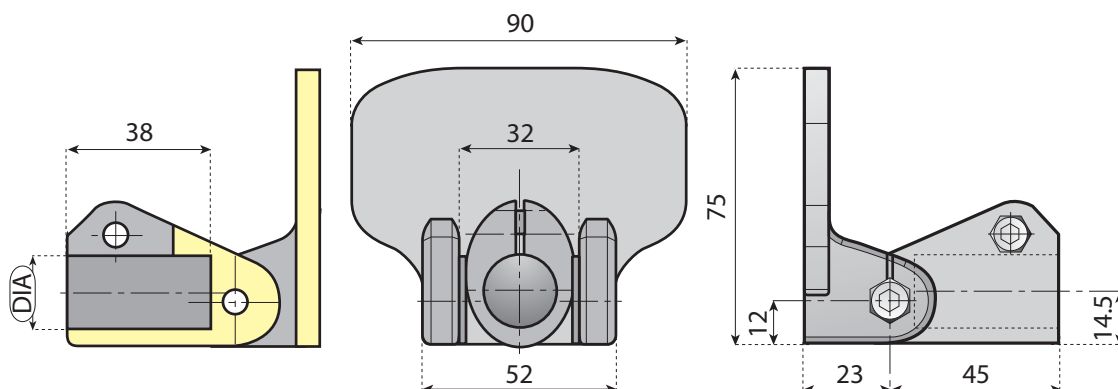
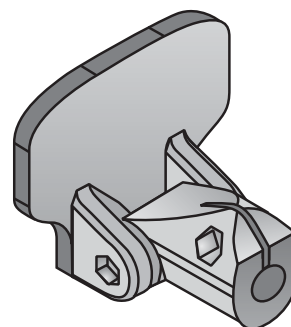
| Code         | For rod Ø (mm) |      |
|--------------|----------------|------|
| <b>13500</b> | 14             |      |
| <b>13505</b> | 15             |      |
| <b>13506</b> | 16             |      |
| <b>13507</b> | 18             | n°50 |
| <b>13508</b> | 20             |      |



Pos. B



Pos. C



 Preferred type, readily available (codes marked in red)



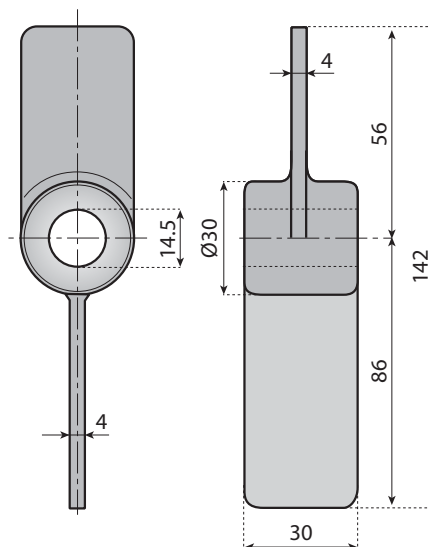
AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



## BOTTLE INDICATOR

**Application:** activation of photocells on conveyors and machines.

Code

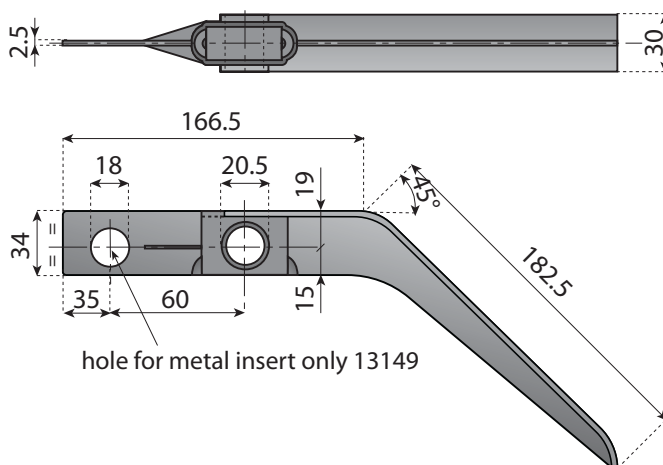
**13150**

Material

PA-FG



n°50



## CONTROL CONTACT LEVER

**Application:** activation of photocells on conveyors and machines.

Code

**13149**

**13149SF**

with hole

without hole

Material

PA-FG



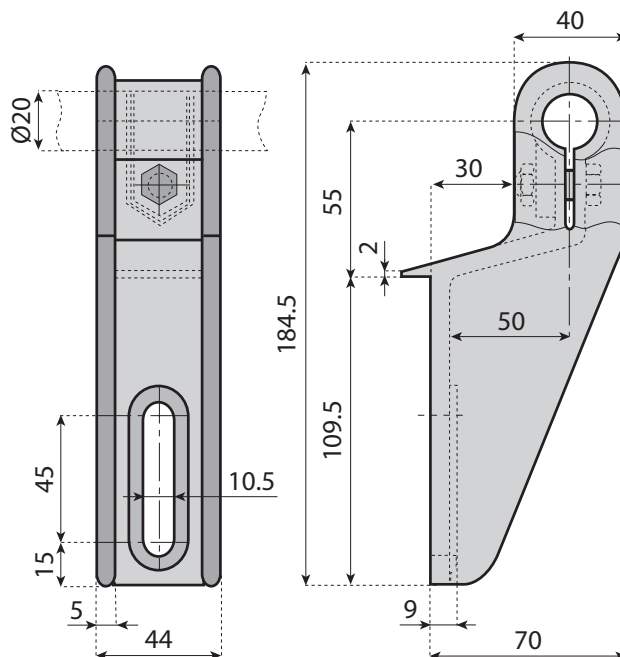
n°50



AISI 304  
Stainless steel



Reinforced  
polyamide



## SIDE BRACKET FOR HORIZONTAL TUBES

**Material:** bracket in reinforced polyamide, nut, bolt and washers in stainless steel AISI 304.

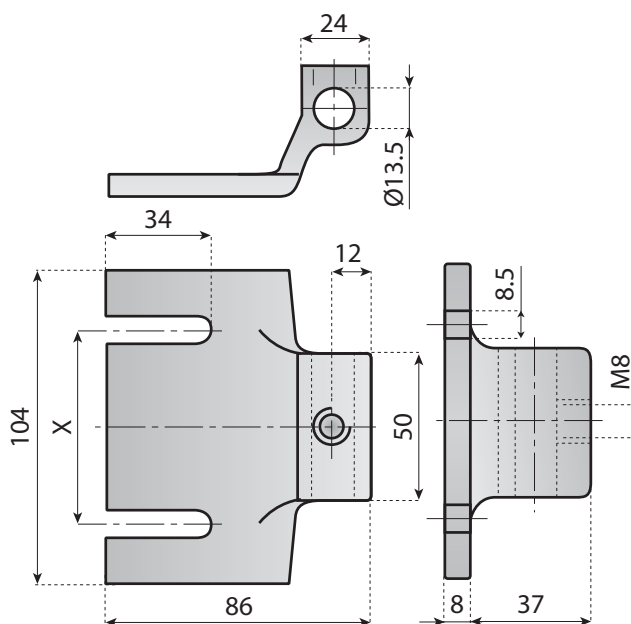
**Supply:** assembled.

Code

13898



n°50



## CLAMP BRACKET OVER HEAD

**Material:** bracket in reinforced polyamide, threaded bushing in nickel plated brass.

Code

13846

13899

X

55

64.5



n°50

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide

## SPLIT SHAFTING COLLAR

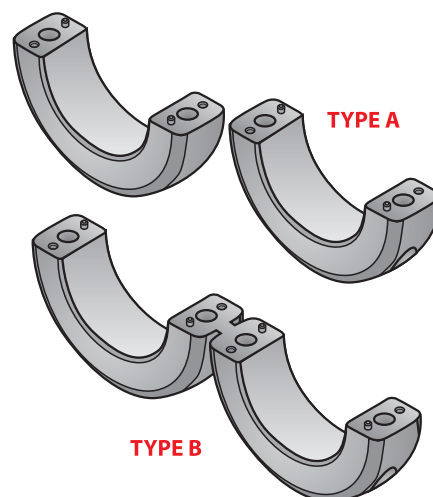
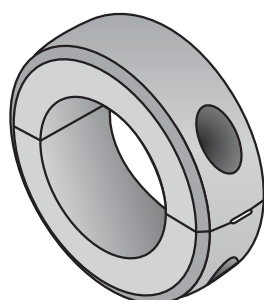
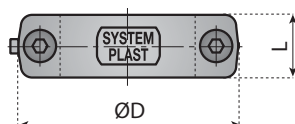
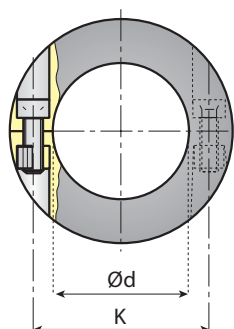
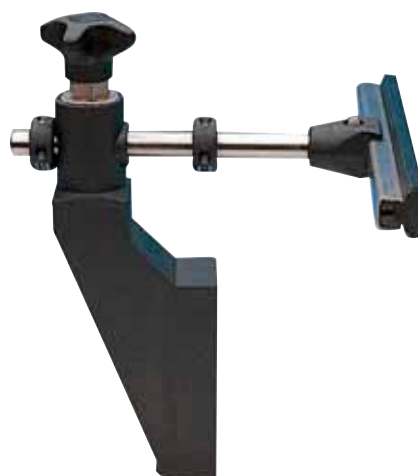
**Material:** reinforced polyamide, bolts in stainless steel, threaded insert in nickel plated brass.

**Use:** these parts can be used on the conveyors as a reference point when the side guides need to be repositioned.

**Note:** The new collars offer high corrosion resistance. The new part exhibits high strength at considerably less cost than stainless steel.

The new collars are the ideal replacement for conventional al collars in situation where they cannot be easily removed and replaced.

**Supply:** assembled.



| Code  | Type | d  | D  | L  | K    | Screws |       |
|-------|------|----|----|----|------|--------|-------|
| 12696 | B    | 10 | 30 | 12 | 20   | M3     | n°100 |
| 12698 | A    | 12 | 30 | 12 | 20   | M3     |       |
| 12700 | A    | 14 | 28 | 12 | 20   | M3     |       |
| 12697 | B    | 15 | 39 | 14 | 27   | M4     |       |
| 12701 | A    | 16 | 30 | 12 | 22   | M3     |       |
| 12699 | A    | 18 | 39 | 14 | 27   | M4     |       |
| 12702 | A    | 20 | 39 | 14 | 29   | M4     |       |
| 12703 | A    | 25 | 44 | 14 | 34   | M4     |       |
| 12704 | A    | 30 | 49 | 16 | 39   | M4     |       |
| 12714 | B    | 30 | 49 | 14 | 39   | M4     |       |
| 12705 | A    | 35 | 56 | 16 | 45   | M4     |       |
| 12706 | A    | 40 | 64 | 18 | 51.5 | M5     |       |
| 12715 | B    | 40 | 64 | 14 | 51.5 | M4     |       |

## SPLIT SHAFTING COLLARS FOR SHAFT WITH KEYWAY

 Preferred type, readily available (codes marked in red)



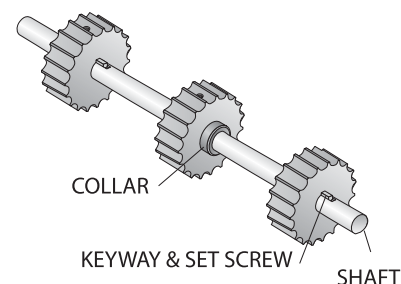
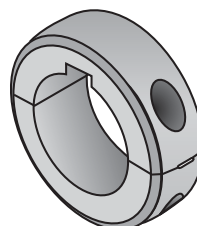
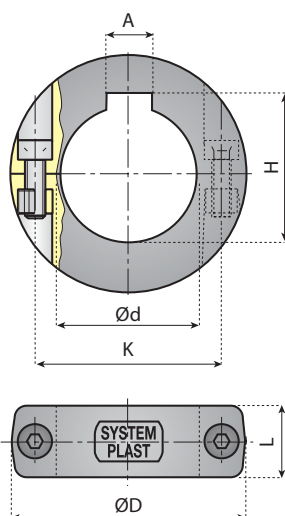
AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



### SPLIT SHAFTING COLLAR

**Material:** reinforced polyamide, screws in stainless steel, threaded insert in nickel plated brass.

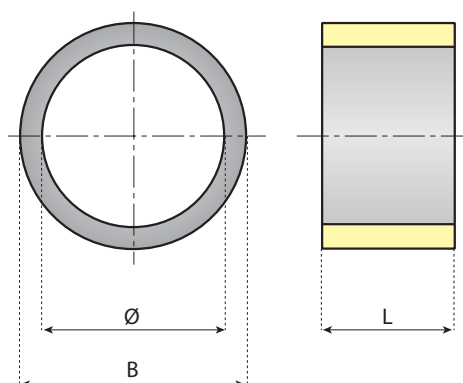
**Use:** for shaft with key way.

**Supply:** assembled.

| Code         | d  | D  | A  | H  | L                                 | K  | Screws |    |
|--------------|----|----|----|----|-----------------------------------|----|--------|----|
| <b>12710</b> | 25 | 45 | 8  | P9 | 28.3 <sup>+0.2</sup> <sub>0</sub> | 14 | 34     | M4 |
| <b>12709</b> | 30 | 50 | 8  | P9 | 33.3 <sup>+0.2</sup> <sub>0</sub> | 16 | 39     | M4 |
| <b>12708</b> | 35 | 57 | 10 | P9 | 38.3 <sup>+0.2</sup> <sub>0</sub> | 16 | 45     | M4 |
| <b>12707</b> | 40 | 64 | 12 | P9 | 43.3 <sup>+0.2</sup> <sub>0</sub> | 18 | 51.5   | M5 |



n°100

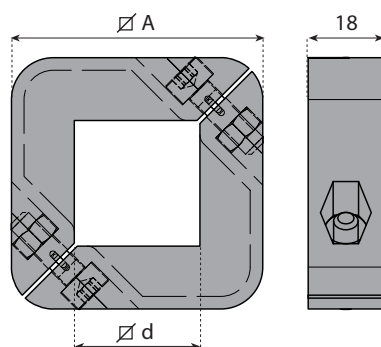


### IDLER SPACER

| Code         | For shaft Ø | B  | L  | Material |    |
|--------------|-------------|----|----|----------|----|
| <b>12829</b> | 30          | 40 | 29 | n°50     | PA |
| <b>12830</b> | 40          | 50 | 29 | n°50     | PA |



## SQUARE SPLIT SHAFTING COLLARS



AISI 304  
Stainless steel

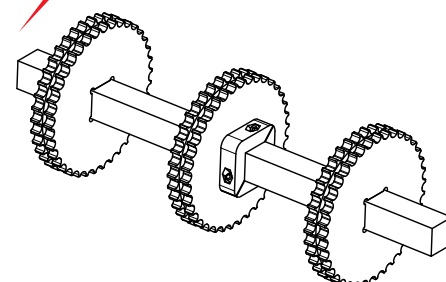


Nickel plated brass



Reinforced  
polyamide

**NEW**



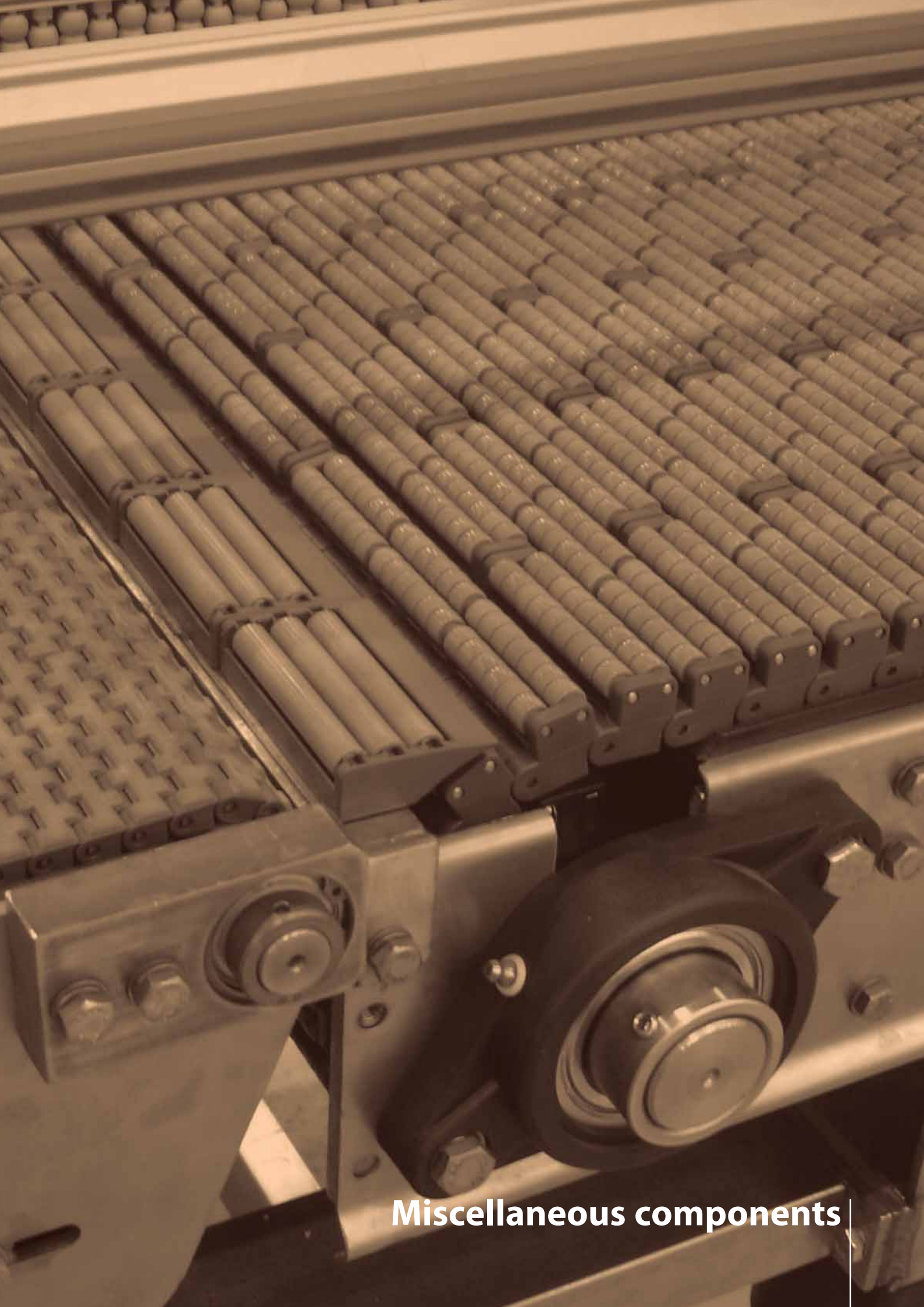
### SQUARE SPLIT SHAFTING COLLAR

**Material:** reinforced polyamide, screws in stainless steel, threaded insert in nickel plated brass.

**Use:** for square shaft.

**Supply:** assembled.

| Code         | Ø d         | Ø A   |
|--------------|-------------|-------|
| <b>12974</b> | 30x30       | 60x60 |
| <b>12975</b> | 40x40       | 72x72 |
| <b>12976</b> | 60x60       | 95x95 |
| <b>12977</b> | 1.¼" x 1.¼" | 60x60 |
| <b>12978</b> | 1.½" x 1.½" | 72x72 |
| <b>12979</b> | 2" x 2"     | 95x95 |



**Miscellaneous components**

# HINGES

 Preferred type, readily available (codes marked in red)



AISI 303  
Stainless steel



Nickel plated brass



Reinforced  
polyamide

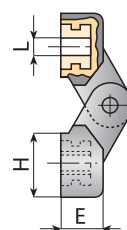
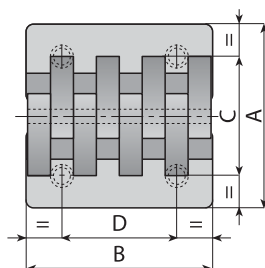


## HINGE

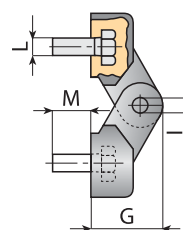
**Material:** reinforced polyamide, pin and screw in stainless steel AISI 303, threaded insert in brass.

**Notes:** door can be opened up to 180°.

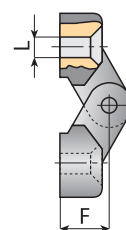
**Supply:** assembled.



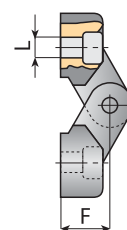
TYPE 1



TYPE 2

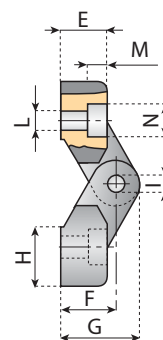
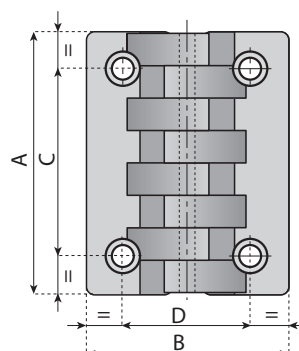


TYPE 3

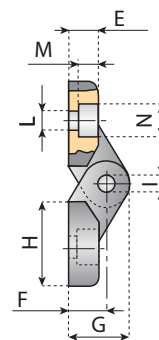


TYPE 4

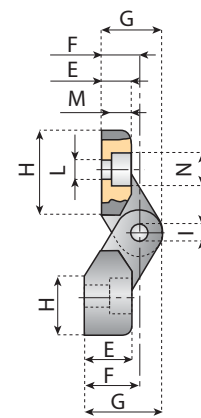
| Code  | Type | A    | B    | C  | D  | E    | F    | G  | H  | I | L    | M  |      |
|-------|------|------|------|----|----|------|------|----|----|---|------|----|------|
| 40081 | 1    |      |      |    |    |      |      |    |    |   | M4   | •  |      |
| 40079 | 1    |      |      |    |    |      |      |    |    |   | M5   | •  |      |
| 40080 | 2    | 39   | 40   | 25 | 25 | 10   | 10.5 | 15 | 14 | 3 | M4   | 14 | n°50 |
| 40018 | 3    |      |      |    |    |      |      |    |    |   | 4.2  | •  |      |
| 40070 | 4    |      |      |    |    |      |      |    |    |   | 4.2  | •  |      |
| 40078 | 4    |      |      |    |    |      |      |    |    |   | 5.5  | •  |      |
| 40012 | 1    |      |      |    |    |      |      |    |    |   | M5   | •  |      |
| 40009 | 1    |      |      |    |    |      |      |    |    |   | M6   | •  |      |
| 40015 | 2    | 49   | 49   | 31 | 30 | 11   | 13   | 19 | 17 | 4 | M5   | 14 | n°50 |
| 40019 | 3    |      |      |    |    |      |      |    |    |   | 5.5  | •  |      |
| 40031 | 4    |      |      |    |    |      |      |    |    |   | 5.5  | •  |      |
| 40067 | 1    |      |      |    |    |      |      |    |    |   | M5   | •  |      |
| 40013 | 1    |      |      |    |    |      |      |    |    |   | M6   | •  |      |
| 40069 | 1    | 64   | 65   | 40 | 40 | 13.5 | 15   | 23 | 24 | 5 | M8   | •  | n°50 |
| 40016 | 2    |      |      |    |    |      |      |    |    |   | M6   | 17 |      |
| 40020 | 3    |      |      |    |    |      |      |    |    |   | 6.5  | •  |      |
| 40068 | 4    |      |      |    |    |      |      |    |    |   | 6.5  | •  |      |
| 40014 | 1    |      |      |    |    |      |      |    |    |   | M10  | •  |      |
| 40017 | 2    | 97.5 | 97.5 | 63 | 60 | 20.5 | 23   | 35 | 35 | 8 | M10  | 20 | n°50 |
| 40021 | 3    |      |      |    |    |      |      |    |    |   | 10.5 | •  |      |



TYPE 1



TYPE 2



TYPE 3

## HINGE

**Material:** reinforced polyamide, pin in stainless steel AISI 303.

**Notes:** door can be opened up to 180°.

**Supply:** assembled.

| Black | Grey   | Type | A  | B   | C    | D    | E       | F       | G       | H       | I | L   | M | N    |      |
|-------|--------|------|----|-----|------|------|---------|---------|---------|---------|---|-----|---|------|------|
| 14112 | 14112G | 2    |    |     |      |      | 11.5    | 14.5    | 23.5    | 11.5    |   | 6.5 | 6 | 10.5 |      |
| 14113 | 14113G | 1    |    |     |      |      | 18      | 21      | 30      | 18      |   | 6.5 | 6 | 10.5 |      |
| 14106 | 14106G | 2    | 80 | 102 | 49.5 | 72.5 | 11.5    | 14.5    | 23.5    | 11.5    | 6 | 8.5 | 8 | 13.5 | n°50 |
| 14107 | 14107G | 1    |    |     |      |      | 18      | 21      | 30      | 18      |   | 8.5 | 8 | 13.5 |      |
| 14136 | 14136G | 3    |    |     |      |      | 11.5/18 | 14.5/21 | 23.5/30 | 11.5/18 |   | 6.5 | 6 | 10.5 |      |
| 14137 | 14137G | 3    |    |     |      |      | 11.5/18 | 14.5/21 | 23.5/30 |         |   | 8.5 | 8 | 13.5 |      |

 Preferred type, readily available (codes marked in red)



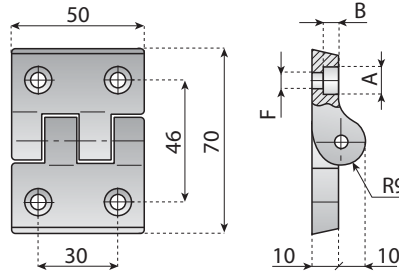
AISI 303  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



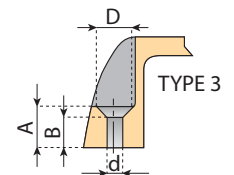
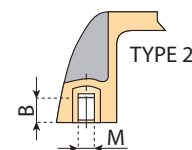
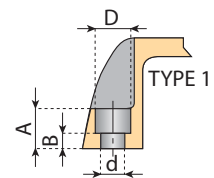
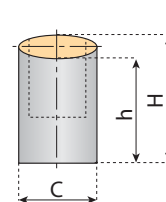
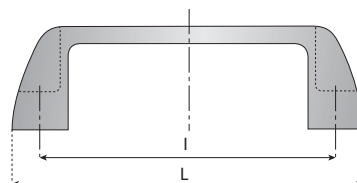
## HINGE

**Material:** reinforced polyamide,  
pin in stainless steel AISI 303.

**Note:** door can be opened  
up to 180°.

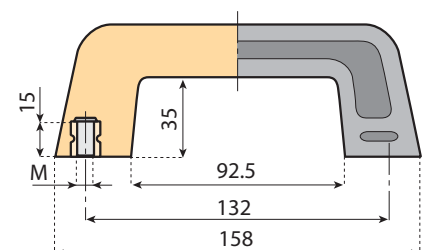
**Supply:** assembled.

| Code         | F   | A    | B |      |
|--------------|-----|------|---|------|
| <b>14104</b> | 6.5 | 10.5 | 6 | n°50 |
| <b>14105</b> | 8.5 | 13.5 | 4 |      |



## HANDLE

| Code         | Type | I<br>mm | L<br>mm | C<br>mm | H<br>mm | h<br>mm | A<br>mm | B<br>mm | D<br>mm | d<br>mm | M  |      |       |       |
|--------------|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----|------|-------|-------|
| <b>14121</b> | 1    | 93.5    | 112     | 21      | 36      | 30      | 13      | 6       | 10.5    | 6.5     | -  |      |       |       |
| <b>14124</b> | 2    | 93.5    | 112     | 21      | 36      | 30      | -       | 9       | -       | -       | M6 |      |       |       |
| <b>14122</b> | 1    | 117     | 139     | 26      | 41      | 34      | 15      | 8.5     | 10.5    | 6.5     | -  |      |       |       |
| <b>14123</b> | 1    | 117     | 139     | 26      | 41      | 34      | 15      | 6       | 13      | 8.5     | -  |      |       |       |
| <b>14125</b> | 2    | 117     | 139     | 26      | 41      | 34      | -       | 9       | -       | -       | M6 |      |       |       |
| <b>14126</b> | 2    | 117     | 139     | 26      | 41      | 34      | -       | 9       | -       | -       | M8 |      |       |       |
| <b>14131</b> | 1    | 120     | 139     | 26      | 41      | 34      | 10      | 5       | 9       | 5.5     | -  | n°50 | PA-FG | Black |
| <b>14130</b> | 1    | 120     | 139     | 26      | 41      | 34      | 10      | 4       | 10.5    | 6.5     | -  |      |       |       |
| <b>14132</b> | 2    | 120     | 139     | 26      | 41      | 34      | -       | 8       | -       | -       | M5 |      |       |       |
| <b>14133</b> | 2    | 120     | 139     | 26      | 41      | 34      | -       | 9       | -       | -       | M6 |      |       |       |
| <b>14128</b> | 3    | 120     | 139     | 26      | 41      | 34      | 10      | 8       | 9       | 5       | -  |      |       |       |
| <b>14129</b> | 3    | 120     | 139     | 26      | 41      | 34      | 10      | 7       | 10.5    | 5.5     | -  |      |       |       |



## HANDLE

**Material:** reinforced polyamide,  
threaded insert in brass.

| Code         | M  |      |       |
|--------------|----|------|-------|
| <b>14118</b> | 8  | n°50 | Black |
| <b>14119</b> | 10 |      |       |



# HANDLES

 Preferred type, readily available (codes marked in red)



Nickel plated brass



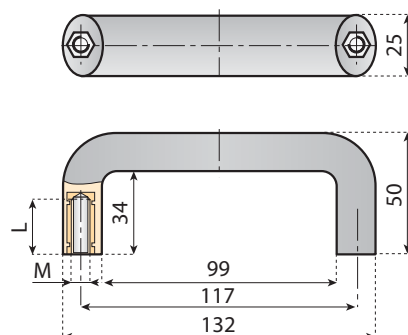
Reinforced polyamide



## HANDLE

**Material:** polyamide,  
threaded insert in brass.

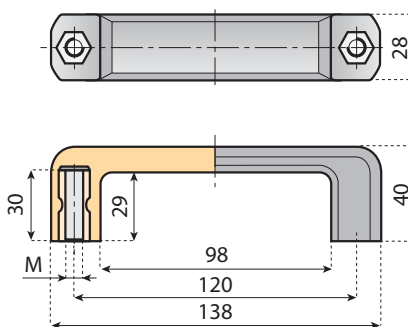
| Code         | M  |  |  |
|--------------|----|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>14140</b> | 6  | n°50                                                                              | Black                                                                              |
| <b>14141</b> | 8  |                                                                                   |                                                                                    |
| <b>14142</b> | 10 |                                                                                   |                                                                                    |



## HANDLE

**Material:** polyamide,  
threaded insert in brass.

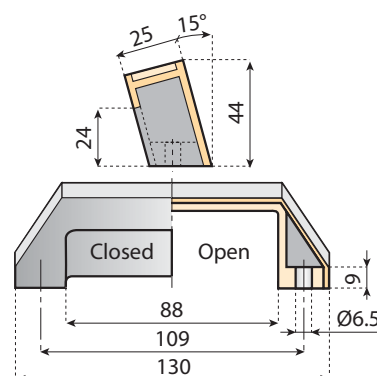
| Code         | M  |  |  |
|--------------|----|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>14115</b> | 6  | n°50                                                                                | Black                                                                                |
| <b>14116</b> | 8  |                                                                                     |                                                                                      |
| <b>14117</b> | 10 |                                                                                     |                                                                                      |



## SAFETY HANDLE WITH COVER

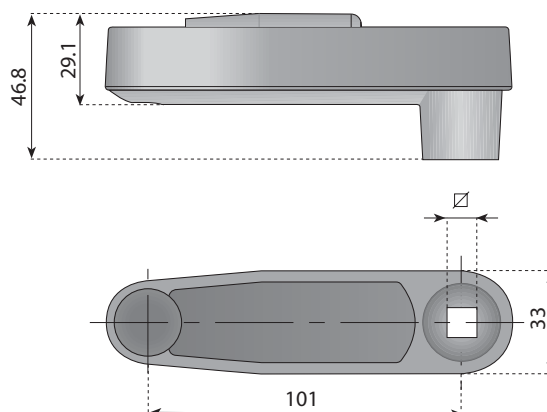
**Application:** with screws M5.

| Code          | Type   | Colour |  |  |  |
|---------------|--------|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>14114</b>  | Closed | Orange | n°50                                                                                | PA-FG                                                                               | Black and Orange                                                                     |
| <b>14114G</b> | Closed | Grey   |                                                                                     |                                                                                     | Black and Gray                                                                       |
| <b>14135</b>  | Open   | Orange |                                                                                     |                                                                                     | Black and Orange                                                                     |
| <b>14135G</b> | Open   | Grey   |                                                                                     |                                                                                     | Black and Gray                                                                       |



## CRANK HANDLES

 Preferred type, readily available (codes marked in red)



Reinforced polyamide

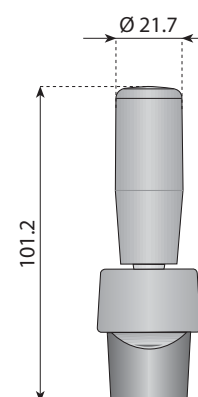
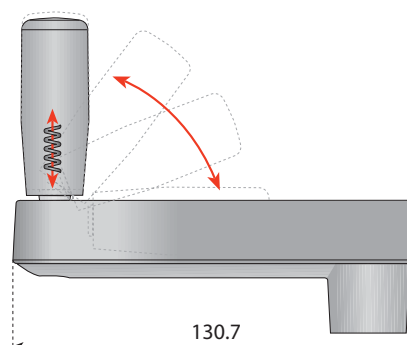


Stainless steel

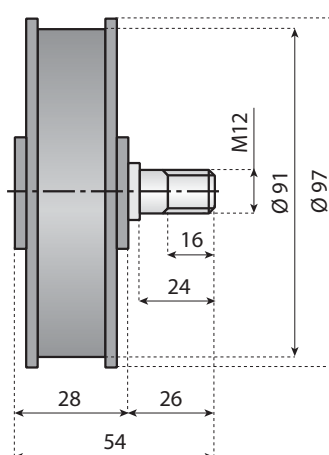
### Crack Handles

**Material:** Reinforced polyamide, threaded insert in stainless steel.

| Code         |  |  | Material |  |
|--------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------|
| <b>14160</b> | 8x8                                                                               | 50                                                                                | PA-FV    | Black                                                                             |
| <b>14161</b> | 10x10                                                                             |                                                                                   |          |                                                                                   |



## WINDING TENSIONER



Steel plated brass



Reinforced polyamide



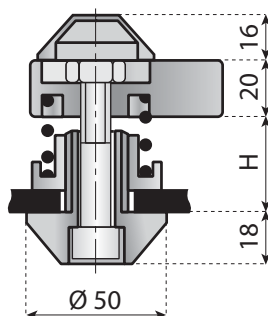
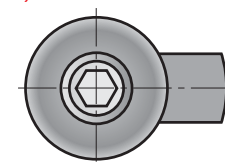
304 Stainless steel

### Winding tensioner

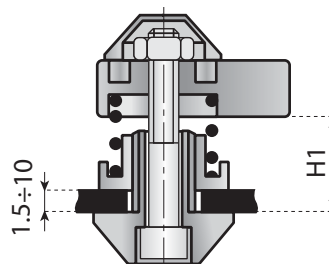
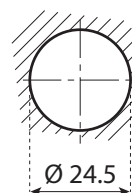
**Material:** body in reinforced polyamide insert see in the table.

| Code            | Version Standard | Version with grease | Insert Material    | Direction of travel | Load gr. | Winding Trave |  |  |
|-----------------|------------------|---------------------|--------------------|---------------------|----------|---------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>14280</b>    |                  | <b>14280G</b>       | Steel plated brass | Right               | 0 ÷ 4000 | 2500          | n°10                                                                                  | Black                                                                                 |
| <b>14281</b>    |                  | <b>14281G</b>       | Steel plated brass | Left                | 0 ÷ 4000 | 2500          | n°10                                                                                  | Black                                                                                 |
| <b>14280-SS</b> |                  | <b>14280G-SS</b>    | Stainless steel    | Right               | 0 ÷ 4000 | 2500          | n°10                                                                                  | Black                                                                                 |
| <b>14281-SS</b> |                  | <b>14281G-SS</b>    | Stainless steel    | Left                | 0 ÷ 4000 | 2500          | n°10                                                                                  | Black                                                                                 |

 Preferred type, readily available (codes marked in red)



**Assembly n°1**



**Assembly n°2**



AISI 303  
Stainless steel



Reinforced  
polyamide

## Lock

**Material:** body and safety cap in reinforced polyamide, screw, nut and spring in stainless steel AISI 304.

**Application:** closure of doors.

**Assembly:** assembly lock as shown in assembly drawing number 1, when the dimension H is suitable for assembly distance between 30-36 mm. When the distance H1 is between 23-28 mm, follow assembly procedure drawing number 2.

**H = 30 ÷ 36 (min. - max)**

**H1 = 23 ÷ 28 (min. - max)**

Code

**14290**



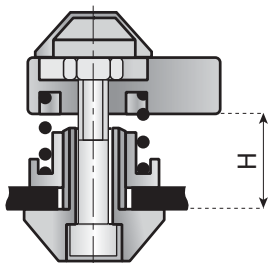
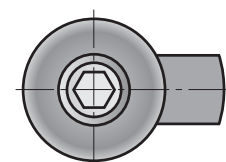
n°10

## ASSEMBLING INSTRUCTION FOR THE LOCK

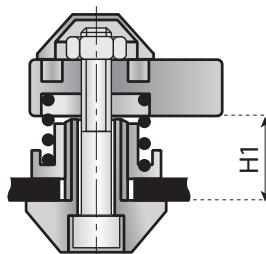
Assemble lock as shown in assembly n°1

when the size "K" is between 30 (min.) and 36 mm (max),

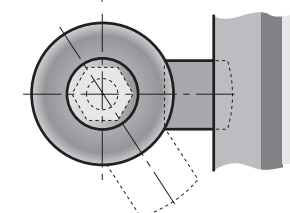
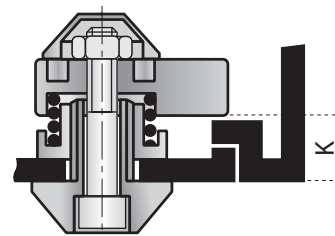
when the size "K" is between 23 (min.) and 28 mm (max) follow assembly procedure n°2.



**Assembly n°1**



**Assembly n°2**

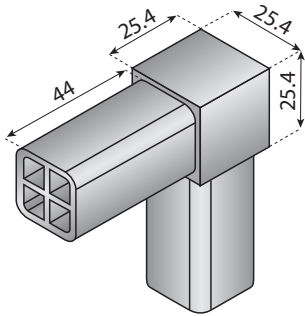




Reinforced  
polyamide

Preferred type, readily available (codes marked in red)

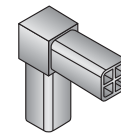
FOR TUBES 25 x 25 x 1,5 mm



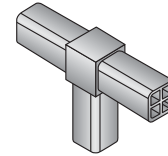
| Code         | Type |   | Material |       |
|--------------|------|---|----------|-------|
| <b>40001</b> | A    |   |          |       |
| <b>40002</b> | B    | - | PA-FG    | Black |
| <b>40003</b> | C    |   |          |       |
| <b>40004</b> | D    |   |          |       |
| <b>40005</b> | E    | - | PA-FG    | Black |
| <b>40006</b> | F    |   |          |       |
| <b>40007</b> | G    |   |          |       |
| <b>40008</b> | H    | - | PA-FG    | Black |
| <b>40035</b> | K    |   |          |       |

## Application:

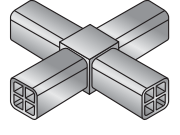
joints can be used with square tubes 25x25x1,5 mm.



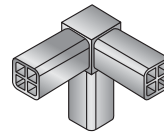
TYPE: A



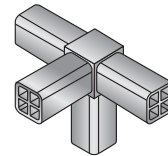
TYPE: B



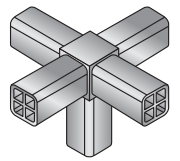
TYPE: C



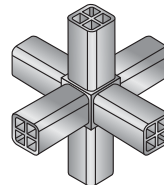
TYPE: D



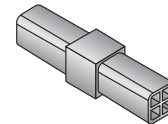
TYPE: E



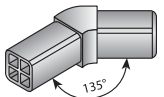
TYPE: F



TYPE: G

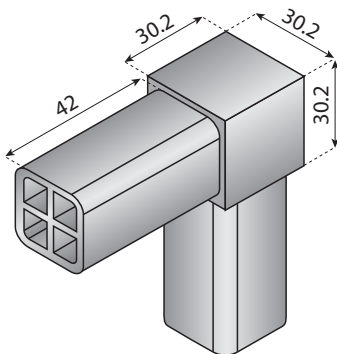


TYPE: H



TYPE: K

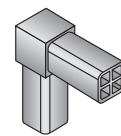
FOR TUBES 30 x 30 x 2 mm



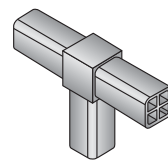
| Code         | Type |   | Material |       |
|--------------|------|---|----------|-------|
| <b>40022</b> | I    |   |          |       |
| <b>40023</b> | L    | - | PA-FG    | Black |
| <b>40024</b> | M    |   |          |       |
| <b>40025</b> | N    |   |          |       |
| <b>40026</b> | O    | - | PA-FG    | Black |
| <b>40027</b> | P    |   |          |       |
| <b>40028</b> | Q    |   |          |       |
| <b>40029</b> | R    | - | PA-FG    | Black |
| <b>40036</b> | S    |   |          |       |

## Application:

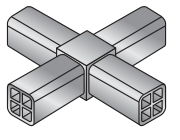
joints can be used with square tubes 30x30x2 mm.



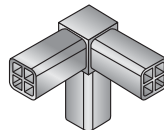
TYPE: I



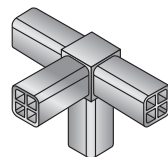
TYPE: L



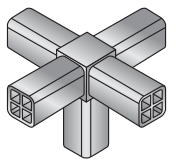
TYPE: M



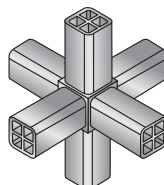
TYPE: N



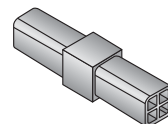
TYPE: O



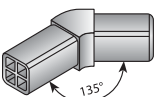
TYPE: P



TYPE: Q



TYPE: R



TYPE: S

# CONNECTING JOINTS WITH ALUMINIUM INSERT

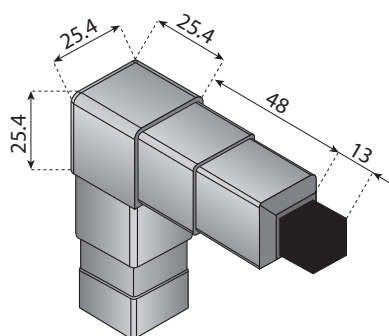
 Preferred type, readily available (codes marked in red)



Reinforced  
polyamide



Aluminium



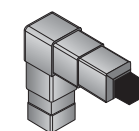
Heavy Duty  
System

FOR TUBES 25 x 25 x 1,2 mm

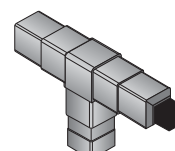
| Code  | Type |  |  |
|-------|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 40037 | AI   |                                                                                   |                                                                                   |
| 40038 | BI   | n°50                                                                              | Black                                                                             |
| 40039 | DI   |                                                                                   |                                                                                   |
| 40047 | EI   |                                                                                   |                                                                                   |
| 40058 | FI   |                                                                                   |                                                                                   |

**Material:** reinforced polyamide with aluminium insert.

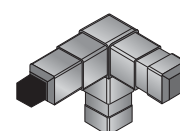
**Application:** joints can be used with square tubes 25x25x1,2 mm.



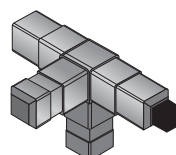
TYPE: AI



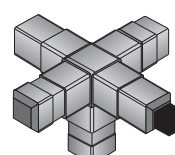
TYPE: BI



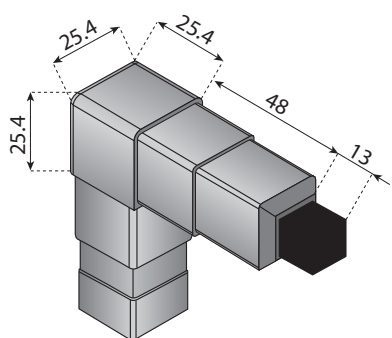
TYPE: DI



TYPE: EI



TYPE: FI



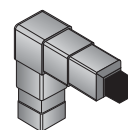
Heavy Duty  
System

FOR TUBES 25 x 25 x 1.5 mm

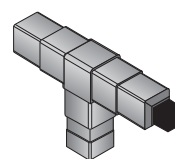
| Code  | Type |  |  |
|-------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 40043 | II   |                                                                                     |                                                                                     |
| 40044 | LI   | n°50                                                                                | Black                                                                               |
| 40046 | MI   |                                                                                     |                                                                                     |
| 40045 | NI   |                                                                                     |                                                                                     |
| 40066 | OI   |                                                                                     |                                                                                     |

**Material:** reinforced polyamide with aluminium insert.

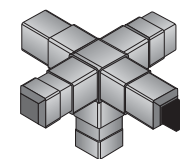
**Application:** joints can be used with square tubes 25x25x1,5 mm.



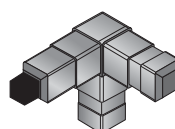
TYPE: II



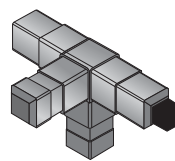
TYPE: LI



TYPE: MI



TYPE: NI



TYPE: OI

 Preferred type, readily available (codes marked in red)



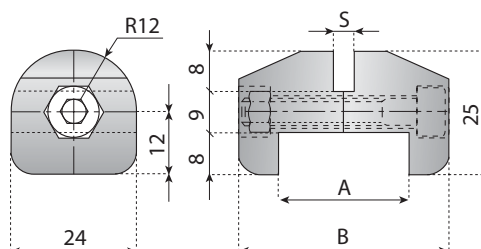
AISI 304  
Stainless steel



P.V.C.



Reinforced  
polyamide



## PANEL CLAMPS

**Material:** reinforced polyamide with stainless steel bolt.

**Application:** panel clamp permits rapid installation of panels.

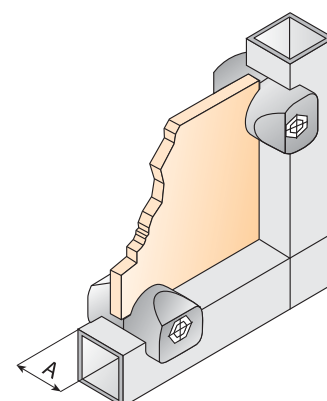
The distance of 8 mm. between the panel and the frame simplifies the safety guard cleaning.

It can be used with panels thickness 1.5 - 4 - 5 - 6 mm.

**Supply:** assembled.

| Code         | Tube  | A  | B  | *S     |   |       |
|--------------|-------|----|----|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| <b>40055</b> | 25x25 | 25 | 40 | 1.5 mm |                                                                                                                                                                         |       |
| <b>40051</b> | 25x25 | 25 | 40 | 4 mm   | n°50                                                                                                                                                                    | Black |
| <b>40052</b> | 25x25 | 25 | 40 | 5 mm   |                                                                                                                                                                         |       |
| <b>40053</b> | 25x25 | 25 | 40 | 6 mm   |                                                                                                                                                                         |       |
| <b>40071</b> | 30x30 | 30 | 45 | 4 mm   |                                                                                                                                                                         |       |
| <b>40072</b> | 30x30 | 30 | 45 | 5 mm   |                                                                                                                                                                         |       |
| <b>40073</b> | 30x30 | 30 | 45 | 6 mm   |                                                                                                                                                                         |       |

\*S = Panel thickness

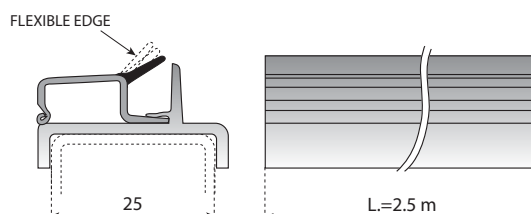


## PROFILE FOR PLAIN TUBES

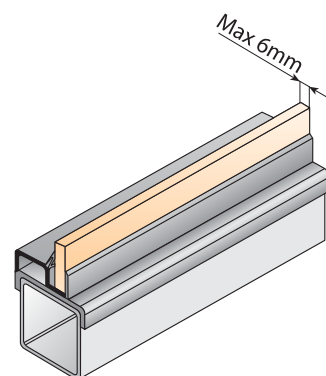
**Material:** rigid - flexible P.V.C.

**Application:** this profile can be used with plain tubes 25x25 mm in different materials.

If used for the mount panels and windows it offers the possibility to remove the panels without disassembling the complete structure, thanks to the special profile in PVC, partially rigid and partially flexible.



| Code         | L     | n°   | Color |
|--------------|-------|------|-------|
| <b>40064</b> | 2.5 m | n°10 | Black |



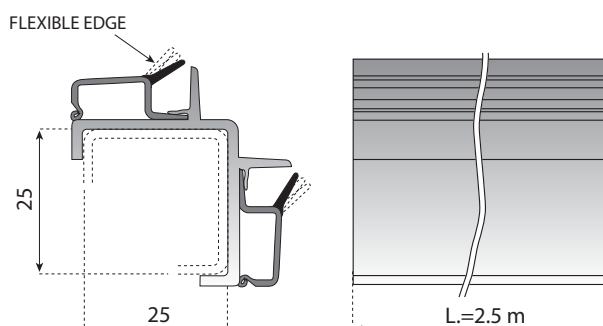
## PROFILE FOR PLAIN TUBES

**Material:** rigid - flexible P.V.C.

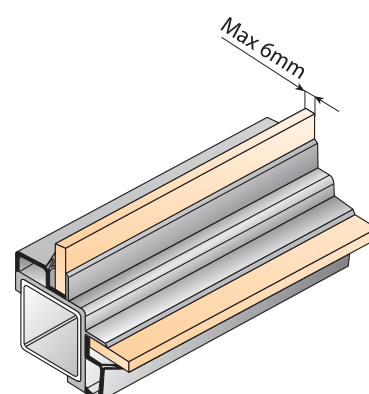
**Colour:** black.

**Application:** this profile can be used with plain tubes 25x25 mm in different materials.

If used for the mount panels and windows it offers the possibility to remove the panels without disassembling the complete structure, thanks to the special profile in PVC, partially rigid and partially flexible.



| Code         | L     | n°   | Color |
|--------------|-------|------|-------|
| <b>40065</b> | 2.5 m | n°10 | Black |



 Preferred type, readily available (codes marked in red)



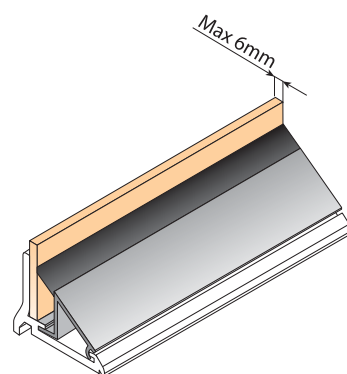
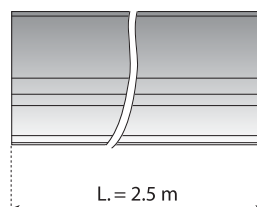
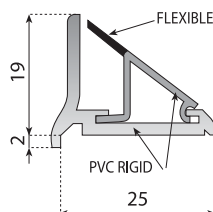
## PROFILE FOR PLAIN TUBES

**Material:** rigid - flexible P.V.C.

**Application:** this profile can be used with plain tubes 25x25 mm in different materials.

If used for the mounting of panels and windows it offers the possibility to remove the panels without disassembling the complete structure, thanks to the special profile in PVC, partially rigid and partially flexible.

The special design of this section will accomodate panels of 3 - 4 - 5 - 6 mm.



Code

**40048**



2.5 m



n°10



Black

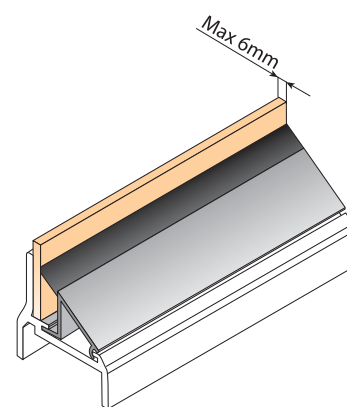
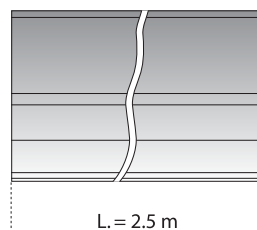
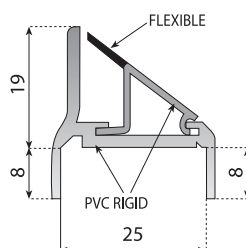
## SYSTEM FRAME PROFILE FOR PLAIN TUBES

**Material:** rigid - flexible P.V.C.

**Application:** this profile can be used with plain tubes 25x25 mm in different materials.

If used for the mounting of panels and windows it offers the possibility to remove the panels without disassembling the complete structure, thanks to the special profile in PVC, partially rigid and partially flexible.

The special design of this section will accomodate panels of 3-4-5-6 mm.



Code

**40049**



2.5 m



n°10



Black

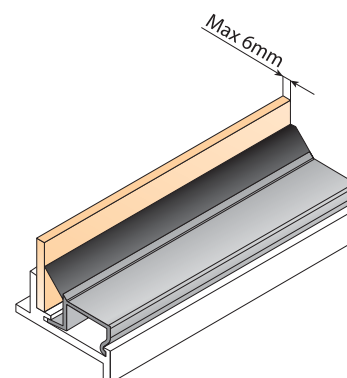
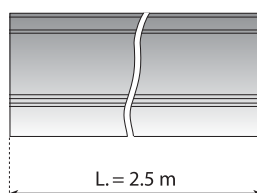
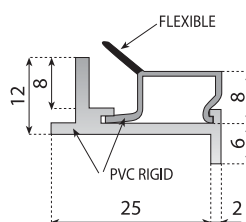
## SYSTEM FRAME PROFILE FOR PLAIN TUBES

**Material:** rigid - flexible P.V.C.

**Application:** This profile can be used with plain tubes 25x25 mm or 30x30 mm in different materials.

If used for the mounting of panels and windows it offers the possibility to remove the panels without disassembling the complete structure, thanks to the special profile in PVC, partially rigid and partially flexible.

The special design of this section will accomodate panels of 3-4-5-6 mm.



Code

**40056**



2.5 m



n°10

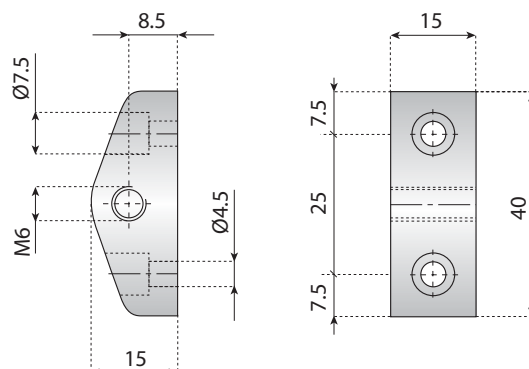


Black

 Preferred type, readily available (codes marked in red)

**PE**  
Polyethylene  
UHMW

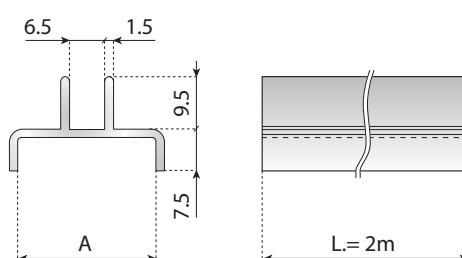
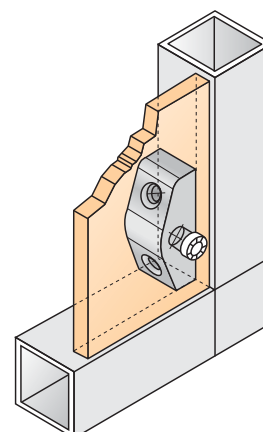
**PA  
FG**  
Reinforced  
polyamide



## FIXING BLOCK

**Application:** block permits rapid installation of the panels and can be used with panels of different thickness.  
**Supply:** without screws.

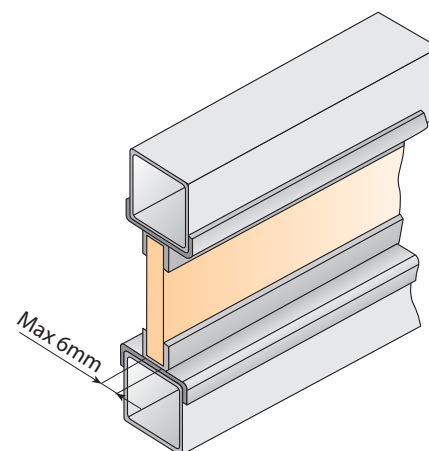
| Code         |  |  | Material |  |
|--------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------|
| <b>40060</b> | 2.5 m                                                                             | n°10                                                                              | PA-FG    | Black                                                                              |



## PROFILE FOR PLAIN TUBE

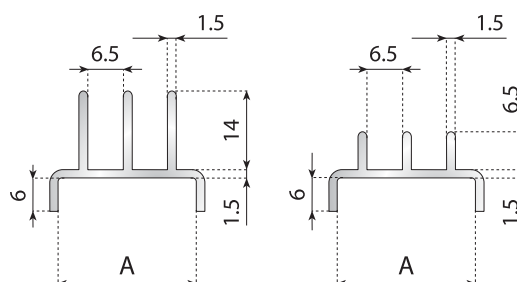
**Application:** this profile can be used with square tubes 25x25 mm or 30x30 mm in different materials.

| Code         | A  |  |  | Material |  |
|--------------|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------|
| <b>40057</b> | 25 | 2 m                                                                                 | n°100                                                                               | PE 1000  | Black                                                                                |
| <b>40075</b> | 30 |                                                                                     |                                                                                     |          |                                                                                      |

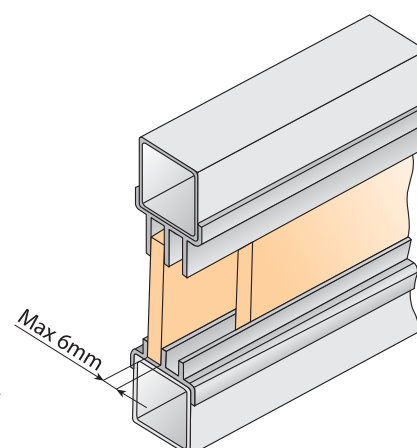


## PROFILE FOR SLIDING PANELS

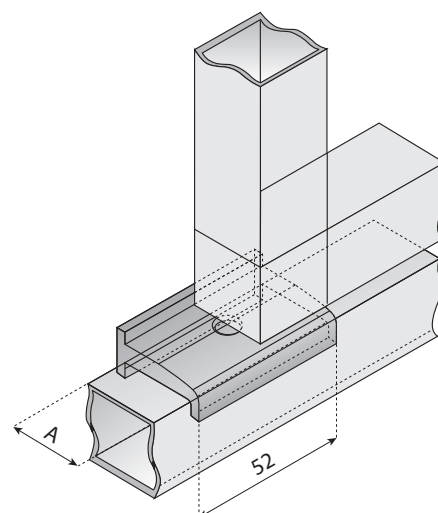
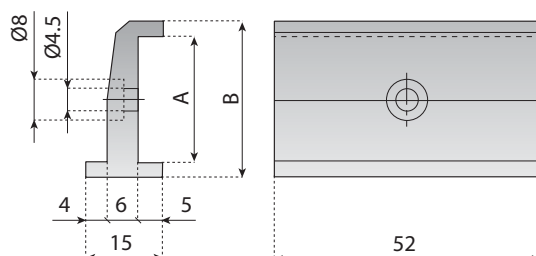
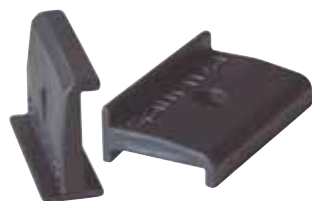
**Application:** this profile can be used with square tubes 25x25 mm or 30x30 mm in different materials. It is used for small sliding windows.  
**\*Supply:** 2 m lengths in stock (1 upper and 1 lower profile).



| Code         | A  |  |  | Material |  |
|--------------|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------|
| <b>40054</b> | 25 | 2 m*                                                                                | n°10                                                                                | PE 1000  | Black                                                                                |
| <b>40076</b> | 30 |                                                                                     |                                                                                     |          |                                                                                      |



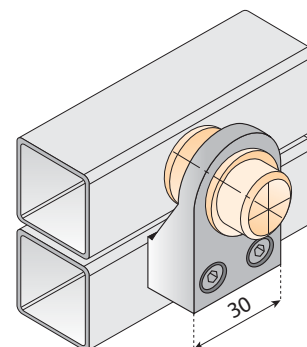
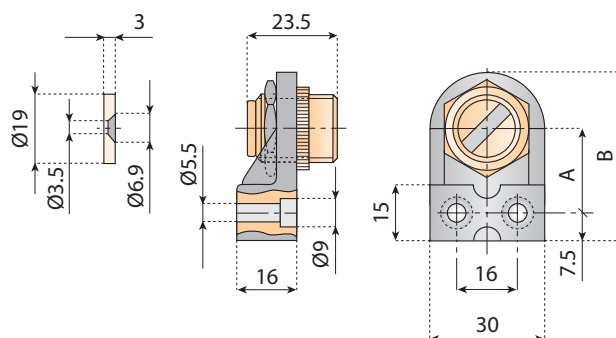
 Preferred type, readily available (codes marked in red)



## DOOR STOP

**Application:** door stop is normally used in order to support and position doors or windows of machine guards.

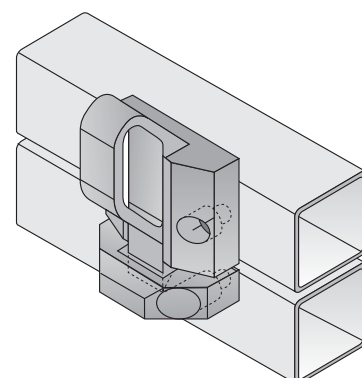
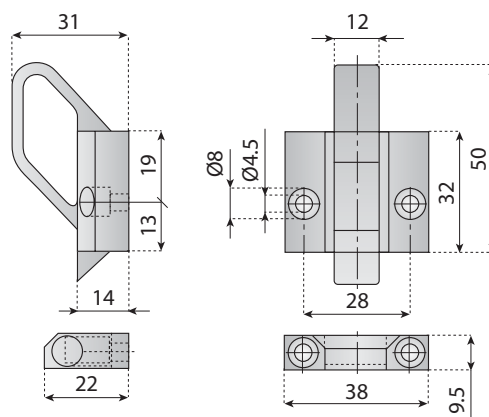
| Code         | A  | B  |  | Material |  |
|--------------|----|----|-----------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------|
| <b>40050</b> | 25 | 31 | n°100                                                                             | PA-FG    | Black                                                                              |
| <b>40077</b> | 30 | 36 |                                                                                   |          |                                                                                    |



## MAGNETIC LOCK

**Application:** the magnetic lock guarantees rapid door locking. It is easy to install and can be used with various structures in different materials.

| Code         | A    | B    |  | Material |  |
|--------------|------|------|-------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------|
| <b>14120</b> | 22.5 | 45   | n°100                                                                               | PA-FG    | Black                                                                                |
| <b>14134</b> | 37   | 59.5 |                                                                                     |          |                                                                                      |

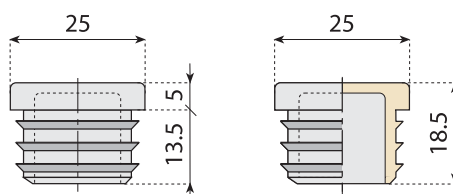


## SPRING LOADED LATCH

**Application:** the latch guarantees a secure locking of doors and windows, and prevents the possibility of accidental opening.

| Code         |  | Material |  |
|--------------|-------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------|
| <b>40059</b> | n°100                                                                               | PA-FG    | Black                                                                                |

 Preferred type, readily available (codes marked in red)



## CLOSING CAPS

**Application:** square tubes, dimensions 25x25x1.5 mm or 25x25x1.2 mm.

Code

**40010**



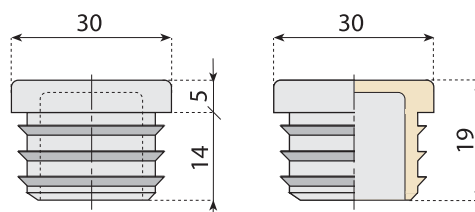
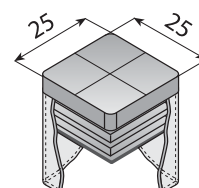
n°100



PE



Black



## CLOSING CAPS

**Application:** square tubes, dimensions 30x30x2 mm.

Code

**40030**



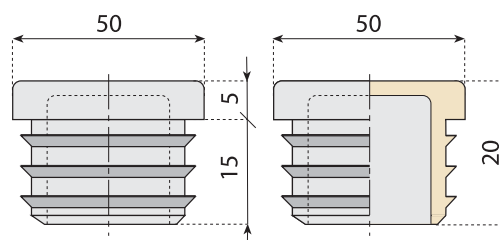
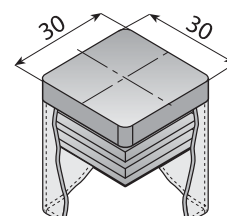
n°100



PE



Black



## CLOSING CAPS

**Application:** square tubes, dimensions 50x50x2.5 mm.

Code

**40011**



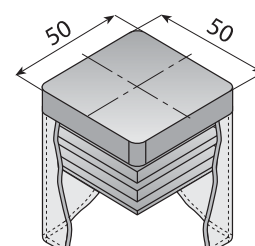
n°100



PE



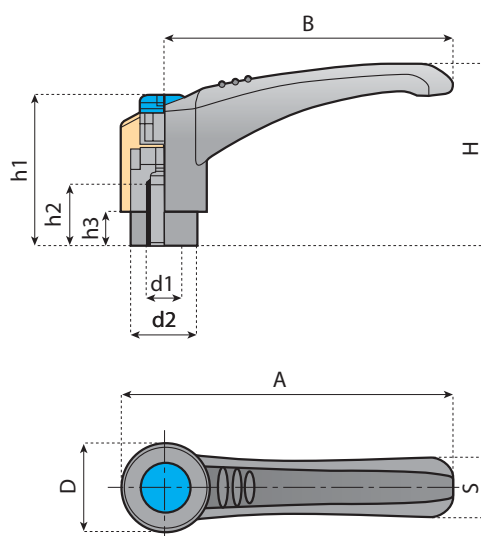
Black



## ADJUSTABLE HANDLES

 Preferred type, readily available (codes marked in red)

New  
design



**SS**  
**304**

AISI 304  
Stainless steel

**NPB**

Nickel plated brass

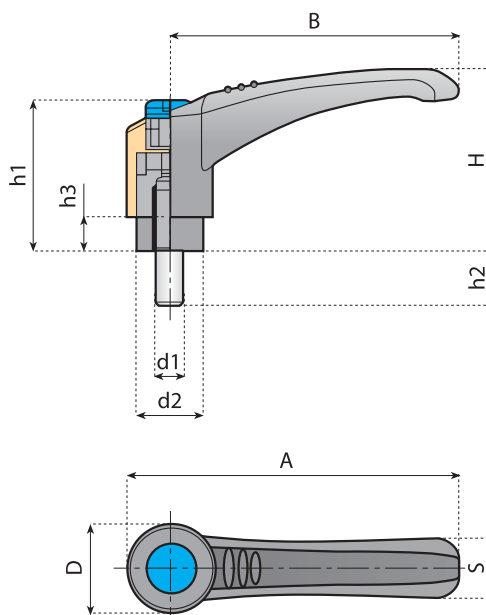
**PA**

Polyamide

### ADJUSTABLE HANDLE

**Material:** polyamide, insert in nickel plated brass.

| Code         | A  | B  | H    | D  | S    | d1  | d2 | h1 | h2 | h3  |      |       |
|--------------|----|----|------|----|------|-----|----|----|----|-----|------|-------|
| <b>14220</b> | 53 | 45 | 33.5 | 16 | 10.5 | M6  | 12 | 29 | 8  | 7.5 |      |       |
| <b>14221</b> | 75 | 65 | 41   | 20 | 13.5 | M8  | 15 | 34 | 11 | 7.5 | n°50 | Black |
| <b>14222</b> | 92 | 80 | 53   | 24 | 16.5 | M10 | 20 | 44 | 16 | 12  |      |       |



### ADJUSTABLE HANDLE

**Material:** polyamide, threaded insert in stainless steel AISI 304.

| Code         | A  | B  | H    | D  | S    | d1  | d2 | h1 | h2 | h3  |      |       |
|--------------|----|----|------|----|------|-----|----|----|----|-----|------|-------|
| <b>14230</b> | 53 | 45 | 33.5 | 16 | 10.5 | M6  | 12 | 29 | 20 | 7.5 | n°50 | Black |
| <b>14231</b> |    |    |      |    |      |     |    |    | 30 |     |      |       |
| <b>14232</b> | 75 | 65 | 41   | 20 | 13.5 | M8  | 15 | 34 | 20 | 7.5 | n°50 | Black |
| <b>14234</b> |    |    |      |    |      |     |    |    | 30 |     |      |       |
| <b>14235</b> | 92 | 80 | 53   | 24 | 16.5 | M10 | 20 | 44 | 25 | 12  | n°50 | Black |
| <b>14236</b> |    |    |      |    |      |     |    |    | 30 |     |      |       |

 Preferred type, readily available (codes marked in red)



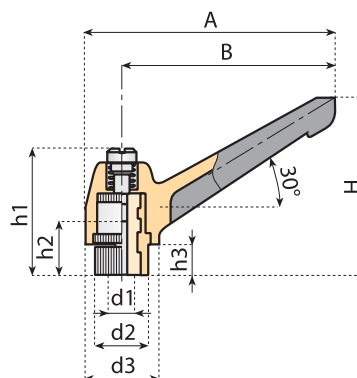
AISI 304  
Stainless steel



Nickel plated brass



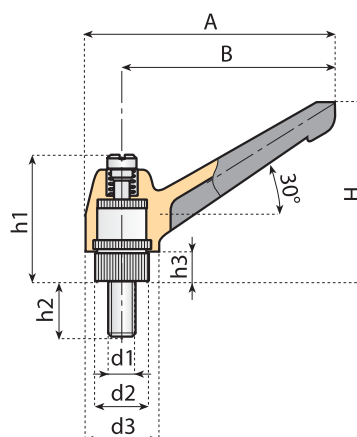
Polyamide



## ADJUSTABLE HANDLE (30°)

**Material:** polyamide, insert in nickel plated brass.

| Code         | A  | B  | H  | d1  | d2 | d3 | h1 | h2 | h3 |      |       |
|--------------|----|----|----|-----|----|----|----|----|----|------|-------|
| <b>14200</b> | 49 | 40 | 38 | M6  | 11 | 18 | 30 | 12 | 7  |      |       |
| <b>14201</b> | 65 | 55 | 49 | M8  | 14 | 22 | 37 | 14 | 10 | n°50 | Black |
| <b>14202</b> | 93 | 80 | 68 | M10 | 20 | 29 | 48 | 20 | 12 |      |       |



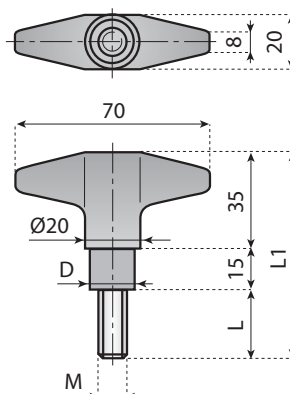
## ADJUSTABLE HANDLE (30°)

**Material:** polyamide, threaded insert in stainless steel AISI 304.

| Code         | A  | B  | H  | d1  | d2 | d3 | h1 | h2 | h3 |      |       |
|--------------|----|----|----|-----|----|----|----|----|----|------|-------|
| <b>14199</b> | 49 | 40 | 38 | M6  | 11 | 18 | 30 | 15 | 7  | n°50 | Black |
| <b>14203</b> |    |    |    |     |    |    |    | 20 |    |      |       |
| <b>14204</b> |    |    |    |     |    |    |    | 25 |    |      |       |
| <b>14205</b> | 65 | 55 | 49 | M8  | 14 | 22 | 37 | 30 | 10 | n°50 | Black |
| <b>14208</b> |    |    |    |     |    |    |    | 60 |    |      |       |
| <b>14206</b> | 93 | 80 | 68 | M10 | 20 | 29 | 48 | 25 | 12 | n°50 | Black |
| <b>14207</b> |    |    |    |     |    |    |    | 30 |    |      |       |

## T-KNOB AND TIGHTENING LEVER

 Preferred type, readily available (codes marked in red)



Brass

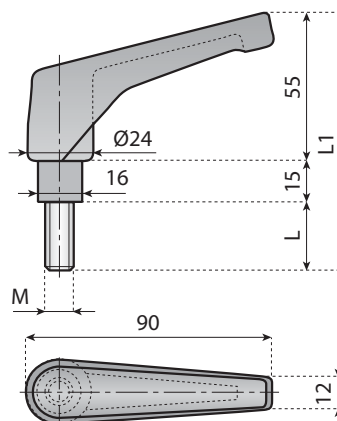


Polyamide

### T-KNOB

**Material:** polyamide, insert in nickel plated brass.

| Code         | M   | D  | L  | L1 |  |  |
|--------------|-----|----|----|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>13058</b> | M6  | 10 | 20 | 70 | n°50                                                                                | Black                                                                               |
| <b>13059</b> |     |    | 25 | 75 |                                                                                     |                                                                                     |
| <b>13060</b> |     |    | 30 | 80 |                                                                                     |                                                                                     |
| <b>13061</b> | M8  | 10 | 20 | 70 | n°50                                                                                | Black                                                                               |
| <b>13062</b> |     |    | 25 | 75 |                                                                                     |                                                                                     |
| <b>13063</b> |     |    | 30 | 80 |                                                                                     |                                                                                     |
| <b>13064</b> | M10 | 16 | 20 | 70 | n°50                                                                                | Black                                                                               |
| <b>13065</b> |     |    | 25 | 75 |                                                                                     |                                                                                     |
| <b>13066</b> |     |    | 30 | 80 |                                                                                     |                                                                                     |



### TIGHTENING LEVER

**Material:** polyamide with nickel plated brass insert.

| Code         | M   | A  | L1  |  |  |
|--------------|-----|----|-----|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>13076</b> | M8  | 20 | 90  | n°50                                                                                  | Black                                                                                 |
| <b>13077</b> |     | 25 | 95  |                                                                                       |                                                                                       |
| <b>13078</b> |     | 30 | 100 |                                                                                       |                                                                                       |
| <b>13079</b> | M10 | 20 | 90  | n°50                                                                                  | Black                                                                                 |
| <b>13080</b> |     | 25 | 95  |                                                                                       |                                                                                       |
| <b>13081</b> |     | 30 | 100 |                                                                                       |                                                                                       |

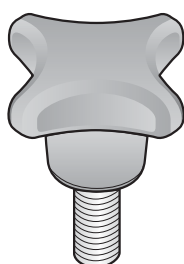
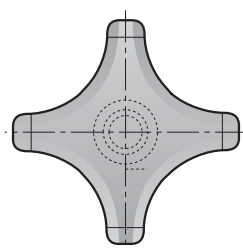
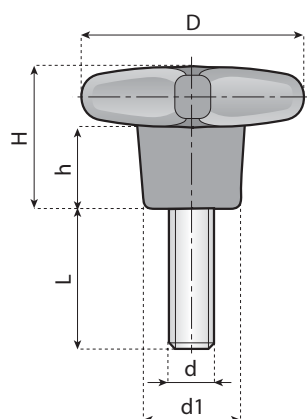
 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Polyamide



| Code         |               | D  | d   | L  | H    | h    | d1   |       |
|--------------|---------------|----|-----|----|------|------|------|-------|
| Black        | Orange        |    |     |    |      |      |      |       |
| <b>13414</b> | <b>13414A</b> | 20 | M4  | 10 | 13   | 7    | 8.5  | n°100 |
| <b>13415</b> | <b>13415A</b> |    | M4  | 15 |      |      |      |       |
| <b>13416</b> | <b>13416A</b> |    | M4  | 20 |      |      |      |       |
| <b>13417</b> | <b>13417A</b> |    | M4  | 25 |      |      |      |       |
| <b>13418</b> | <b>13418A</b> |    | M5  | 10 |      |      |      |       |
| <b>13419</b> | <b>13419A</b> |    | M5  | 15 |      |      |      |       |
| <b>13420</b> | <b>13420A</b> |    | M5  | 20 |      |      |      |       |
| <b>13421</b> | <b>13421A</b> |    | M5  | 25 |      |      |      |       |
| <b>13422</b> | <b>13422A</b> |    | M6  | 10 |      |      |      |       |
| <b>13423</b> | <b>13423A</b> |    | M6  | 15 |      |      |      |       |
| <b>13424</b> | <b>13424A</b> | 25 | M6  | 20 | 16   | 8.5  | 11.5 | n°100 |
| <b>13425</b> | <b>13425A</b> |    | M6  | 25 |      |      |      |       |
| <b>13426</b> | <b>13426A</b> |    | M4  | 10 |      |      |      |       |
| <b>13427</b> | <b>13427A</b> |    | M4  | 15 |      |      |      |       |
| <b>13428</b> | <b>13428A</b> |    | M4  | 20 |      |      |      |       |
| <b>13429</b> | <b>13429A</b> |    | M4  | 25 |      |      |      |       |
| <b>13430</b> | <b>13430A</b> |    | M5  | 10 |      |      |      |       |
| <b>13431</b> | <b>13431A</b> |    | M5  | 15 |      |      |      |       |
| <b>13432</b> | <b>13432A</b> |    | M5  | 20 |      |      |      |       |
| <b>13433</b> | <b>13433A</b> |    | M5  | 25 |      |      |      |       |
| <b>13434</b> | <b>13434A</b> | 30 | M6  | 10 | 20.5 | 11.5 | 14   | n°100 |
| <b>13435</b> | <b>13435A</b> |    | M6  | 15 |      |      |      |       |
| <b>13436</b> | <b>13436A</b> |    | M6  | 20 |      |      |      |       |
| <b>13437</b> | <b>13437A</b> |    | M6  | 25 |      |      |      |       |
| <b>13438</b> | <b>13438A</b> |    | M5  | 15 |      |      |      |       |
| <b>13439</b> | <b>13439A</b> |    | M5  | 20 |      |      |      |       |
| <b>13440</b> | <b>13440A</b> |    | M5  | 25 |      |      |      |       |
| <b>13441</b> | <b>13441A</b> |    | M5  | 30 |      |      |      |       |
| <b>13442</b> | <b>13442A</b> |    | M6  | 15 |      |      |      |       |
| <b>13443</b> | <b>13443A</b> |    | M6  | 20 |      |      |      |       |
| <b>13444</b> | <b>13444A</b> | 40 | M6  | 25 | 25.5 | 14.5 | 17   | n°100 |
| <b>13445</b> | <b>13445A</b> |    | M6  | 30 |      |      |      |       |
| <b>13446</b> | <b>13446A</b> |    | M8  | 15 |      |      |      |       |
| <b>13447</b> | <b>13447A</b> |    | M8  | 20 |      |      |      |       |
| <b>13448</b> | <b>13448A</b> |    | M8  | 25 |      |      |      |       |
| <b>13449</b> | <b>13449A</b> |    | M8  | 30 |      |      |      |       |
| <b>13450</b> | <b>13450A</b> |    | M6  | 15 |      |      |      |       |
| <b>13451</b> | <b>13451A</b> |    | M6  | 20 |      |      |      |       |
| <b>13452</b> | <b>13452A</b> |    | M6  | 25 |      |      |      |       |
| <b>13453</b> | <b>13453A</b> |    | M6  | 30 |      |      |      |       |
| <b>13454</b> | <b>13454A</b> | 50 | M8  | 15 | 32   | 19   | 22   | n°100 |
| <b>13350</b> | <b>13350A</b> |    | M8  | 20 |      |      |      |       |
| <b>13456</b> | <b>13456A</b> |    | M8  | 25 |      |      |      |       |
| <b>13457</b> | <b>13457A</b> |    | M8  | 30 |      |      |      |       |
| <b>13458</b> | <b>13458A</b> |    | M10 | 20 |      |      |      |       |
| <b>13459</b> | <b>13459A</b> |    | M10 | 25 |      |      |      |       |
| <b>13460</b> | <b>13460A</b> |    | M10 | 30 |      |      |      |       |
| <b>13461</b> | <b>13461A</b> |    | M10 | 35 |      |      |      |       |
| <b>13462</b> | <b>13462A</b> |    | M6  | 15 |      |      |      |       |
| <b>13463</b> | <b>13463A</b> |    | M6  | 20 |      |      |      |       |
| <b>13464</b> | <b>13464A</b> | 50 | M6  | 25 | 32   | 19   | 22   | n°100 |
| <b>13465</b> | <b>13465A</b> |    | M6  | 30 |      |      |      |       |
| <b>13466</b> | <b>13466A</b> |    | M8  | 15 |      |      |      |       |
| <b>13467</b> | <b>13467A</b> |    | M8  | 20 |      |      |      |       |
| <b>13468</b> | <b>13468A</b> |    | M8  | 25 |      |      |      |       |
| <b>13469</b> | <b>13469A</b> |    | M8  | 30 |      |      |      |       |
| <b>13470</b> | <b>13470A</b> |    | M10 | 20 |      |      |      |       |
| <b>13471</b> | <b>13471A</b> |    | M10 | 25 |      |      |      |       |
| <b>13472</b> | <b>13472A</b> |    | M10 | 30 |      |      |      |       |
| <b>13473</b> | <b>13473A</b> |    | M10 | 35 |      |      |      |       |

## STARKNOB

**Material:** polyamide, threaded insert in stainless steel AISI 304.

**Note:** starknob DIN 6335.

# STARKNOB FEMALE

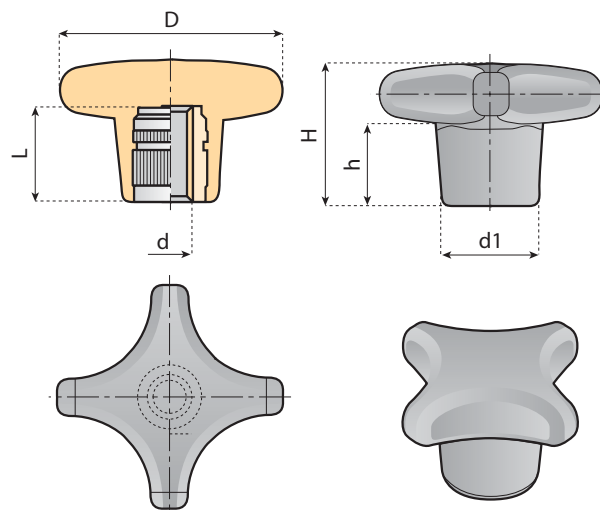
 Preferred type, readily available (codes marked in red)



Nickel plated brass



Polyamide

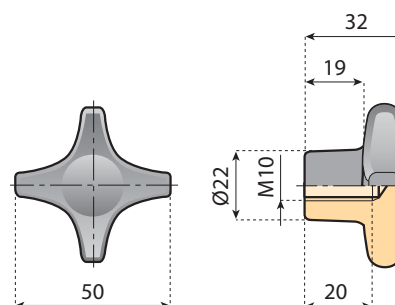


| Black        | Orange        | D  | d   | L  | H    | h    | d1   |       |
|--------------|---------------|----|-----|----|------|------|------|-------|
| <b>13474</b> | <b>13474A</b> | 20 | M4  | 9  | 13   | 7    | 8.5  | n°100 |
| <b>13475</b> | <b>13475A</b> |    | M5  |    |      |      |      |       |
| <b>13476</b> | <b>13476A</b> |    | M6  |    |      |      |      |       |
| <b>13477</b> | <b>13477A</b> | 25 | M4  | 9  | 16   | 8.5  | 11.5 | n°100 |
| <b>13478</b> | <b>13478A</b> |    | M5  |    |      |      |      |       |
| <b>13479</b> | <b>13479A</b> |    | M6  |    |      |      |      |       |
| <b>13480</b> | <b>13480A</b> | 30 | M8  | 15 | 20.5 | 11.5 | 14   | n°100 |
| <b>13481</b> | <b>13481A</b> |    | M5  |    |      |      |      |       |
| <b>13482</b> | <b>13482A</b> |    | M6  |    |      |      |      |       |
| <b>13483</b> | <b>13483A</b> | 40 | M8  | 17 | 25.5 | 14.5 | 17   | n°100 |
| <b>13484</b> | <b>13484A</b> |    | M6  |    |      |      |      |       |
| <b>13485</b> | <b>13485A</b> |    | M8  |    |      |      |      |       |
| <b>13486</b> | <b>13486A</b> | 50 | M10 | 17 | 32   | 19   | 22   | n°100 |
| <b>13487</b> | <b>13487A</b> |    | M6  |    |      |      |      |       |
| <b>13488</b> | <b>13488A</b> |    | M8  |    |      |      |      |       |
| <b>13489</b> | <b>13489A</b> |    | M10 |    |      |      |      |       |

## STARKNOB

**Material:** polyamide, bushing in nickel plated brass.

**Note:** starknob DIN 6335.



## KNOB

**Note:** max. torque on the knob 3.5 Kgm.

## Code

**13489S** Without insert



n°100



Black

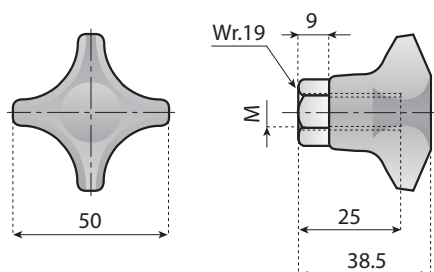
 Preferred type, readily available (codes marked in red)



Nickel plated brass



Reinforced polyamide

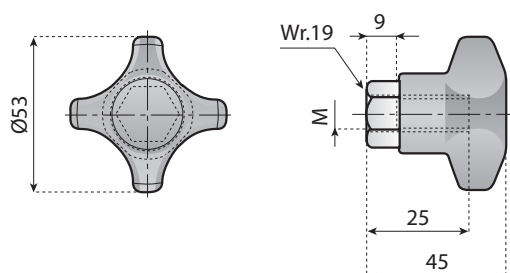


## KNOB

**Material:** reinforced polyamide, hexagonal insert in nickel plated brass.

**Note:** max. torque on the knob 2.5 Kgm.  
For further tightening work on the hexagon.

| Code  | M  |       |
|-------|----|-------|
| 13341 | 6  |       |
| 13345 | 8  | n°100 |
| 13343 | 10 |       |

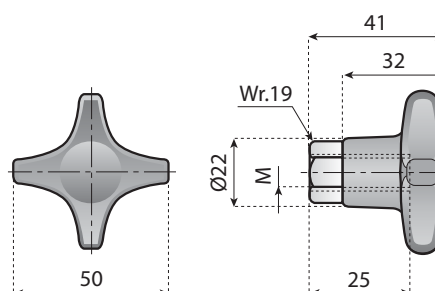


## KNOB

**Material:** reinforced polyamide, hexagonal insert in nickel plated brass.

**Note:** max. torque on the knob 2.5 Kgm.  
For further tightening work on the hexagon.

| Code  | M  |       |
|-------|----|-------|
| 13357 | 6  |       |
| 13356 | 8  | n°100 |
| 13355 | 10 |       |



## KNOB

**Material:** reinforced polyamide with nickel plated brass insert.

**Note:** max. torque on the knob 3.5 Kgm.

| Code  | M  |       |
|-------|----|-------|
| 13491 | 6  |       |
| 13492 | 8  | n°100 |
| 13493 | 10 |       |



 Preferred type, readily available (codes marked in red)

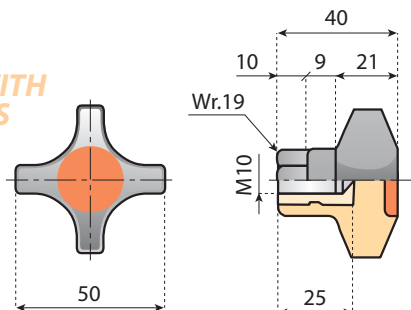


Nickel plated brass



Reinforced polyamide

ON REQUEST IT IS  
POSSIBLE  
TO SUPPLY KNOBS WITH  
CUSTOMIZED CAPS



## KNOB

**Material:** reinforced polyamide, insert in nickel plated brass.

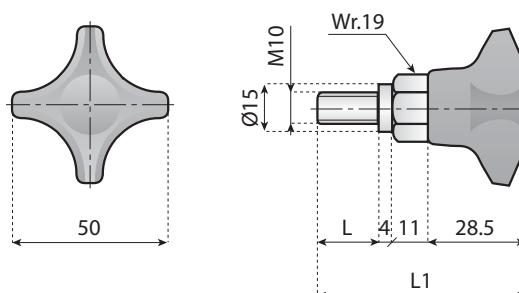
**Note:** max. torque on the knob 2 Kgm.

Code

**13338**



n°100



## KNOB

**Material:** reinforced polyamide, hexagonal insert in nickel plated brass.

**Note:** max. torque on the knob 2,5 Kgm.

For further tightening work on the hexagon.

Code

**13342**

L

11.5

L1

54

**13349**

20

62.5

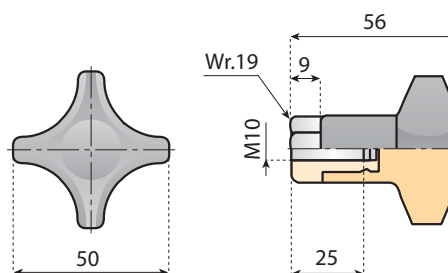
**13348**

25

67.5



n°100



## KNOB

**Material:** reinforced polyamide, hexagonal insert in nickel plated brass.

**Note:** max. torque on the knob 2,5 Kgm.

For further tightening work on the hexagon.

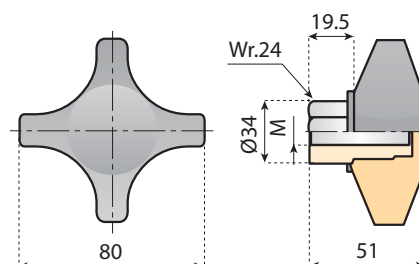
Code

**13344**



n°100

 Preferred type, readily available (codes marked in red)



Nickel plated brass



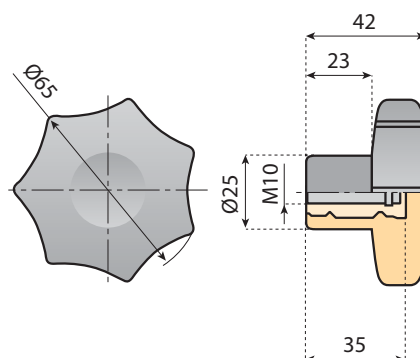
Reinforced polyamide

## KNOB

**Material:** reinforced polyamide, hexagonal insert in nickel plated brass.

**Note:** max. torque on the knob 2,5 kgm.  
For further tightening work on the hexagon.

| Code  | M  |       |
|-------|----|-------|
| 13346 | 12 | n°100 |
| 13347 | 16 |       |



## KNOB

**Material:** reinforced polyamide, with nickel plated brass insert.

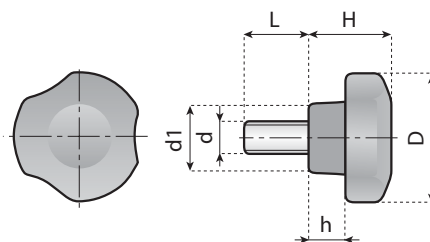
**Note:** max. torque on the knob 2,5 kgm.

| Code  |       |
|-------|-------|
| 13340 | n°100 |



# KNOBS

 Preferred type, readily available (codes marked in red)



Nickel plated brass



Reinforced polyamide



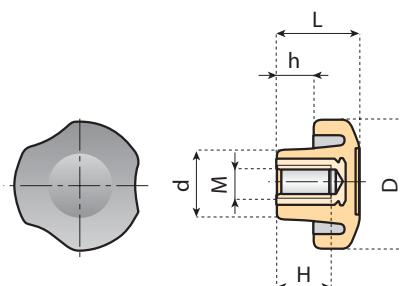
Zinc plated steel

| Code  | D  | d   | L  | H  | h  | d1 |       |
|-------|----|-----|----|----|----|----|-------|
| 13550 | 20 | M4  | 10 | 13 | 5  | 13 | n°100 |
| 13551 |    | M4  | 15 |    |    |    |       |
| 13552 |    | M5  | 15 |    |    |    |       |
| 13553 |    | M5  | 20 |    |    |    |       |
| 13554 | 25 | M4  | 10 | 16 | 6  | 14 | n°100 |
| 13555 |    | M4  | 15 |    |    |    |       |
| 13556 |    | M5  | 15 |    |    |    |       |
| 13557 |    | M5  | 20 |    |    |    |       |
| 13558 |    | M6  | 20 |    |    |    |       |
| 13559 |    | M6  | 25 |    |    |    |       |
| 13560 | 30 | M6  | 15 | 19 | 7  | 17 | n°100 |
| 13561 |    | M6  | 20 |    |    |    |       |
| 13562 |    | M8  | 20 |    |    |    |       |
| 13563 |    | M8  | 25 |    |    |    |       |
| 13564 |    | M10 | 25 |    |    |    |       |
| 13565 | 40 | M10 | 30 | 25 | 11 | 21 | n°100 |
| 13566 |    | M6  | 20 |    |    |    |       |
| 13567 |    | M6  | 25 |    |    |    |       |
| 13568 |    | M8  | 25 |    |    |    |       |
| 13569 |    | M8  | 30 |    |    |    |       |
| 13570 | 50 | M10 | 30 | 30 | 13 | 24 | n°100 |
| 13571 |    | M10 | 40 |    |    |    |       |
| 13572 |    | M8  | 25 |    |    |    |       |
| 13573 |    | M8  | 30 |    |    |    |       |
| 13574 |    | M10 | 30 |    |    |    |       |
| 13575 | 60 | M10 | 40 | 38 | 25 | 17 | n°100 |
| 13576 |    | M12 | 40 |    |    |    |       |
| 13577 |    | M12 | 50 |    |    |    |       |

## KNOB WITH THREADED PIN

**Material:** reinforced polyamide with threaded insert in zinc plated steel.

**Note:** max. torque on the knob 2 Kgm.



| Code  | D  | M  | d  | L  | H  | h  |       |
|-------|----|----|----|----|----|----|-------|
| 13402 | 20 | 4  | 13 | 13 | 9  | 5  | n°100 |
| 13403 | 20 | 5  | 13 | 13 | 9  | 5  |       |
| 13404 | 25 | 5  | 14 | 16 | 9  | 6  |       |
| 13405 | 25 | 6  | 14 | 16 | 9  | 6  |       |
| 13406 | 30 | 6  | 17 | 19 | 11 | 7  |       |
| 13407 | 30 | 8  | 17 | 19 | 11 | 7  |       |
| 13408 | 30 | 10 | 17 | 19 | 11 | 7  |       |
| 13401 | 40 | 8  | 21 | 25 | 16 | 11 |       |
| 13409 | 40 | 10 | 21 | 25 | 16 | 11 |       |
| 13410 | 50 | 10 | 24 | 30 | 18 | 13 |       |
| 13411 | 50 | 12 | 24 | 30 | 18 | 13 | n°100 |
| 13412 | 60 | 12 | 28 | 38 | 25 | 17 |       |
| 13413 | 60 | 14 | 28 | 38 | 25 | 17 |       |

## KNOB

**Material:** reinforced polyamide with nickel plated brass insert.

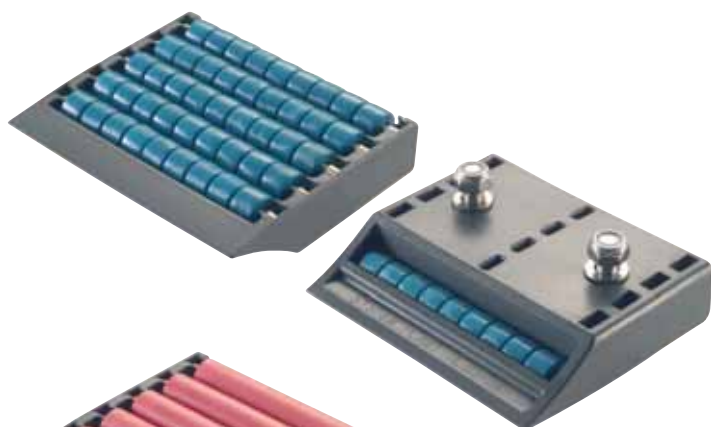
**Note:** max. torque on the knob 2 Kgm.



For heavy duty construction, and for bigger width please see page 328-330

- Create a smooth transfer between two conveyors
- Can be used individually or back-to-back
- Ultra low friction
- Low noise rollers

- Clean design
- Easy, flexible mounting
- Modular set-up in width and length
- Available in 85 or 115 mm width



Type: **MR**

Plastic Multi Rollers

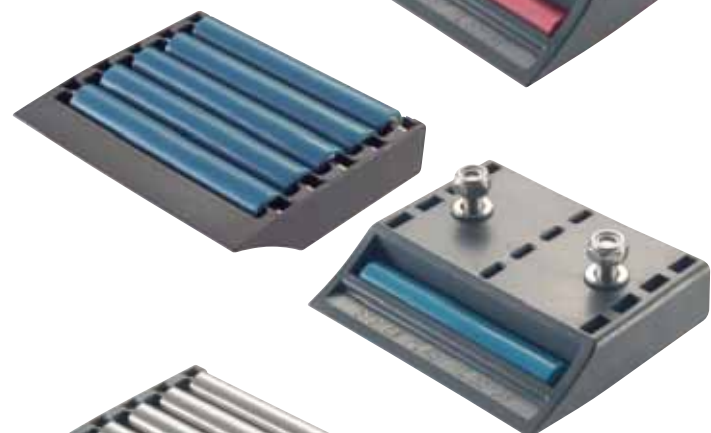
**MR**



Type: **SR**

Single Plastic Roller in low noise version

**SR**



Type: **SSA**

Plastic Roller with ball bearing

**SSA**



Type: **SS**

Stainless Steel Roller with ball bearing

**SS**



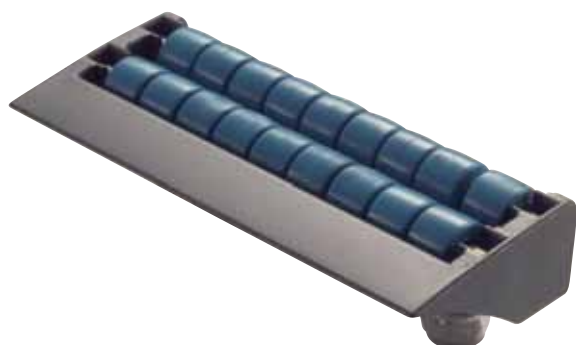
## The tange

The transfer plates are available in four different versions in order to be compatible with many applications.

## Material

- Frame in acetal resin
- Rollers in low noise material or stainless steel.
- Pins, washers and bolts in stainless steel AISI 304.
- Supply: assembled.
- Packaging: 10 pieces.

# MODULAR TRANSFER PLATES WITH ROLLERS



AISI 430  
Stainless steel



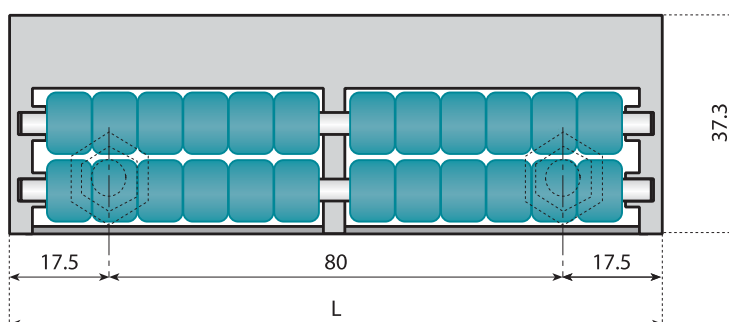
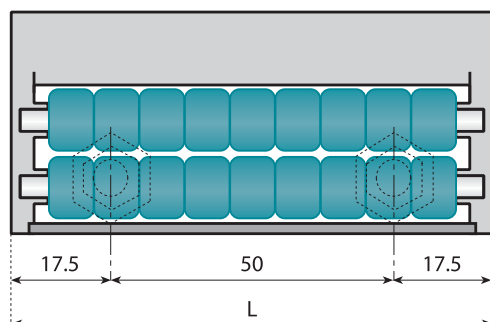
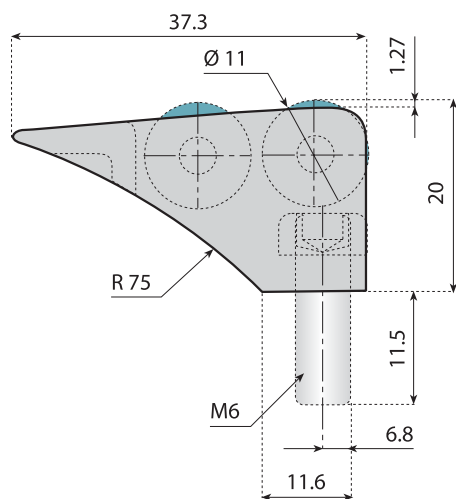
P.B.T.



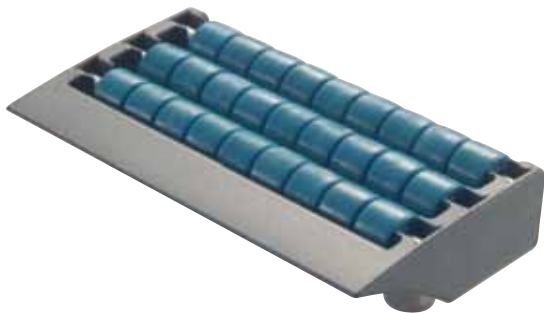
Acetal resin

**MODULE WITH TWO ROWS OF ROLLERS**  
Width L=85 or L=115

| TYPE | L   | Fastener M6                                                                       |                                                                                     | Nut M6                                                                              | Without screws |
|------|-----|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|
|      |     |  |  |  |                |
| MR   | 85  | 16777                                                                             | 16777S                                                                              | 16777D                                                                              | 16777W         |
| SR   |     | 16777-SR                                                                          | 16777S-SR                                                                           | 16777D-SR                                                                           | 16777W-SR      |
| SSA  |     | 16777-SSA                                                                         | 16777S-SSA                                                                          | 16777D-SSA                                                                          | 16777W-SSA     |
| SS   |     | 16777-SS                                                                          | 16777S-SS                                                                           | 16777D-SS                                                                           | 16777W-SS      |
| MR   | 115 | 16778                                                                             | 16778S                                                                              | 16778D                                                                              | 16778W         |
| SR   |     | 16778-SR                                                                          | 16778S-SR                                                                           | 16778D-SR                                                                           | 16778W-SR      |
| SSA  |     | 16778-SSA                                                                         | 16778S-SSA                                                                          | 16778D-SSA                                                                          | 16778W-SSA     |
| SS   |     | 16778-SS                                                                          | 16778S-SS                                                                           | 16778D-SS                                                                           | 16778W-SS      |



# MODULAR TRANSFER PLATES WITH ROLLERS



AISI 430  
Stainless steel



P.B.T.

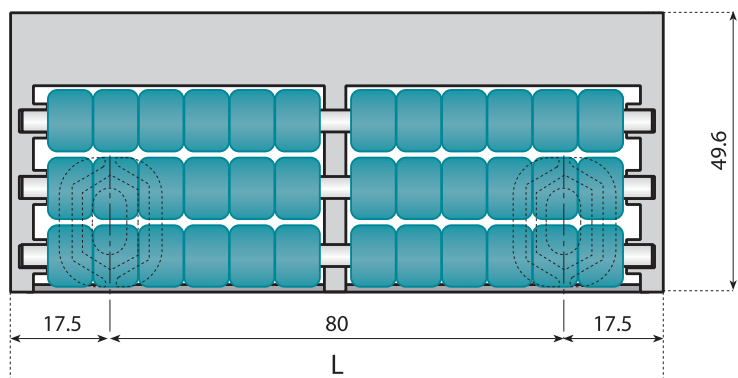
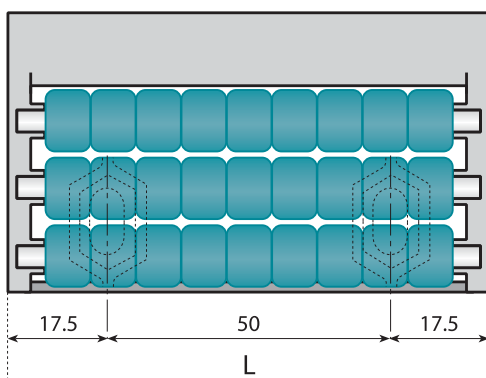
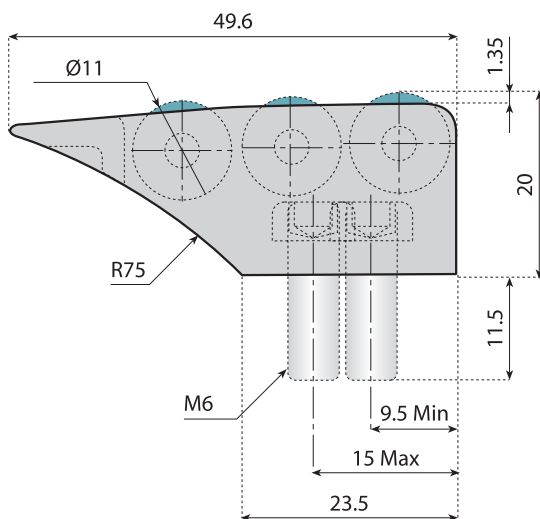


Acetal resin

**MODULE WITH THREE ROWS OF ROLLERS**  
Width L=85 or L=115

**PLATE FASTENING**  
The slotted holes allow a 5 mm movement of the bolts.

| TYPE | L   | Fastener M6 |            | Nut M6     | Without screws |
|------|-----|-------------|------------|------------|----------------|
|      |     |             |            |            |                |
| MR   | 85  | 16770       | 16770S     | 16770D     | 16770W         |
| SR   |     | 16770-SR    | 16770S-SR  | 16770D-SR  | 16770W-SR      |
| SSA  |     | 16770-SSA   | 16770S-SSA | 16770D-SSA | 16770W-SSA     |
| SS   |     | 16770-SS    | 16770S-SS  | 16770D-SS  | 16770W-SS      |
| MR   | 115 | 16771       | 16771S     | 16771D     | 16771W         |
| SR   |     | 16771-SR    | 16771S-SR  | 16771D-SR  | 16771W-SR      |
| SSA  |     | 16771-SSA   | 16771S-SSA | 16771D-SSA | 16771W-SSA     |
| SS   |     | 16771-SS    | 16771S-SS  | 16771D-SS  | 16771W-SS      |



# MODULAR TRANSFER PLATES WITH ROLLERS



AISI 430  
Stainless steel



P.B.T.

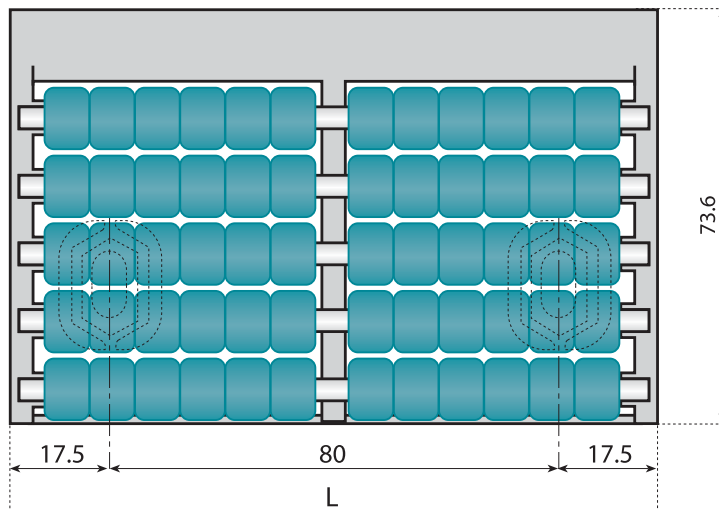
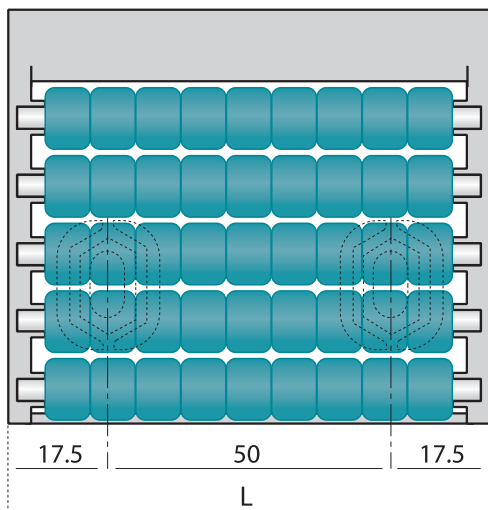
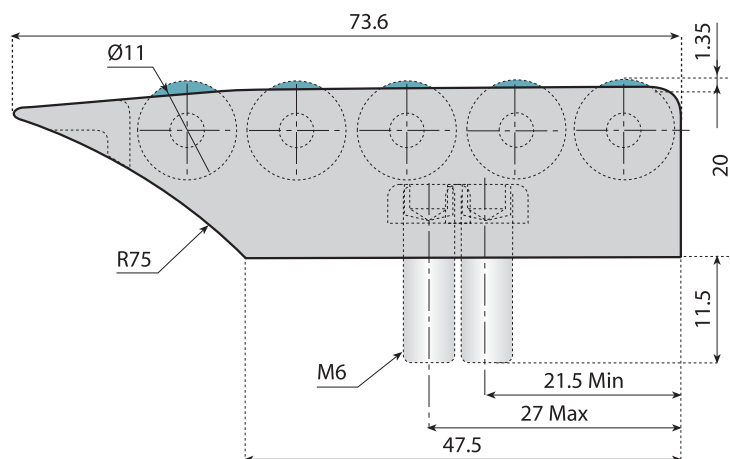


Acetal resin

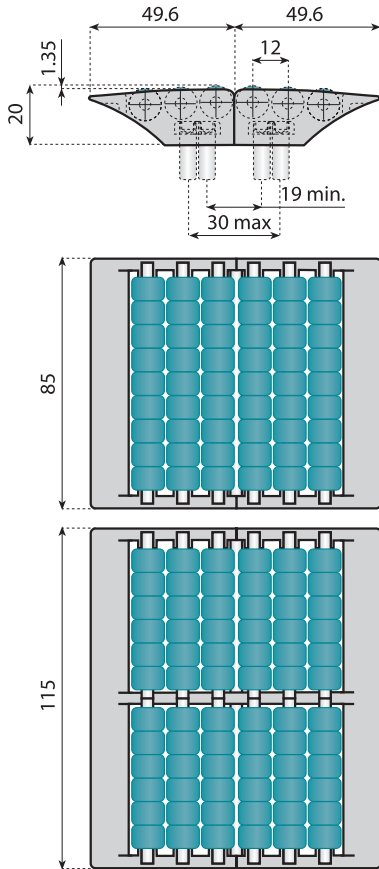
**MODULE WITH FIVE ROWS OF ROLLERS**  
Width L=85 or L=115

**PLATE FASTENING**  
The slotted holes allow a 5 mm movement of the bolts.

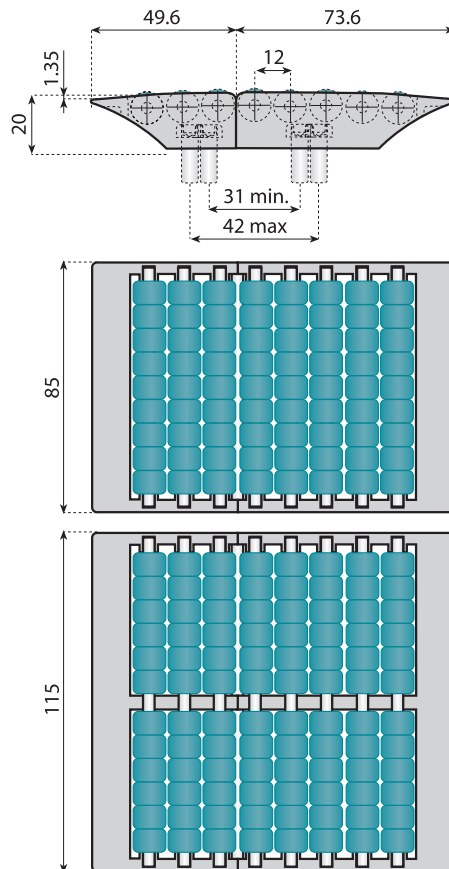
| TYPE | L   | Fastener M6                                                                       |                                                                                     | Nut M6                                                                              | Without screws |
|------|-----|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|
|      |     |  |  |  |                |
| MR   | 85  | 16772                                                                             | 16772S                                                                              | 16772D                                                                              | 16772W         |
| SR   |     | 16772-SR                                                                          | 16772S-SR                                                                           | 16772D-SR                                                                           | 16772W-SR      |
| SSA  |     | 16772-SSA                                                                         | 16772S-SSA                                                                          | 16772D-SSA                                                                          | 16772W-SSA     |
| SS   |     | 16772-SS                                                                          | 16772S-SS                                                                           | 16772D-SS                                                                           | 16772W-SS      |
| MR   | 115 | 16773                                                                             | 16773S                                                                              | 16773D                                                                              | 16773W         |
| SR   |     | 16773-SR                                                                          | 16773S-SR                                                                           | 16773D-SR                                                                           | 16773W-SR      |
| SSA  |     | 16773-SSA                                                                         | 16773S-SSA                                                                          | 16773D-SSA                                                                          | 16773W-SSA     |
| SS   |     | 16773-SS                                                                          | 16773S-SS                                                                           | 16773D-SS                                                                           | 16773W-SS      |



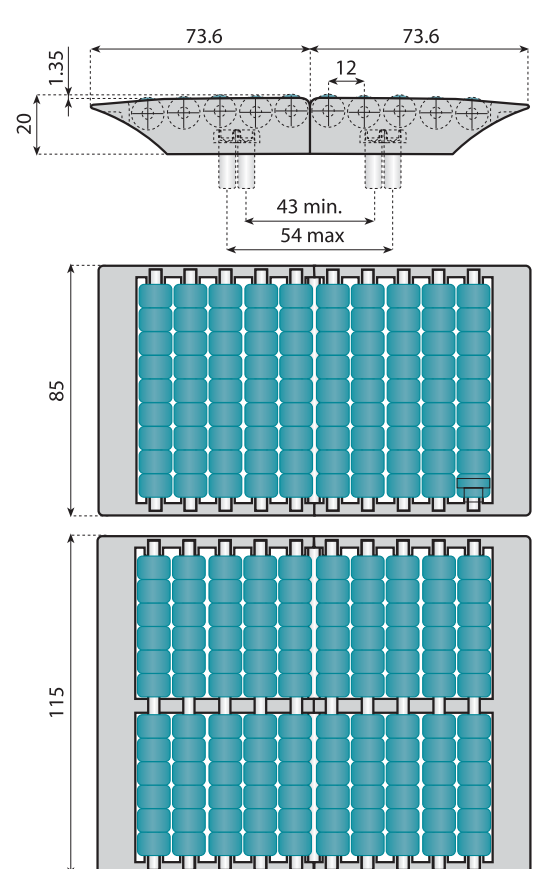
Assembly with two modules of three rows of rollers



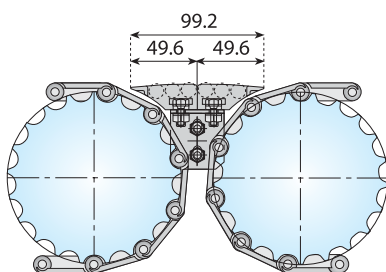
Assembly with two modules:  
- One module with three rows of rollers  
- One module with five rows of rollers



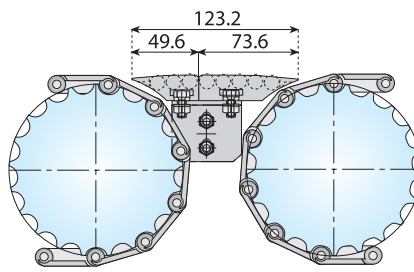
Assembly with two modules of five rows of rollers



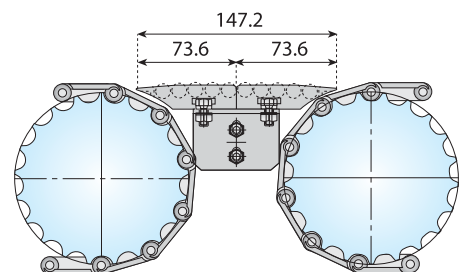
## HEAD TO TAIL TRANSFER Examples of assembly



Head to tail transfer with two modules of three rows of rollers.  
Assembly with stainless steel or plastic resin flat top chains.  
Top plate thickness from 3 mm to 4.8 mm

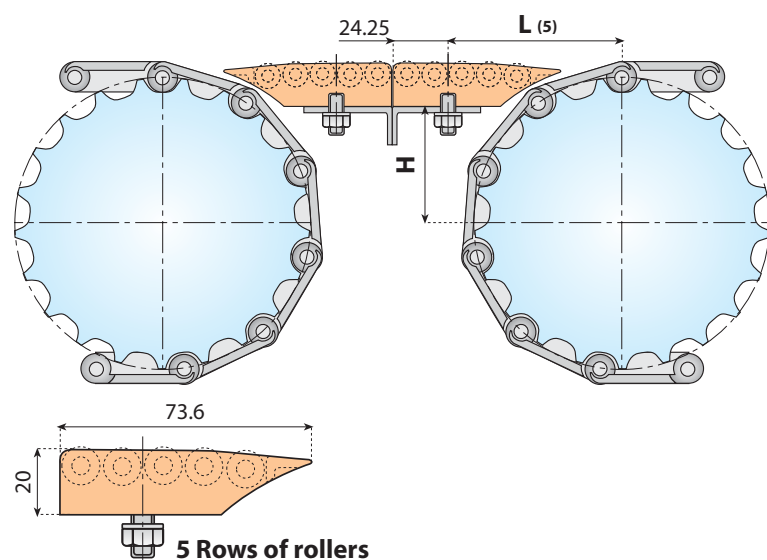
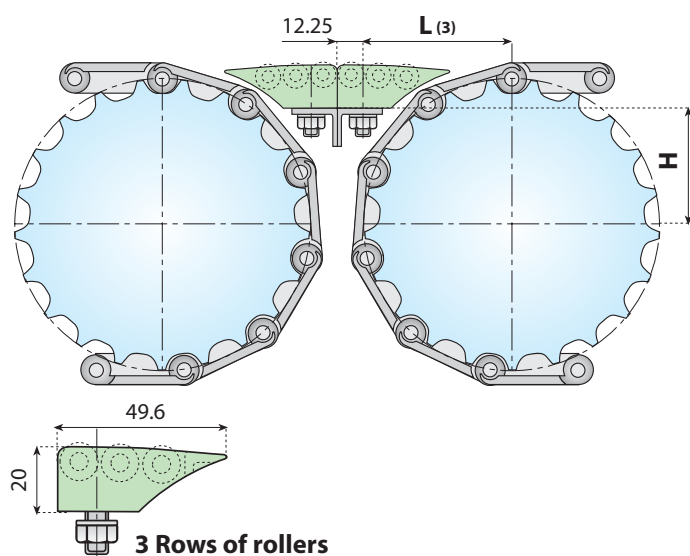
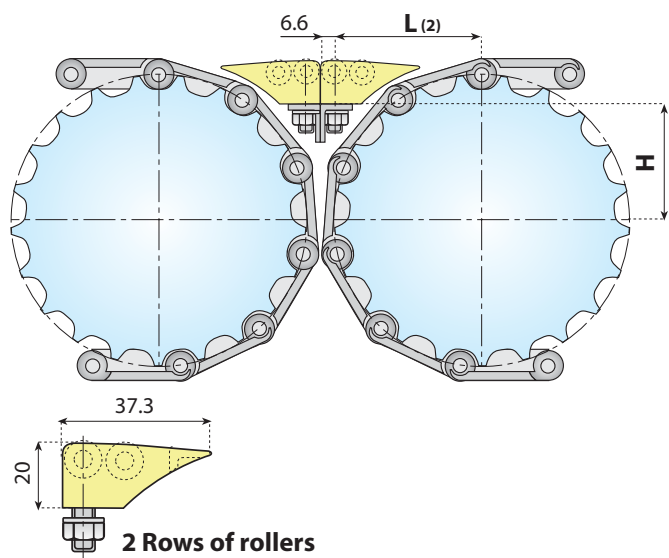


Head to tail transfer two with modules:  
- One module of three rows of rollers  
- One module of five rows of rollers  
Assembly with stainless steel or plastic resin flat top chains.  
Top plate thickness from 3 mm to 4.8 mm

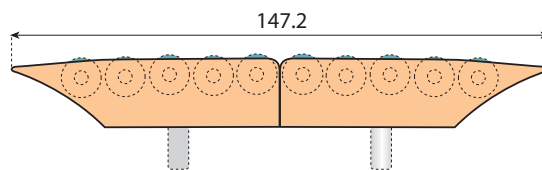
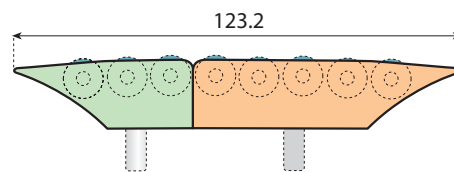
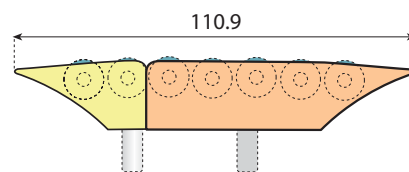
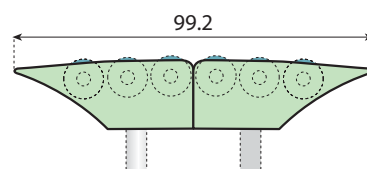
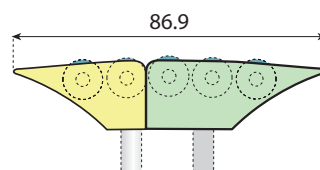
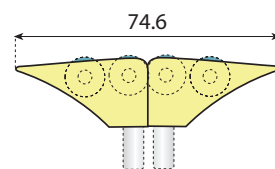


Head to tail transfer with two modules of five rows of rollers.  
Assembly with stainless steel or plastic resin flat top chains.  
Top plate thickness from 3 mm to 4.8 mm

# MODULAR TRANSFER ROLLERS PLATES H AND L DIMENSIONS



## Combinations



**Head to tail transfer with two modules**

# MODULAR TRANSFER ROLLERS PLATES H AND L DIMENSIONS

| CHAIN TYPES | Sprockets Z=17 |      |      | Sprockets Z=19 |      |      | Sprockets Z=21 |      |      | Sprockets Z=23 |      |      | Sprockets Z=25 |      |      | Sprockets Z=27 |      |      | Sprockets Z=29 |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |      |      |   |
|-------------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|------|------|---|
|             | H              | L(2) | L(3) | H              | L(2) | L(3) | H              | L(2) | L(3) | H              | L(2) | L(3) | H              | L(2) | L(3) | H              | L(2) | L(3) | H              | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H | L(2) | L(3) | H |

| CHAIN TYPES                                                    | Sprockets Z=9 |      | Sprockets Z=10 |       | Sprockets Z=11 |      | Sprockets Z=12 |       |
|----------------------------------------------------------------|---------------|------|----------------|-------|----------------|------|----------------|-------|
|                                                                | H             | L(2) | L(3)           | L(6)  | H              | L(2) | L(3)           | L(6)  |
| 828, 879, 880, 879 J, 880 J, 879 TAB,<br>880 TAB, 879 M, 880 M | 43,0          | 68,6 | 79,6           | 103,7 | 49,0           | 71,7 | 81,8           | 105,1 |
| 878 TAB                                                        | 43,4          | 68,7 | 79,8           | 103,4 | 49,4           | L(3) | 82,0           | 104,9 |
| 879 TAB VG, 879 M VG                                           | 46,0          | 70,1 | 80,7           | 104,6 | 52,0           | L(3) | 83,2           | 105,9 |
| 878 TAB VG                                                     | 46,4          | 70,7 | 80,3           | 104,4 | 52,4           | L(3) | 82,9           | 105,6 |
| LBP 878 TAB, LBP 879 M                                         | 58,4          | L(3) | 85,1           | 107,3 | 64,4           | L(3) | 87,7           | 108,5 |
| 8257, 882 BEVEL, 882 TAB, 882 M                                | 45,6          | 70,2 | 80,1           | 104,0 | 51,5           | L(3) | 82,6           | 105,4 |
| 8257 VG, 882 TAB VG, 882 M VG                                  | 48,6          | 71,7 | 80,7           | 104,9 | 54,5           | L(3) | 83,4           | 106,3 |
| LBP 8257, LBP 882 TAB, LBP 882 M                               | 60,1          | L(3) | 85,6           | 107,8 | 66,0           | L(3) | L(5)           | 109,8 |

| CHAIN TYPES | Sprockets Z=13 |      | Sprockets Z=15 |       | Sprockets Z=17 |      | Sprockets Z=18 |       | Sprockets Z=19 |      | Sprockets Z=21 |       | Sprockets Z=23 |      | Sprockets Z=25 |       |
|-------------|----------------|------|----------------|-------|----------------|------|----------------|-------|----------------|------|----------------|-------|----------------|------|----------------|-------|
|             | H              | L(2) | L(3)           | L(6)  | H              | L(2) | L(3)           | L(6)  | H              | L(2) | L(3)           | L(6)  | H              | L(2) | L(3)           | L(6)  |
| 515         | 39,9           | 66,5 | 79,0           | 102,8 | 47,9           | 70,5 | 82,2           | 104,8 | 56,0           | L(3) | 85,4           | 106,7 | 60,0           | L(3) | 87,0           | 107,7 |

| BELT TYPES                                   | Sprockets Z=14 |      | Sprockets Z=16 |      | Sprockets Z=20 |      | Sprockets Z=24 |      | Sprockets Z=28 |      | Sprockets Z=36 |      | Sprockets Z=38 |      | Sprockets Z=40 |       |
|----------------------------------------------|----------------|------|----------------|------|----------------|------|----------------|------|----------------|------|----------------|------|----------------|------|----------------|-------|
|                                              | H              | L(2) | L(3)           | L(6) | H              | L(2) | L(3)           | L(6) | H              | L(2) | L(3)           | L(6) | H              | L(2) | L(3)           | L(6)  |
| 2120 K134, K200, 2120 FT, FG, 2120M, 2121 FT | 13,4           | 59,1 | 71,0           | 94,9 | 17,4           | 60,7 | 72,3           | 95,9 | 25,5           | 63,9 | 75,0           | 98,0 | 33,5           | 67,1 | 77,7           | 100,1 |
| GB 2120, VG 2120 K200, VG 2120               | 14,9           | 59,5 | 71,5           | 95,5 | 18,9           | 61,1 | 72,8           | 96,5 | 27,0           | 64,4 | 75,5           | 98,6 | 35,0           | 67,6 | 78,2           | 100,7 |
| LBP 2120                                     | 15,4           | 59,9 | 71,8           | 95,8 | 19,4           | 61,6 | 73,1           | 96,8 | 27,5           | 64,8 | 75,8           | 98,8 | 35,5           | 68,0 | 78,4           | 100,9 |

| BELT TYPES       | Sprockets Z=17 |      | Sprockets Z=21 |       | Sprockets Z=24 |      | Sprockets Z=25 |       |
|------------------|----------------|------|----------------|-------|----------------|------|----------------|-------|
|                  | H              | L(2) | L(3)           | L(6)  | H              | L(2) | L(3)           | L(6)  |
| 2190 FT, 2190 FG | 35,2           | 65,5 | 77,5           | 101,5 | 47,9           | 71,2 | 81,4           | 104,3 |

| BELT TYPES                | Sprockets Z=12 |      | Sprockets Z=13 |       | Sprockets Z=14 |      | Sprockets Z=15 |       | Sprockets Z=16 |      | Sprockets Z=18 |       | Sprockets Z=20 |      | Sprockets Z=21 |       |
|---------------------------|----------------|------|----------------|-------|----------------|------|----------------|-------|----------------|------|----------------|-------|----------------|------|----------------|-------|
|                           | H              | L(2) | L(3)           | L(6)  | H              | L(2) | L(3)           | L(6)  | H              | L(2) | L(3)           | L(6)  | H              | L(2) | L(3)           | L(6)  |
| 2250 FT, 2250 FG          | 31,0           | 64,7 | 76,5           | 100,2 | 34,8           | 66,5 | 77,9           | 101,2 | 38,8           | 68,2 | 79,3           | 102,2 | 42,8           | 70,0 | 80,7           | 103,1 |
| VG 2250                   | 33,5           | 65,3 | 77,2           | 101,2 | 37,3           | 67,1 | 78,7           | 102,1 | 41,3           | 68,9 | 80,1           | 103,1 | 45,3           | 72,5 | 83,0           | 105,0 |
| 2251 FT, 2252 FT, 2252 PT | 35,0           | 65,3 | 77,4           | 101,6 | 38,8           | 67,1 | 78,9           | 102,5 | 42,8           | 69,0 | 80,4           | 103,4 | 46,8           | 70,9 | 81,9           | 104,3 |
| VG 2251                   | 37,5           | 66,0 | 78,3           | 102,0 | 41,3           | 67,9 | 79,8           | 103,0 | 45,3           | 69,9 | 81,3           | 104,0 | 49,3           | 71,8 | 82,8           | 104,9 |
| LBP 2251                  | 49,5           | L(3) | 81,2           | 105,2 | 53,3           | L(3) | 83,0           | 106,2 | 57,3           | L(3) | 84,7           | 107,2 | 61,3           | L(3) | 86,5           | 108,2 |

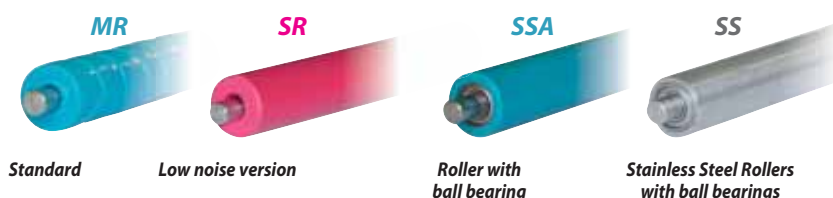
| BELT TYPES             | Sprockets Z=10 |      | Sprockets Z=13 |       | Sprockets Z=15 |      | Sprockets Z=16 |       |
|------------------------|----------------|------|----------------|-------|----------------|------|----------------|-------|
|                        | H              | L(2) | L(3)           | L(6)  | H              | L(2) | L(3)           | L(6)  |
| 2351, 2451, 2651, 2651 | 35,8           | 65,3 | 77,7           | 101,8 | 50,8           | L(3) | 83,9           | 105,7 |

| CHAIN - BELT TYPES       | Sprockets Z=16 |      |      | Sprockets Z=18 |      |      | Sprockets Z=19 |       |      |      |      |       |
|--------------------------|----------------|------|------|----------------|------|------|----------------|-------|------|------|------|-------|
|                          | H              | L(2) | L(3) | L(6)           | H    | L(2) | L(3)           | L(5)  | H    | L(2) | L(3) | L(5)  |
| 2250 M, 2250 TAB, 2260 M | 58,0           | L(3) | 85,1 | 107,8          | 65,9 | L(3) | 88,8           | 109,3 | 70,7 | L(3) | L(5) | 110,1 |
| 2251 M, 2251 TAB         | 62,4           | L(3) | 87,0 | 108,1          | 70,3 | L(3) | L(5)           | 109,9 | 75,1 | L(3) | L(5) | 110,8 |

# DYNAPLATE ROLLER TRANSFER



- Mix and match for best transfer lengths and widths
- Long life, durable, trouble-free up time
- Flexible T-bolt mounting - won't strip or turn during installation
- Acetal body low noise rollers, stainless steel pins.

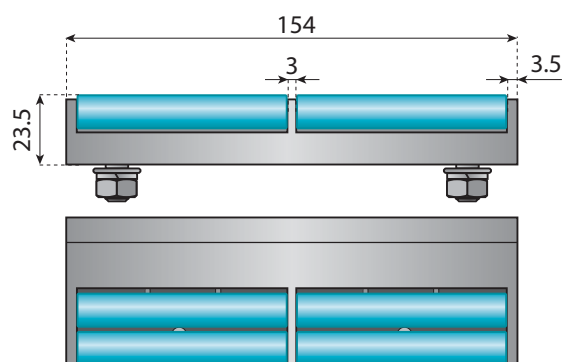
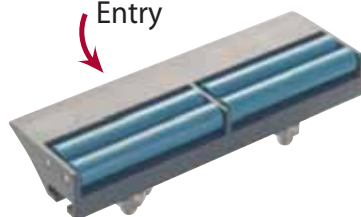


## Code

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16S00020-SR  
16S00020-SSA  
16S00020-SS

## 2 Roller Rows

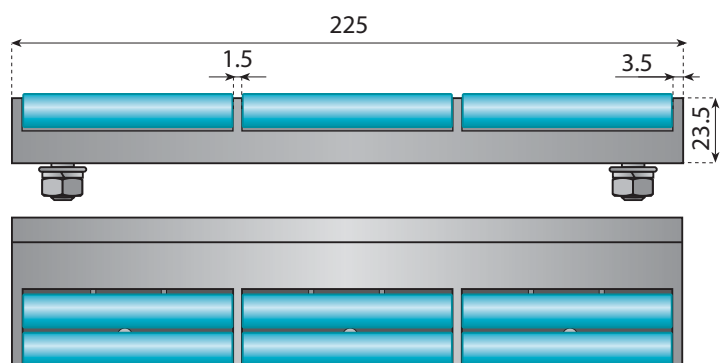
Sloped Entry



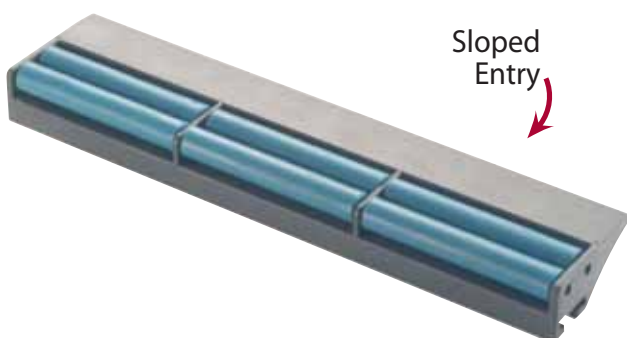
## Code

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16S00023-SR  
16S00023-SSA  
16S00023-SS

## 2 Roller Rows



Sloped Entry



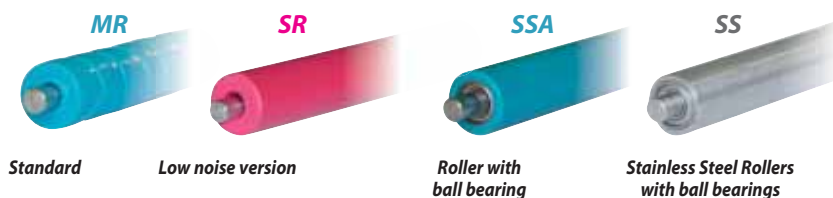
Head to tail transfer using two roller transfer assemblies positioned back-to-back



90° transfer using single roller transfer assembly.



- Mix and match for best transfer lengths and widths
- Long life, durable, trouble-free up time
- Flexible T-bolt mounting - won't strip or turn during installation
- Acetal body low noise rollers, stainless steel pins.



## Code

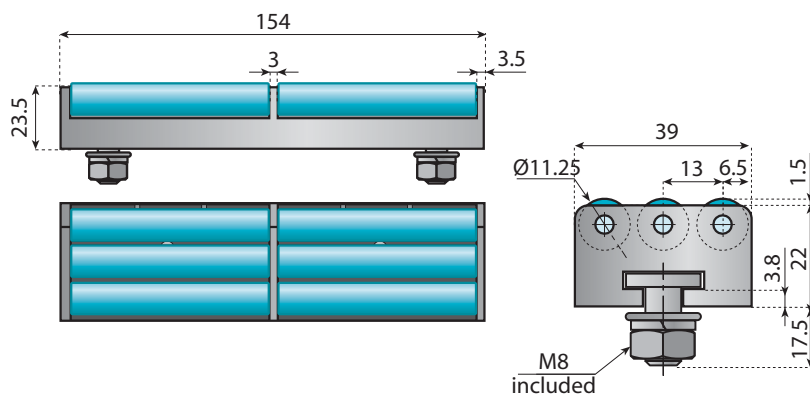
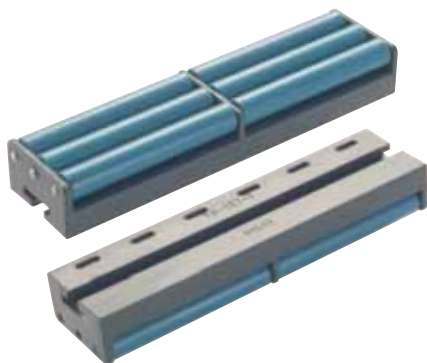
16S00021

16S00021-SR

16S00021-SSA

16S00021-SS

## 3 Roller Rows



## Code

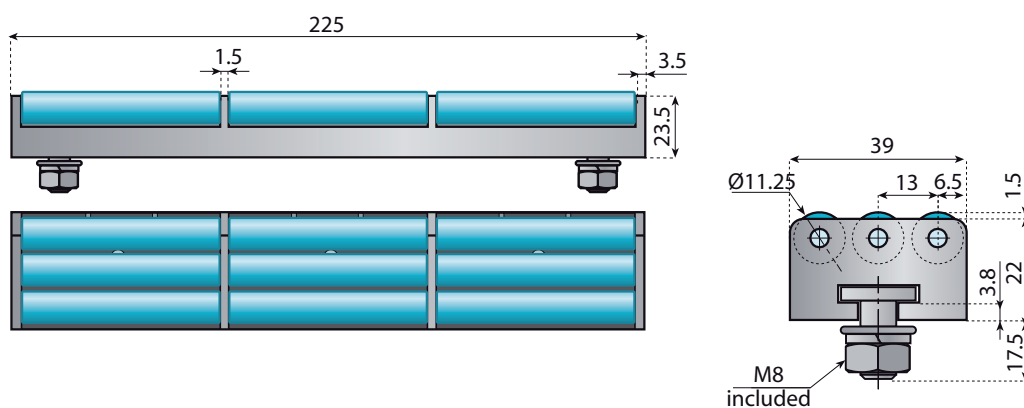
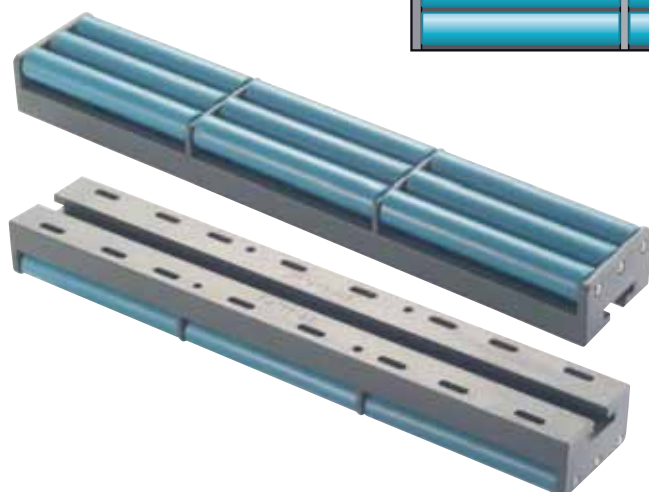
16S00024

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16S00024-SSA

16S00024-SS

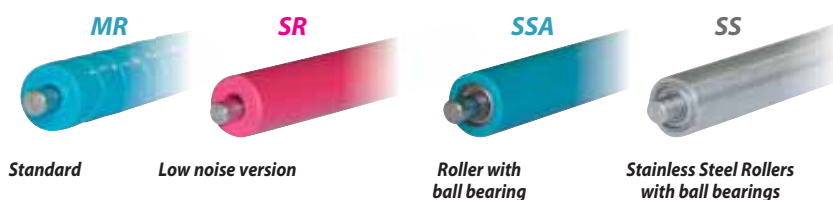
## 3 Roller Rows



# DYNAPLATE ROLLER TRANSFER



- Mix and match for best transfer lengths and widths
- Long life, durable, trouble-free up time
- Flexible T-bolt mounting - won't strip or turn during installation
- Acetal body low noise rollers, stainless steel pins.

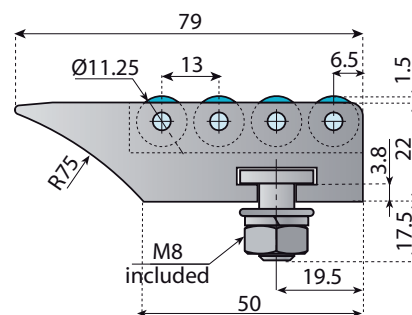
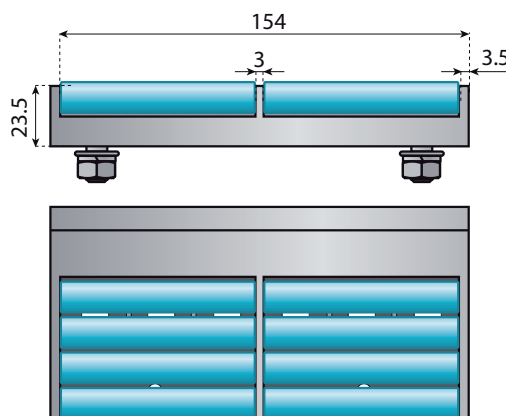
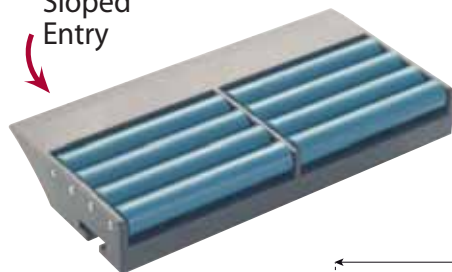


## Code

16S00022  
16S00022-SR  
16S00022-SSA  
16S00022-SS

## 4 Roller Rows

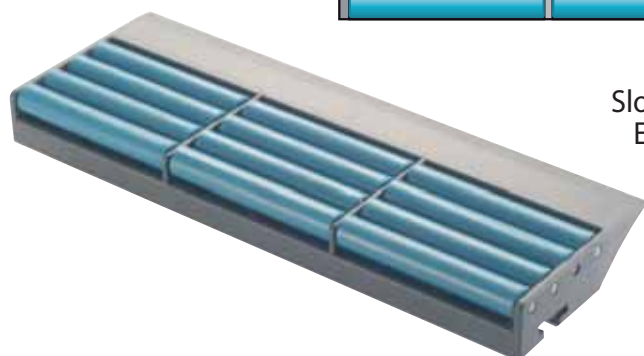
Sloped Entry



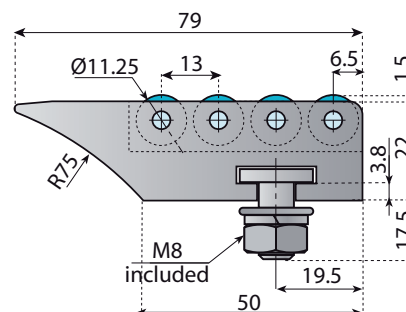
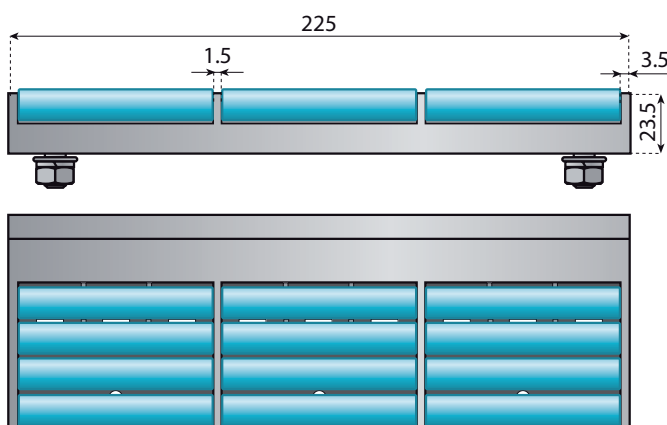
## Code

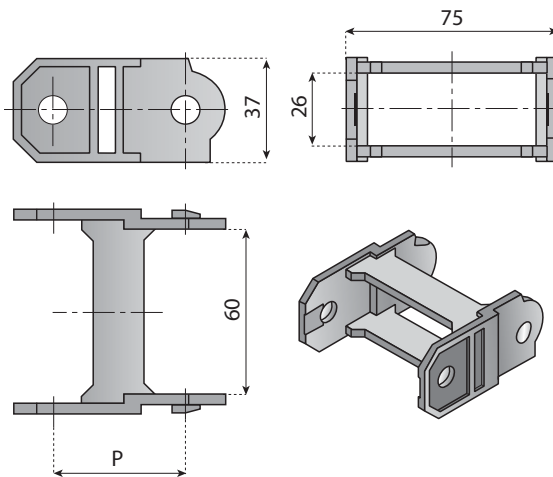
16S00025  
16S00025-SR  
16S00025-SSA  
16S00025-SS

## 4 Roller Rows



Sloped Entry





Polyamide



Zinc plated steel

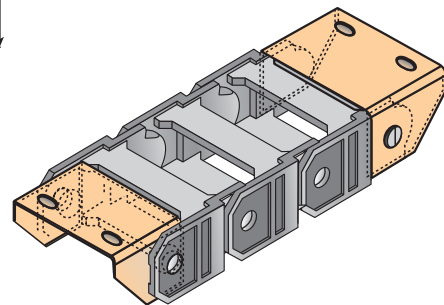
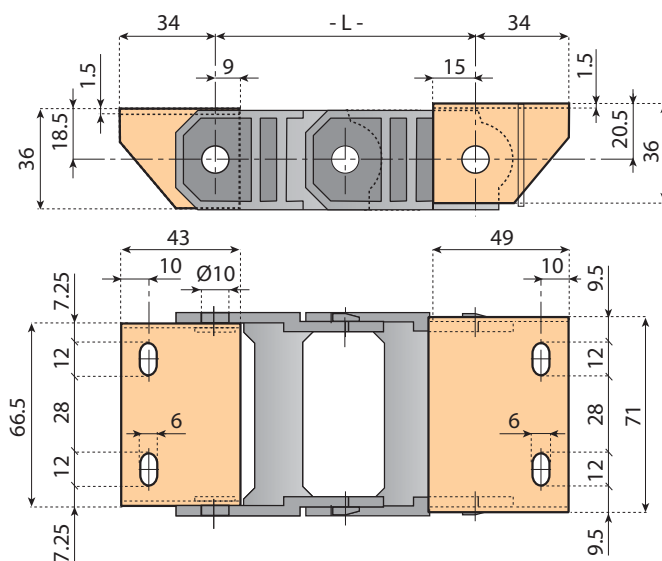
## CABLE CARRIER CHAIN

**Application:** guide and protection of electric cables, even at high-speed.

**Features:** the links of the chain can be easily assembled and disassembled.

**Note:** 22 links: 1 mt.

| Code  | Pitch P. | R.  | Kg/m | 5 m | Material |
|-------|----------|-----|------|-----|----------|
| 14150 |          | 50  |      |     |          |
| 14151 | 47       | 70  | 0.7  | 5 m | PA       |
| 14152 |          | 90  |      |     |          |
| 14153 |          | 110 |      |     |          |



## CHAIN FASTENER

**Application:** fastening of cable carrier chains.

| Code  | 5 kit | Material |
|-------|-------|----------|
| 14154 | 5 kit | ZN       |

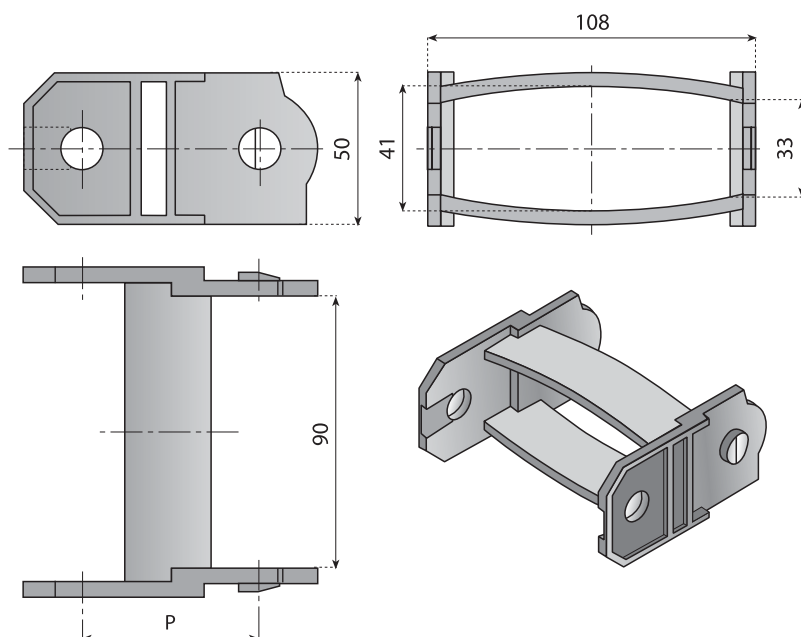
# CABLE CARRIER CHAIN



Polyamide



Zinc plated steel



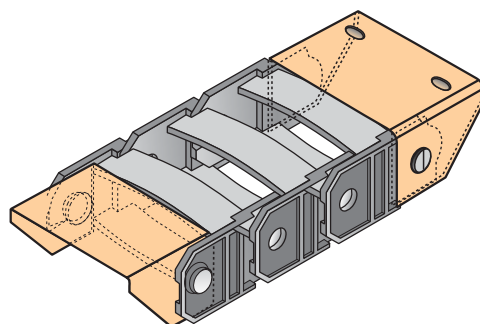
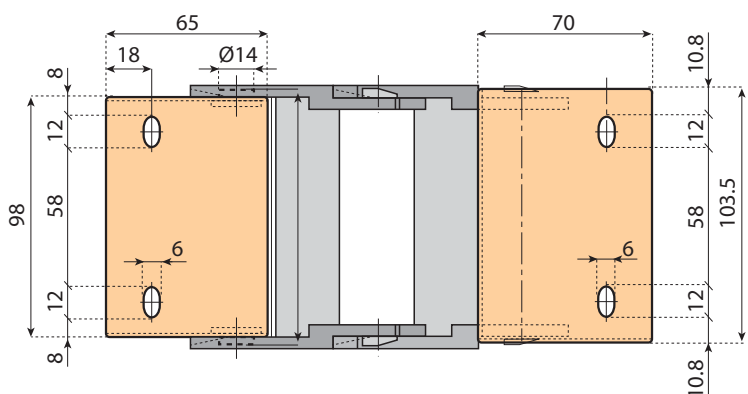
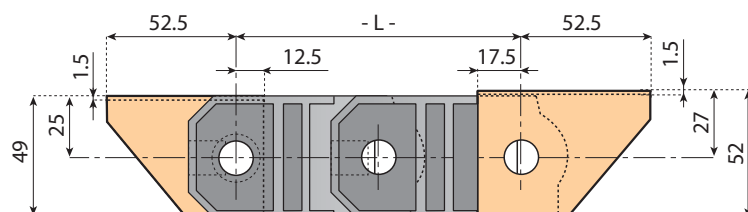
## CABLE CARRIER CHAIN

**Application:** guide and protection of electric cables, even at high-speed.

**Features:** the links of the chain can be easily assembled and disassembled.

**Note:** 16 links: 1 mt.

| Code  | Pitch P. | R.  | Kg/m | 5 m | Material |
|-------|----------|-----|------|-----|----------|
| 14155 |          | 75  |      |     |          |
| 14156 | 58       | 110 | 1.2  | 5 m | PA       |
| 14157 |          | 150 |      |     |          |
| 14158 |          | 200 |      |     |          |



## CHAIN FASTENER

**Application:** fastening of cable carrier chains

| Code  | 5 kit | Material |
|-------|-------|----------|
| 14159 |       | ZN       |

## CALCULATION OF CHAIN LENGTH

$$L = \frac{LA}{2} + \pi R + 2 \cdot P$$

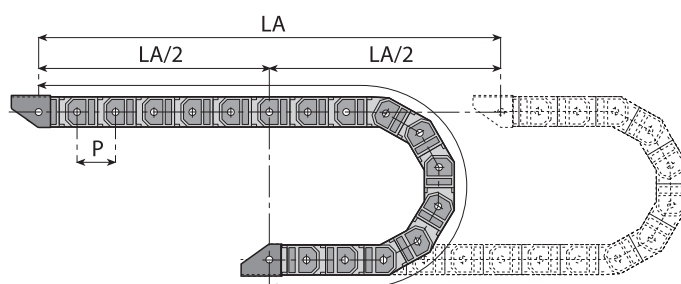
$L$  = chain length

$LA$  = chain travel

$R$  = bending radius

$P$  = chain pitch

It is advisable to fasten the chain in the middle of its travel





**Frame support components**

# SIDE MOUNTING TOP BRACKETS

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Reinforced  
polyamide

## SIDE MOUNTING TOP BRACKET

**Material:** reinforced polyamide. Screw, nut and washers in stainless steel AISI 304

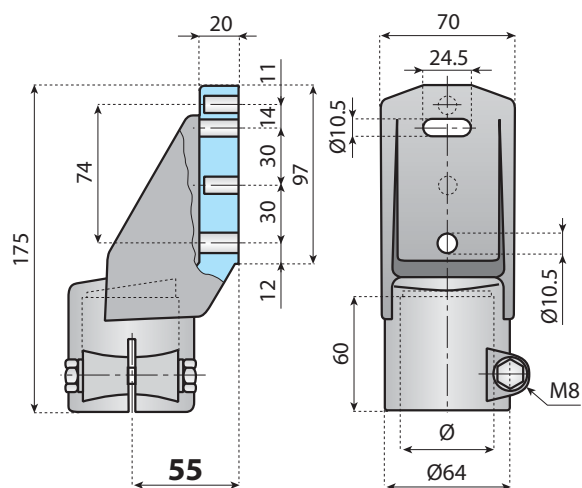
**Note:** the bracket can be inclined by 5° in both directions when using the lower hole and the upper slot hole.

There are two optional holes that can easily be opened by removing the thin membrane.

In this way the centre distance of the holes can be:

- Enlarged to 70 mm or
- Reduced to 30 mm

Then it is also possible to use an incline of 10° in both directions



| Code         | For tube Ø |
|--------------|------------|
| <b>14748</b> | 48.3       |
| <b>14744</b> | 50.9       |



RANGE  
EXTENSION

IMPROVED  
DESIGN

## SIDE MOUNTING TOP BRACKET

**Material:** reinforced polyamide. Screw, nut and washers in stainless steel AISI 304

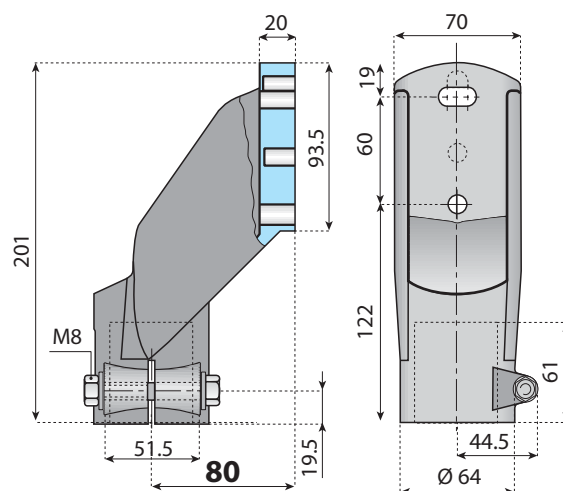
**Note:** the bracket can be inclined by 5° in both directions when using the lower hole and the upper slot hole.

There are two optional holes that can easily be opened by removing the thin membrane.

In this way the centre distance of the holes can be:

- Enlarged to 70 mm or
- Reduced to 30 mm

Then it is also possible to use an incline of 10° in both directions



| Code          | For tube $\square$ | For tube Ø |      |
|---------------|--------------------|------------|------|
| <b>14748N</b> | -                  | 48.3       |      |
| <b>14744N</b> | -                  | 50.9       |      |
| <b>14856</b>  | 38x38              | -          | n°25 |
| <b>14857</b>  | 40x40              | -          |      |



## HEAVY DUTY SIDE MOUNTING TOP BRACKET

**Material:** reinforced polyamide. Screw, nut and washers in stainless steel AISI 304

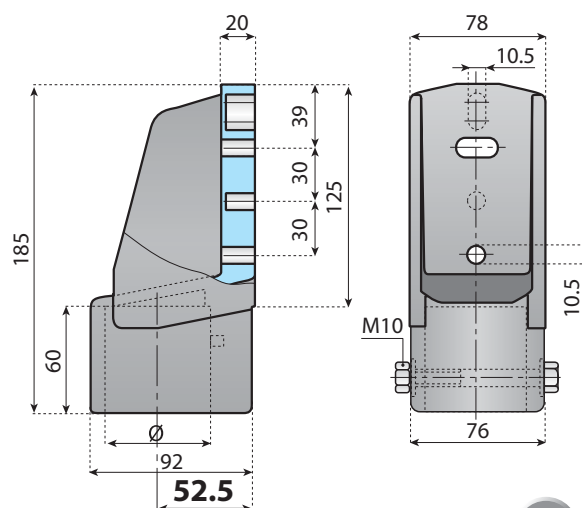
**Note:** the bracket can be inclined by 6° in both directions when using the lower hole and the upper slot hole.

There are two optional holes that can easily be opened by removing the thin membrane.

In this way the centre distance of the holes can be:

- Enlarged to 85,5 mm or
- Reduced to 30 mm

Then it is also possible to use an incline of 12° in both directions

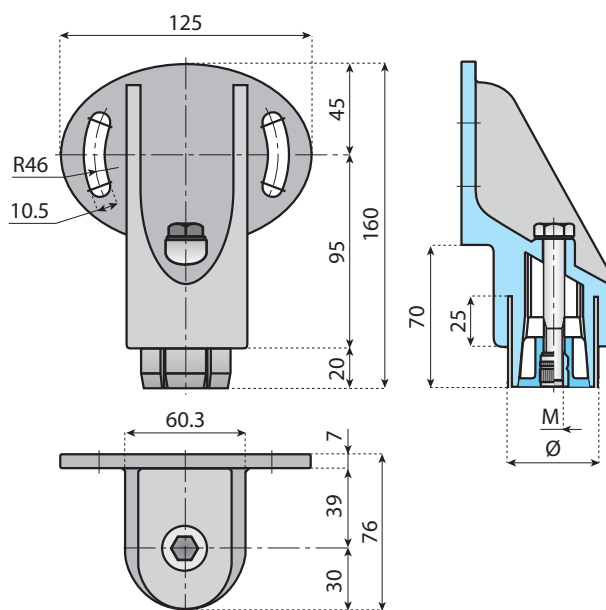


| Code         | For tube Ø |      |
|--------------|------------|------|
| <b>14745</b> | 60.3       | n°25 |



## SIDE MOUNTING TOP BRACKETS

 Preferred type, readily available (codes marked in red)



**SS 304**

AISI 304  
Stainless steel

**NPB**

Nickel plated brass

**PA FG**

Reinforced  
polyamide

**PATENTED**

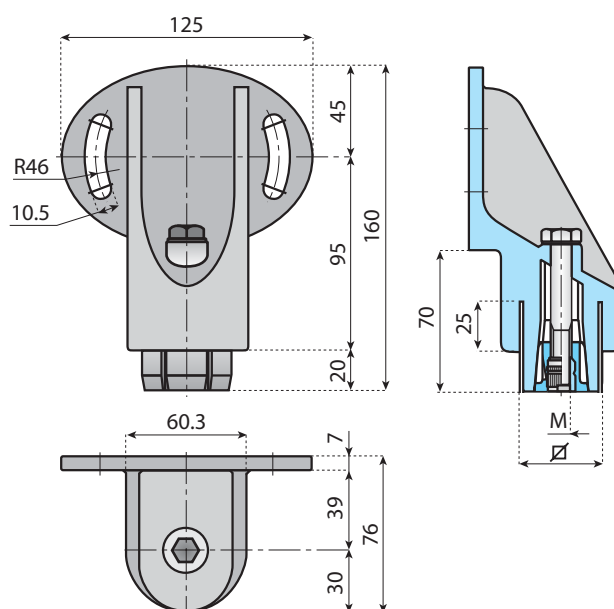
### SIDE MOUNTING TOP BRACKET with expansion plug for round tubes Ø 48.3x1.5 mm

**Components:** external part in reinforced polyamide.  
Conical insert in reinforced polyamide.  
Threaded bushing in nickel plated brass.  
Bolt and washer in stainless steel.

**Note:** max recommended tightening torque 2.5 Kgm.

**Application:** the bracket can be inclined by 30°.

| Code         | M  | For tube Ø |      |
|--------------|----|------------|------|
| <b>14071</b> | 8  | 48.3       | n°25 |
| <b>14070</b> | 10 | 48.3       |      |
| <b>14068</b> | 8  | 50.9       |      |
| <b>14069</b> | 10 | 50.9       |      |



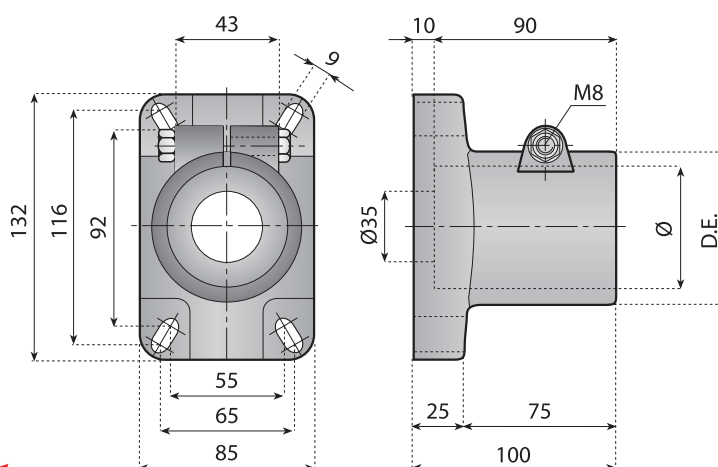
### SIDE MOUNTING TOP BRACKET with expansion plug for square tubes 40x40x2 mm

**Components:** external part in reinforced polyamide.  
Conical insert in reinforced polyamide.  
Threaded bushing in nickel plated brass.  
Bolt and washer in stainless steel.

**Note:** max recommended tightening torque 2.5 Kgm.

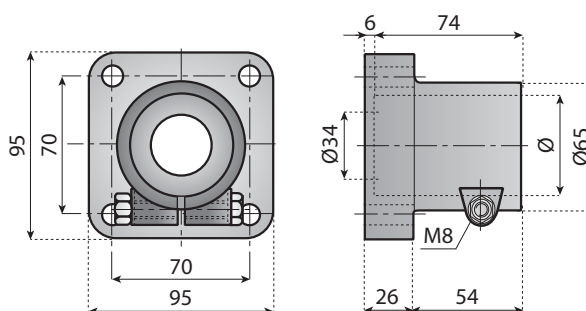
**Application:** the bracket can be inclined by 30°.

| Code         | M  | For tube □ |      |
|--------------|----|------------|------|
| <b>14073</b> | 8  | 40x40      | n°25 |
| <b>14072</b> | 10 | 40x40      |      |



**Material:** reinforced polyamide;  
screw, nut and washers in stainless steel AISI 304.  
**Note:** max. recommended tightening torque 2 Kgm.

| Code  | For tube Ø | D.E. |
|-------|------------|------|
| 14741 | 48.3       | 65   |
| 14740 | 50.9       | 65   |
| 14739 | 60.3       | 76   |

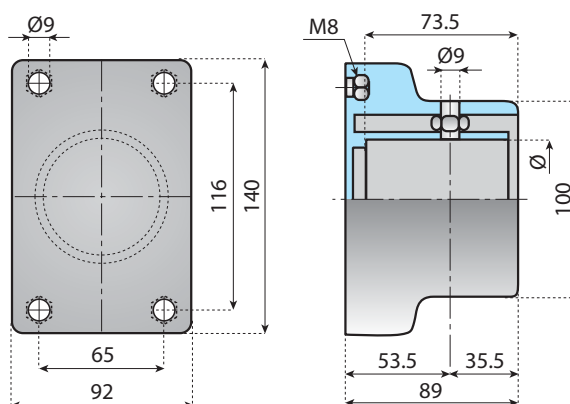


**Material:** reinforced polyamide;  
screw, nut and washer in S/S AISI 304.  
**Note:** max recommended tightening torque 2 Kgm.

| Code     | Ref.           | For tube Ø | For tube $\nabla$ |  |
|----------|----------------|------------|-------------------|---------------------------------------------------------------------------------------|
| 14050    |                | 48.3       | -                 |                                                                                       |
| 14051    |                | 50.9       | -                 | n°25                                                                                  |
| 14S00092 | VG-3075Q-T40-M | -          | 40x40             |                                                                                       |

# SUPPORT HEADS

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



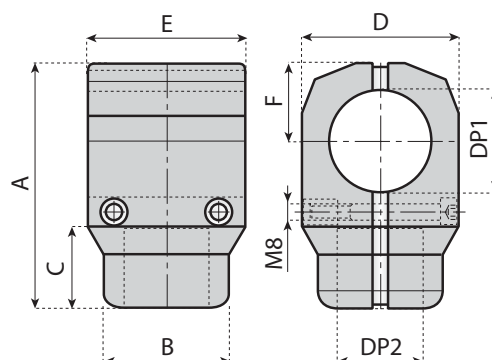
Reinforced  
polyamide

## EXTRA SUPPORT HEAD

**Material:** polyamide, stainless steel bolts.

**Note:** max. recommended tightening torque 1.5 Kgm.

| Code         | For tube Ø |  |  |
|--------------|------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>14052</b> | 60.3       | n°25                                                                                | Black                                                                               |

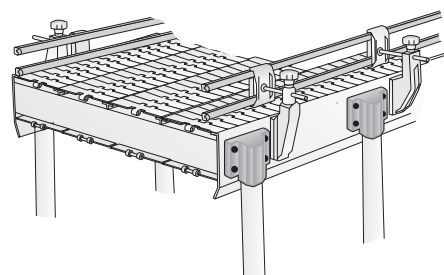
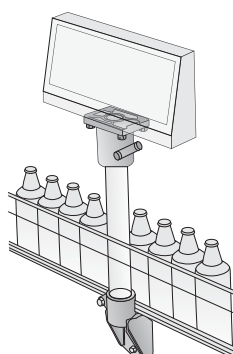
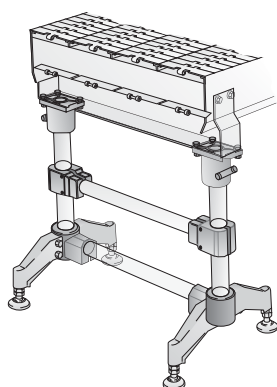


## CONNECTING JOINT

**Material:** reinforced polyamide, screws in stainless steel AISI 304, bushings in nickel plated brass.

**Note:** max. recommended tightening torque 1.5 Kgm.

| Code         | For tubes Ø |      |     |    |    |    |    |      |  |
|--------------|-------------|------|-----|----|----|----|----|------|---------------------------------------------------------------------------------------|
|              | DP1         | DP2  | A   | B  | C  | D  | E  | F    |                                                                                       |
| <b>14747</b> | 48.3        | 32   | 116 | 57 | 40 | 70 | 74 | 36   | n°25                                                                                  |
| <b>14733</b> | 48.3        | 42.4 | 122 | 62 | 40 | 78 | 78 | 39   |                                                                                       |
| <b>14732</b> | 50.9        | 42.4 | 122 | 62 | 40 | 78 | 78 | 39   |                                                                                       |
| <b>14746</b> | 60.3        | 42.4 | 130 | 65 | 41 | 82 | 82 | 42.5 |                                                                                       |



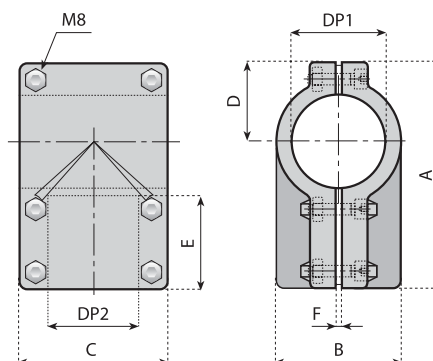
 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Reinforced  
polyamide

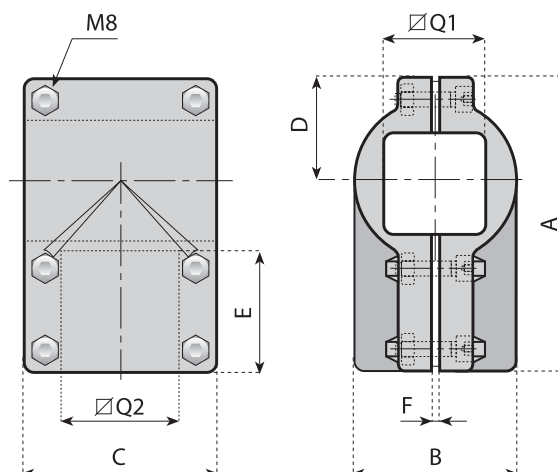


## CONNECTING JOINT

**Material:** reinforced polyamide, screws and nuts in stainless steel AISI 304.

**Note:** max. recommended tightening torque 1.5 Kgm.

| Code         | For round tubes Ø |      |     |    |    |    |    |   |      |
|--------------|-------------------|------|-----|----|----|----|----|---|------|
|              | DP1               | DP2  | A   | B  | C  | D  | E  | F |      |
| <b>14729</b> | 42.4              | 42.4 | 134 | 68 | 86 | 45 | 60 | 3 | n°25 |
| <b>14734</b> |                   | 42.4 | 134 | 68 | 86 | 45 | 60 | 3 | n°25 |
| <b>14726</b> |                   | 48.3 |     |    |    |    |    |   |      |
| <b>14725</b> |                   | 42.4 |     |    |    |    |    |   |      |
| <b>14725</b> | 50.9              | 48.3 | 146 | 80 | 98 | 51 | 60 | 3 | n°25 |
| <b>14743</b> |                   | 50.9 |     |    |    |    |    |   |      |
| <b>14737</b> |                   | 42.4 |     |    |    |    |    |   |      |
| <b>14723</b> | 60.3              | 48.3 | 146 | 80 | 98 | 51 | 60 | 3 | n°25 |
| <b>14722</b> |                   | 50.9 |     |    |    |    |    |   |      |
| <b>14738</b> |                   | 60.3 |     |    |    |    |    |   |      |



## EXTRA RIGID CONNECTING JOINT

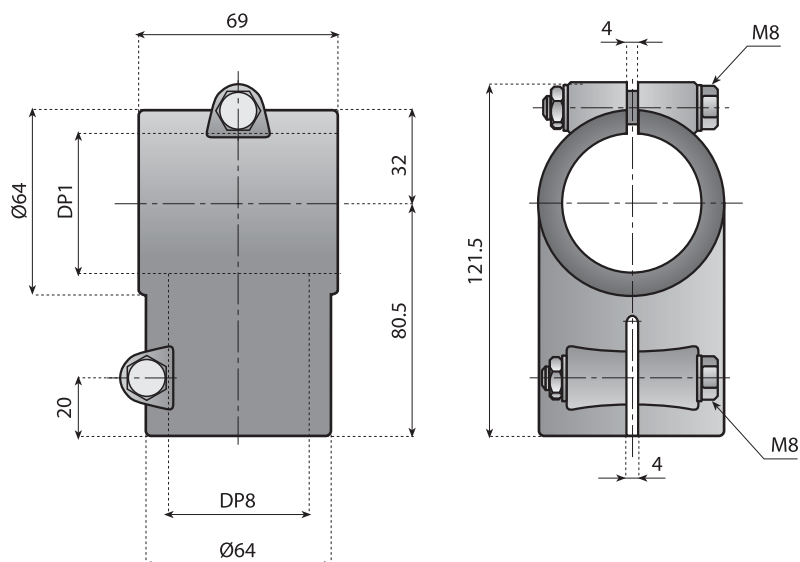
**Material:** reinforced polyamide, screws and nuts in stainless steel AISI 304.

**Note:** max. recommended tightening torque 1.5 Kgm.

| Code         | For square tubes |    |     |    |    |    |    |   |      |
|--------------|------------------|----|-----|----|----|----|----|---|------|
|              | Q1               | Q2 | A   | B  | C  | D  | E  | F |      |
| <b>14719</b> | 40               | 40 | 134 | 68 | 86 | 45 |    |   |      |
| <b>14720</b> | 45               | 45 | 146 | 80 | 98 | 51 | 60 | 3 | n°25 |
| <b>14721</b> | 50               | 50 | 146 | 80 | 98 | 51 |    |   |      |

## CONNECTING JOINTS

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



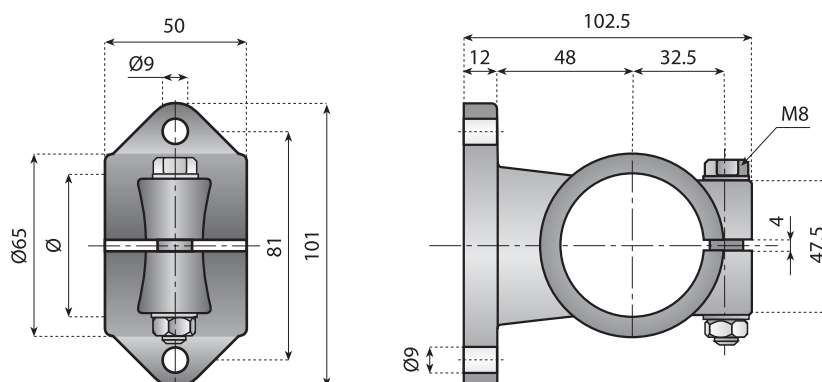
Reinforced  
polyamide

### CONNECTING JOINT

**Material:** reinforced polyamide, screws and nuts in stainless steel AISI 304.

**Note:** max. recommended tightening torque 1.5 Kgm.

| Code         | For tube $\varnothing$ |      |
|--------------|------------------------|------|
| <b>14040</b> | 48.3                   | n°25 |
| <b>14041</b> | 50.9                   |      |



### CONNECTING JOINT

**Material:** reinforced polyamide, screws and nuts in stainless steel AISI 304.

**Note:** max. recommended tightening torque 1.5 Kgm.

| Code         | For tube $\varnothing$ |      |
|--------------|------------------------|------|
| <b>14042</b> | 48.3                   | n°25 |
| <b>14043</b> | 50.9                   |      |



 Preferred type, readily available (codes marked in red)



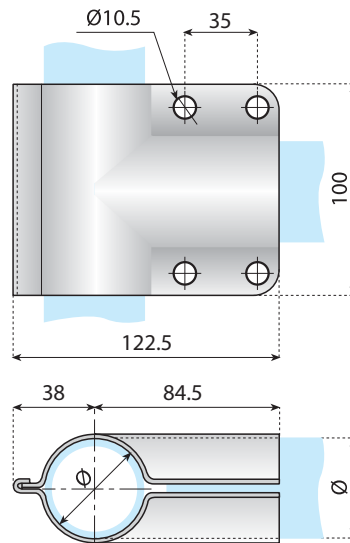
## CONNECTING JOINT

**Thickness:**  $S = 2$  mm.

**Surface:** tumbling finish.

**Use:** with tubes  $\varnothing 48.3$  mm.

**Note:** the connecting joint is supplied without screws.



| Code         | For tube $\varnothing$ | n°25 | Material    |
|--------------|------------------------|------|-------------|
| <b>13827</b> | 48.3                   | n°25 | SS AISI 304 |



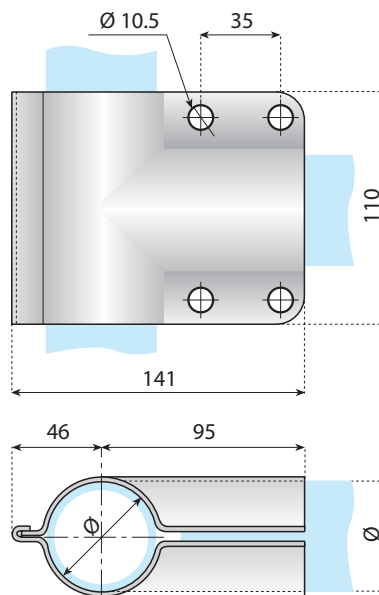
## CONNECTING JOINT

**Thickness:**  $S = 2$  mm.

**Surface:** tumbling finish.

**Use:** with tubes  $\varnothing 60.3$  mm.

**Note:** the connecting joints supplied without screws.



| Code         | For tube $\varnothing$ | n°25 | Material    |
|--------------|------------------------|------|-------------|
| <b>13828</b> | 60.3                   | n°25 | SS AISI 304 |



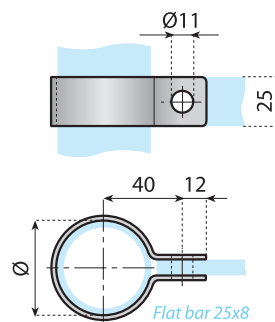
## CONNECTING JOINT

**Thickness:**  $S = 2.5$  mm.

**Surface:** tumbling finish.

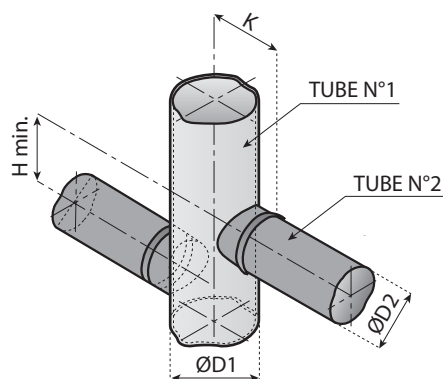
**Use:** with tubes  $\varnothing 48.3$  mm and flat bar 25x8 mm.

**Note:** the connecting joints is supplied without screws.



| Code         | Flat bar | For tube $\varnothing$ | n°50 | Material    |
|--------------|----------|------------------------|------|-------------|
| <b>13981</b> | 25 x 8   | 48.3                   | n°50 | SS AISI 304 |

# CONNECTING JOINTS



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide

## CONNECTING JOINT

### Components and material:

- Conical bushing in nickel plated brass.
- Expansion plug in reinforced polyamide.
- Adaptor plug in reinforced polyamide.
- Screw M8x50 in stainless steel.
- Closing cap in polyamide.

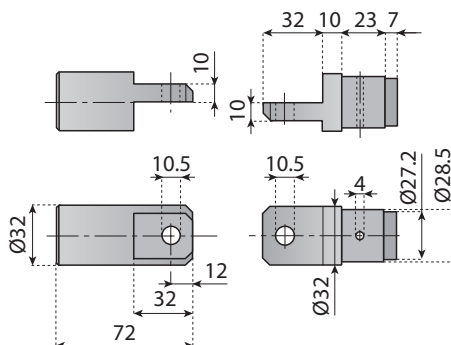
**Use:** these joints connect different tubes at different angles.

Special design provides a simple method of joining tubes for maximum cleanliness.

**Note:** tube deformation occurs with a tightening torque of 2.5 Kgm thus preventing accidental unscrewing of the plug due to structure vibrations.

| Code  | Tube N°1        |       |               | Tube N°2        |       |               | K<br>mm | H<br>mm |
|-------|-----------------|-------|---------------|-----------------|-------|---------------|---------|---------|
|       | Ext. Ø D1<br>mm | inch. | Wall S1<br>mm | Ext. Ø D2<br>mm | inch. | Wall S2<br>mm |         |         |
| 14815 | 38              | —     | •             | 38              | —     | 1.5           | 32      | 43      |
| 14816 | 42.4            | 1 1/4 | •             | 38              | —     | 1.5           | 34.2    | 43      |
| 14817 | 42.4            | 1 1/4 | •             | 42.4            | 1 1/4 | 1.5           | 34.2    | 47      |
| 14818 | 48.3            | 1 1/2 | •             | 38              | —     | 1.5           | 37.2    | 43      |
| 14819 | 48.3            | 1 1/2 | •             | 42.4            | 1 1/4 | 1.5           | 37.2    | 47      |
| 14821 | 60.3            | 2     | •             | 42.4            | 1 1/4 | 1.5           | 43.2    | 47      |

• application with any thickness.



## KNUCKLE JOINT FOR TUBE Ø 32 mm

**Material:** reinforced polyamide;  
screws and nut is stainless steel AISI 304

**Application:** with connecting joint  
code 14747 and tube Ø 32 mm, 1,5 wall.

**Supply:** assembled.

Code

14736



n°50

# EXPANSION PLUGS FOR ROUND TUBES

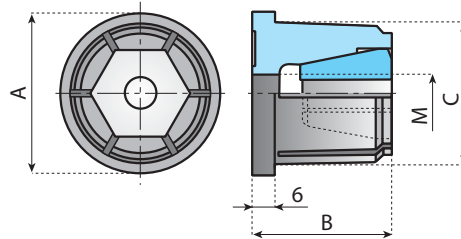
 Preferred type, readily available (codes marked in red)



Nickel plated brass



Reinforced polyamide



## EXPANSION PLUG

### Components and material:

External part in reinforced polyamide.

Conical insert available in two materials:

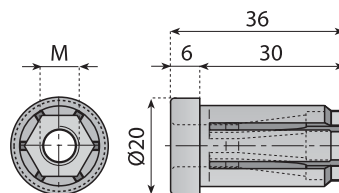
- version in nickel plated brass;
- version in polyamide with nut;

**Notes:** bolt and washer are not included.

### Technical information:

- Version with nickel plated brass insert:  
max. load for removal Kgf 420  
(static conditions).
- Version with polyamide insert:  
max. load for removal Kgf 350  
(static conditions).

| Code                    |                             | Dimensions mm |      |    |      | Tube dimensions |        |      |  |
|-------------------------|-----------------------------|---------------|------|----|------|-----------------|--------|------|-------------------------------------------------------------------------------------|
| Version with brass bush | Version with polyamide bush | M             | A    | B  | C    | Ext. Ø          | Int. Ø | Wall |                                                                                     |
| <b>14001</b>            | <b>14003</b>                | 10            | 38   | 41 | 34.8 | 38              | 35     |      | 1.5 n°50                                                                            |
| <b>14002</b>            | <b>14004</b>                | 8             | 38   | 41 | 34.8 | 38              | 35     |      |                                                                                     |
| <b>14749</b>            | <b>14005</b>                | 10            | 44.5 | 41 | 39.2 | 42.4            | 39.4   |      |                                                                                     |
| <b>14753</b>            | <b>14006</b>                | 8             | 44.5 | 41 | 39.2 | 42.4            | 39.4   |      |                                                                                     |
| -                       | <b>14018</b>                | 10            | 48.5 | 50 | 44.7 | 48.3            | 45.3   |      |                                                                                     |
| -                       | <b>14017</b>                | 8             | 48.5 | 50 | 44.7 | 48.3            | 45.3   |      |                                                                                     |



## EXPANSION PLUG for round tubes

### Components:

External part in reinforced polyamide.

Conical insert in nickel plated brass.

### Technical information:

Max. load for removal Kgf 300  
(static conditions).

| Code         | Colour | M  | For round tube |  |
|--------------|--------|----|----------------|---------------------------------------------------------------------------------------|
| <b>14352</b> | Black  | 8  | 20 x 1.5       |                                                                                       |
| <b>14353</b> | Black  | 10 | 20 x 1.5       | n°50                                                                                  |

## EXPANSIONS PLUG FOR SQUARE TUBES

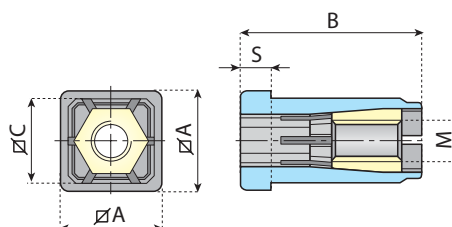
 Preferred type, readily available (codes marked in red)



Nickel plated brass



Reinforced polyamide



### EXPANSION PLUG for square tubes

$\varnothing 40 \times 40$

$\varnothing 20 \times 20$

#### Components and material:

External part in reinforced polyamide.

Conical insert in nickel plated brass with polyamide.

#### Technical information:

##### tube 40x40

max. load for removal Kgf 400 (static conditions).

##### Tube 20x20

max. load for removal Kgf 300 (static conditions).

**Supply:** assembled.

| Code         | S  | M  | Dimensions mm |    |      | Tube dimension |      |      |  |
|--------------|----|----|---------------|----|------|----------------|------|------|-------------------------------------------------------------------------------------|
|              |    |    | A             | B  | C    | Ext.           | Int. | Wall |                                                                                     |
| <b>14019</b> | 6  | 8  | 20x20         | 36 | 17   | 20x20          | 17   | 1.5  | n°50                                                                                |
| <b>14020</b> | 6  | 10 | 20x20         | 36 | 17   | 20x20          | 17   | 1.5  |                                                                                     |
| <b>14021</b> | 6  | 8  | 20x20         | 36 | 16   | 20x20          | 16   | 2    |                                                                                     |
| <b>14022</b> | 6  | 10 | 20x20         | 36 | 16   | 20x20          | 16   | 2    |                                                                                     |
| <b>14015</b> | 10 | 8  | 40x40         | 57 | 35.5 | 40x40          | 36   | 2    |                                                                                     |
| <b>14016</b> | 10 | 10 | 40x40         | 57 | 35.5 | 40x40          | 36   | 2    |                                                                                     |

# THREADED TUBE ENDS FOR ROUND TUBES

 Preferred type, readily available (codes marked in red)



Nickel plated brass Polyamide



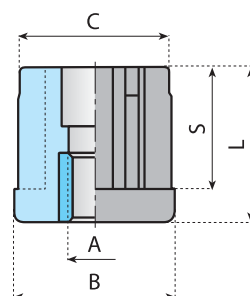
## THREADED TUBE ENDS FOR ROUND TUBES

**Material:** polyamide, threaded bushing in nickel plated brass.

|      |   | Round tubes     |      |      |      |      |      |           |
|------|---|-----------------|------|------|------|------|------|-----------|
|      |   | Max static load |      |      |      |      |      |           |
| Ø mm | N | 30              | 38   | 40   | 42   | 48   | 50   | 54 60     |
|      |   | 3000            | 5000 | 5500 | 6000 | 6000 | 6500 | 6500 8000 |

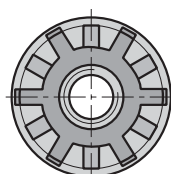
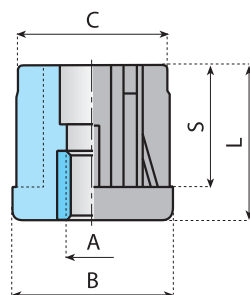
FOR FURTHER INFORMATION  
ABOUT THIS LINE PLEASE  
CONSULT THE PRESSO-LINE  
CATALOGUE.

| Code  | Type | A   | B mm | C mm | L mm | S mm | Ext. Ø mm | Int. Ø mm | Thickness mm |      |
|-------|------|-----|------|------|------|------|-----------|-----------|--------------|------|
| 14799 | 1    | M10 |      |      |      |      |           |           |              | n°50 |
| 14800 |      | M12 | 30   | 28.4 | 35   | 29   | 30        | 28        | 1            |      |
| 14801 |      | M14 |      |      |      |      |           |           |              |      |
| 14773 | 1    | M10 |      |      |      |      |           |           |              | n°50 |
| 14752 |      | M12 | 38   | 35.5 | 46.5 | 38   | 38        | 35        | 1.5          |      |
| 14774 |      | M14 |      |      |      |      |           |           |              |      |
| 14764 | 1    | M16 |      |      |      |      |           |           |              | n°50 |
| 14859 |      | M10 | 40   | 36.4 | 43   | 34.5 | 40        | 36        | 2            |      |
| 14860 |      | M12 |      |      |      |      |           |           |              |      |
| 14775 | 1    | M10 |      |      |      |      |           |           |              | n°50 |
| 14763 |      | M12 | 42   | 39.9 | 45.5 | 38   | 42.4      | 39.4      | 1.5          |      |
| 14776 |      | M14 |      |      |      |      |           |           |              |      |
| 14750 | 1    | M16 |      |      |      |      |           |           |              | n°50 |
| 14765 |      | M20 |      |      |      |      |           |           |              |      |
| 14766 |      | M12 | 48   | 45.8 | 55   | 45   | 48.3      | 45.3      | 1.5          |      |
| 14777 | 1    | M14 |      |      |      |      |           |           |              | n°50 |
| 14767 |      | M16 |      |      |      |      |           |           |              |      |
| 14751 |      | M20 |      |      |      |      |           |           |              |      |
| 14754 | 1    | M12 | 50   | 48.4 | 49   | 38   | 50.9      | 47.9      | 1.5          | n°50 |
| 14778 |      | M14 |      |      |      |      |           |           |              |      |
| 14755 |      | M16 |      |      |      |      |           |           |              |      |
| 14768 | 2    | M20 |      |      |      |      |           |           |              | n°50 |
| 14835 |      | M14 | 54   | 50.5 | 55   | 45   | 54        | 50        | 2            |      |
| 14836 |      | M16 |      |      |      |      |           |           |              |      |
| 14837 | 2    | M20 |      |      |      |      |           |           |              | n°50 |
| 14791 |      | M16 | 60   | 58   | 50   | 38   | 60.3      | 57.3      | 1.5          |      |
| 14792 |      | M20 |      |      |      |      |           |           |              |      |
| 14793 | 2    | M16 | 60   | 57   | 50   | 38   | 60.3      | 56.3      | 2            | n°50 |
| 14794 |      | M20 |      |      |      |      |           |           |              |      |
| 14802 |      | M16 | 60   | 56   | 50   | 38   | 60.3      | 55.3      | 2.5          |      |
| 14803 | 2    | M20 |      |      |      |      |           |           |              | n°50 |
| 14804 |      | M24 |      |      |      |      |           |           |              |      |



TYPE 1

TYPE 2



STATED LOAD VALUES ARE MEANT FOR STATIC CONDITIONS.  
SUCH VALUES HAVE TO BE ADEQUATELY REDUCED  
IN PRESENCE OF HIGH FREQUENCY VIBRATIONS  
OR DYNAMIC LOADS.  
FOR FURTHER INFORMATION CONTACT  
OUR TECHNICAL OFFICE.

# THREADED TUBE ENDS FOR SQUARE TUBES

 Preferred type, readily available (codes marked in red)



Polyamide



Nickel plated brass



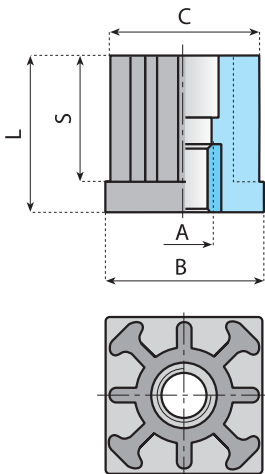
## THREADED TUBE ENDS FOR SQUARE TUBES

**Material:** polyamide, threaded bushing in nickel plated brass.

Square tubes  
Max static load

| Ø mm | 25   | 30   | 35   | 38   | 40   | 50    | 60    |
|------|------|------|------|------|------|-------|-------|
| N    | 5000 | 5500 | 5500 | 6000 | 6000 | 10000 | 12000 |

FOR FURTHER INFORMATION  
ABOUT THIS LINE PLEASE  
CONSULT THE PRESSO-LINE  
CATALOGUE.



| Code  | A   | B<br>mm | C<br>mm | L<br>mm | S<br>mm | Square tube  |              |                 |  |
|-------|-----|---------|---------|---------|---------|--------------|--------------|-----------------|-------------------------------------------------------------------------------------|
|       |     |         |         |         |         | Ext. Ø<br>mm | Int. Ø<br>mm | Thickness<br>mm |                                                                                     |
| 14824 | M8  |         |         |         |         |              |              |                 |                                                                                     |
| 14822 | M10 | 25      | 22.5    | 30      | 25      | 25           | 22           | 1.5             | n°50                                                                                |
| 14823 | M12 |         |         |         |         |              |              |                 |                                                                                     |
| 14779 | M10 |         |         |         |         |              |              |                 |                                                                                     |
| 14780 | M12 | 30      | 27.5    | 33      | 27      | 30           | 27           | 1.5             | n°50                                                                                |
| 14781 | M14 |         |         |         |         |              |              |                 |                                                                                     |
| 14782 | M16 |         |         |         |         |              |              |                 |                                                                                     |
| 14810 | M10 |         |         |         |         |              |              |                 |                                                                                     |
| 14811 | M12 | 30      | 26.5    | 33      | 27      | 30           | 26           | 2               | n°50                                                                                |
| 14812 | M14 |         |         |         |         |              |              |                 |                                                                                     |
| 14813 | M16 |         |         |         |         |              |              |                 |                                                                                     |
| 14805 | M10 |         |         |         |         |              |              |                 |                                                                                     |
| 14806 | M12 | 35      | 32.5    | 43      | 35      | 35           | 32           | 1.5             | n°50                                                                                |
| 14807 | M14 |         |         |         |         |              |              |                 |                                                                                     |
| 14808 | M16 |         |         |         |         |              |              |                 |                                                                                     |
| 14809 | M20 |         |         |         |         |              |              |                 |                                                                                     |
| 14825 | M10 |         |         |         |         |              |              |                 |                                                                                     |
| 14826 | M12 | 35      | 31.5    | 43      | 35      | 35           | 31           | 2               | n°50                                                                                |
| 14827 | M14 |         |         |         |         |              |              |                 |                                                                                     |
| 14828 | M16 |         |         |         |         |              |              |                 |                                                                                     |
| 14829 | M20 |         |         |         |         |              |              |                 |                                                                                     |
| 14783 | M10 |         |         |         |         |              |              |                 |                                                                                     |
| 14756 | M12 | 38      | 35.4    | 43      | 35      | 38.1         | 34.9         | 1.6             | n°50                                                                                |
| 14784 | M14 |         |         |         |         |              |              |                 |                                                                                     |
| 14757 | M16 |         |         |         |         |              |              |                 |                                                                                     |
| 14785 | M20 |         |         |         |         |              |              |                 |                                                                                     |
| 14786 | M10 |         |         |         |         |              |              |                 |                                                                                     |
| 14758 | M12 | 38      | 32.6    | 43      | 35      | 38.1         | 32.1         | 3               | n°50                                                                                |
| 14759 | M14 |         |         |         |         |              |              |                 |                                                                                     |
| 14787 | M16 |         |         |         |         |              |              |                 |                                                                                     |
| 14788 | M20 |         |         |         |         |              |              |                 |                                                                                     |
| 14790 | M10 |         |         |         |         |              |              |                 |                                                                                     |
| 14769 | M12 | 40      | 37.5    | 55      | 45      | 40           | 37           | 1.5             | n°50                                                                                |
| 14770 | M14 |         |         |         |         |              |              |                 |                                                                                     |
| 14771 | M16 |         |         |         |         |              |              |                 |                                                                                     |
| 14772 | M20 |         |         |         |         |              |              |                 |                                                                                     |
| 14600 | M10 |         |         |         |         |              |              |                 |                                                                                     |
| 14601 | M12 | 40      | 36.5    | 55      | 45      | 40           | 36           | 2               | n°50                                                                                |
| 14602 | M14 |         |         |         |         |              |              |                 |                                                                                     |
| 14603 | M16 |         |         |         |         |              |              |                 |                                                                                     |
| 14604 | M20 |         |         |         |         |              |              |                 |                                                                                     |
| 14605 | M12 | 50      | 47.5    | 55      | 44      | 50           | 47           | 1.5             | n°50                                                                                |
| 14606 | M14 |         |         |         |         |              |              |                 |                                                                                     |
| 14607 | M16 |         |         |         |         |              |              |                 |                                                                                     |
| 14608 | M20 |         |         |         |         |              |              |                 |                                                                                     |
| 14609 | M12 | 50      | 46.5    | 55      | 44      | 50           | 46           | 2               | n°50                                                                                |
| 14610 | M14 |         |         |         |         |              |              |                 |                                                                                     |
| 14611 | M16 |         |         |         |         |              |              |                 |                                                                                     |
| 14612 | M20 |         |         |         |         |              |              |                 |                                                                                     |
| 14795 | M12 | 50      | 45.5    | 55      | 44      | 50           | 45           | 2.5             | n°50                                                                                |
| 14796 | M14 |         |         |         |         |              |              |                 |                                                                                     |
| 14797 | M16 |         |         |         |         |              |              |                 |                                                                                     |
| 14798 | M20 |         |         |         |         |              |              |                 |                                                                                     |
| 14830 | M14 | 60      | 56.5    | 55      | 45      | 60           | 46           | 2               | n°50                                                                                |
| 14831 | M16 |         |         |         |         |              |              |                 |                                                                                     |
| 14832 | M20 |         |         |         |         |              |              |                 |                                                                                     |

 Preferred type, readily available (codes marked in red)



AISI 304  
Stainless steel



Nickel plated brass



Reinforced  
polyamide



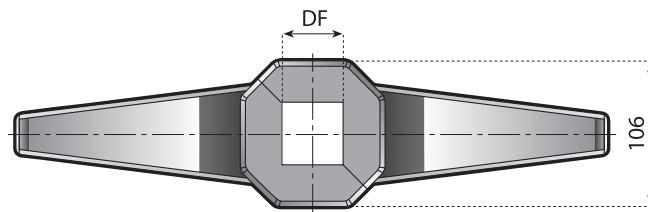
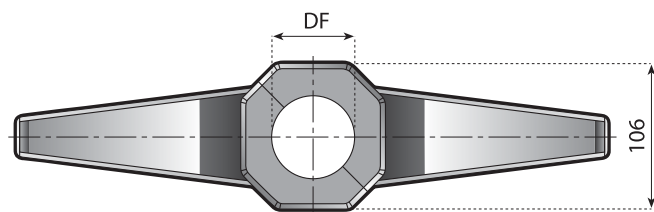
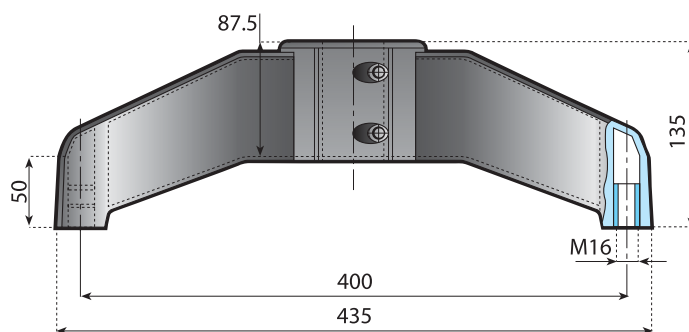
- Reinforced design
- Completely closed structure  
easier to clean and to disinfect

## COMPLETELY CLOSED VERSION

This split version permits a better clamping of both round and square tubes.  
Each bipod is supplied complete with ultrasonic welded protection coverings, which prevent dirt, dust or liquid infiltration in the lower part of the base.

## SPLIT BIPODS

**Material:** reinforced polyamide threaded bushings in nickel plated brass fasteners in stainless steel AISI 304.

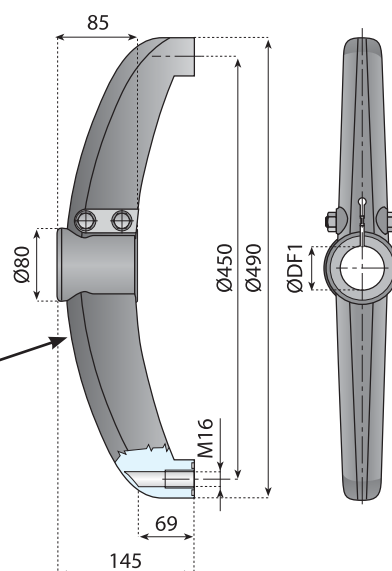
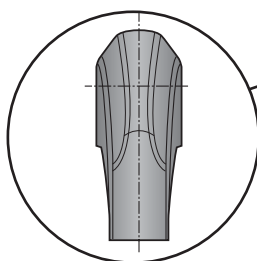


| Code         | DF - for tube Ø |       |  |
|--------------|-----------------|-------|-------------------------------------------------------------------------------------|
|              | mm              | inch. |                                                                                     |
| <b>15502</b> | 48.3            | 1.9/2 | n°15                                                                                |
| <b>15501</b> | 60.3            | 2.4   |                                                                                     |

| Code         | DF - for square tube ∅ |           |  |
|--------------|------------------------|-----------|---------------------------------------------------------------------------------------|
|              | mm                     | inch.     |                                                                                       |
| <b>15499</b> | 45x45                  | —         | n°15                                                                                  |
| <b>15500</b> | 50x50                  | 2.38x2.38 |                                                                                       |

# SUPPORT BASES

 Preferred type, readily available (codes marked in red)



**SS**  
**304**

AISI 304  
Stainless steel

**NPB**

Nickel plated brass

**PA**  
**FG**

Reinforced  
polyamide

**ZP**

Zinc plated steel

## Features:

Increased stability  
Self cleaning design

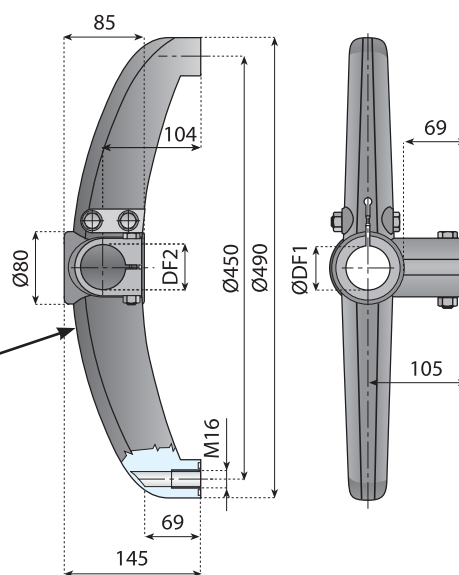
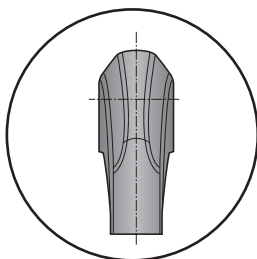


## BIPODS

**Material:** reinforced polyamide threaded  
bushings and spacers in nickel plated brass.

**Fasteners:** see table on the right.

| Code         | DF1 - for tube Ø |       | Fasteners                   |      |
|--------------|------------------|-------|-----------------------------|------|
|              | mm               | inch. |                             |      |
| <b>15055</b> | 38.1             | -     | Zinc plated<br>steel        | n°15 |
| <b>15057</b> | 42.4             | 1.1/4 |                             |      |
| <b>15059</b> | 48.3             | 1.1/2 |                             |      |
| <b>15061</b> | 50.9             | -     |                             |      |
| <b>15063</b> | 60.3             | 2     |                             |      |
| <b>15056</b> | 38.1             | -     | Stainless steel<br>AISI 304 | n°15 |
| <b>15058</b> | 42.4             | 1.1/4 |                             |      |
| <b>15060</b> | 48.3             | 1.1/2 |                             |      |
| <b>15062</b> | 50.9             | -     |                             |      |
| <b>15064</b> | 60.3             | 2     |                             |      |



## Features:

Increased stability  
Self cleaning design



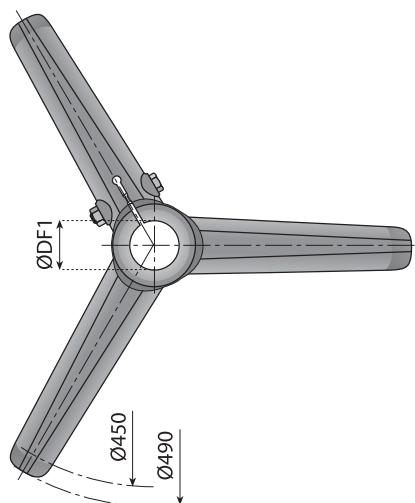
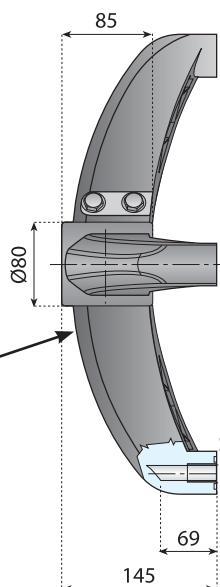
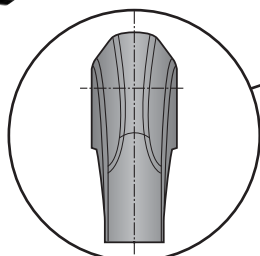
## BIPODS 180° WITH JOINT

**Material:** reinforced polyamide threaded  
bushings and spacers in nickel plated brass.

**Fasteners:** see table on the right.

| Code         | DF1 - for tube Ø |       | DF2 - for tube Ø |       | Fasteners                   |      |
|--------------|------------------|-------|------------------|-------|-----------------------------|------|
|              | mm               | inch. | mm               | inch. |                             |      |
| <b>15065</b> | 42.4             | 1.1/4 | 42.4             | 1.1/4 | Zinc plated<br>steel        | n°15 |
| <b>15067</b> | 48.3             | 1.1/2 |                  |       |                             |      |
| <b>15069</b> | 50.9             | -     |                  |       |                             |      |
| <b>15071</b> | 60.3             | 2     |                  |       |                             |      |
| <b>15066</b> | 42.4             | 1.1/4 | 42.4             | 1.1/4 | Stainless steel<br>AISI 304 | n°15 |
| <b>15068</b> | 48.3             | 1.1/2 |                  |       |                             |      |
| <b>15070</b> | 50.9             | -     |                  |       |                             |      |
| <b>15072</b> | 60.3             | 2     |                  |       |                             |      |
| <b>15073</b> | 48.3             | 1.1/2 | 48.3             | 1.1/2 | Zinc plated<br>steel        | n°15 |
| <b>15075</b> | 50.9             | -     |                  |       |                             |      |
| <b>15077</b> | 60.3             | 2     |                  |       |                             |      |
| <b>15074</b> | 48.3             | 1.1/2 | 48.3             | 1.1/2 | Stainless steel<br>AISI 304 | n°15 |
| <b>15076</b> | 50.9             | -     |                  |       |                             |      |
| <b>15078</b> | 60.3             | 2     |                  |       |                             |      |

 Preferred type, readily available (codes marked in red)



**Features:**  
Increased stability  
Self cleaning design

**IMPROVED DESIGN**

## TRIPODS

**Material:** reinforced polyamide threaded bushings and spacers in nickel plated brass.

**Fasteners:** see table on the right.

| Code  | DF1 - for tube Ø |        | Fasteners                   |      |
|-------|------------------|--------|-----------------------------|------|
|       | mm               | inch.  |                             |      |
| 15079 | 38.1             | -      | Zinc plated steel           | n°15 |
| 15081 | 42.4             | 1. 1/4 |                             |      |
| 15083 | 48.3             | 1. 1/2 |                             |      |
| 15085 | 50.9             | -      |                             |      |
| 15087 | 60.3             | 2      |                             |      |
| 15080 | 38.1             | -      | Stainless steel<br>AISI 304 | n°15 |
| 15082 | 42.4             | 1. 1/4 |                             |      |
| 15084 | 48.3             | 1. 1/2 |                             |      |
| 15086 | 50.9             | -      |                             |      |
| 15088 | 60.3             | 2      |                             |      |

**SS 304**

AISI 304  
Stainless steel

**NPB**

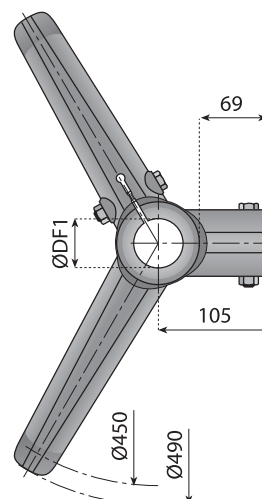
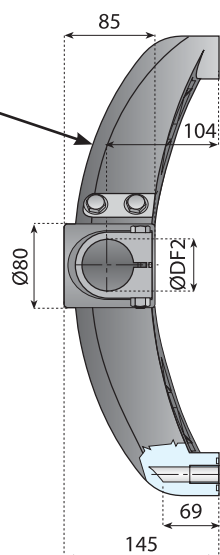
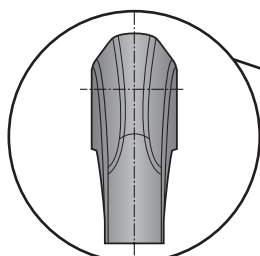
Nickel plated brass

**PA FG**

Reinforced polyamide

**ZP**

Zinc plated steel



| Code  | DF1 - for tube Ø |        | DF2 - for tube Ø |        | Fasteners                   |      |
|-------|------------------|--------|------------------|--------|-----------------------------|------|
|       | mm               | inch.  | mm               | inch.  |                             |      |
| 15089 | 42.4             | 1. 1/4 | 42.4             | 1. 1/4 | Zinc plated steel           | n°15 |
| 15091 | 48.3             | 1. 1/2 |                  |        |                             |      |
| 15093 | 50.9             | -      |                  |        |                             |      |
| 15095 | 60.3             | 2      |                  |        |                             |      |
| 15090 | 42.4             | 1. 1/4 | 42.4             | 1. 1/4 | Stainless steel<br>AISI 304 | n°15 |
| 15092 | 48.3             | 1. 1/2 |                  |        |                             |      |
| 15094 | 50.9             | -      |                  |        |                             |      |
| 15096 | 60.3             | 2      |                  |        |                             |      |
| 15097 | 48.3             | 1. 1/2 | 48.3             | 1. 1/2 | Zinc plated steel           | n°15 |
| 15099 | 50.9             | -      |                  |        |                             |      |
| 15101 | 60.3             | 2      |                  |        |                             |      |
| 15098 | 48.3             | 1. 1/2 | 48.3             | 1. 1/2 | Stainless steel<br>AISI 304 | n°15 |
| 15100 | 50.9             | -      |                  |        |                             |      |
| 15102 | 60.3             | 2      |                  |        |                             |      |

**Features:**  
Increased stability  
Self cleaning design

**IMPROVED DESIGN**

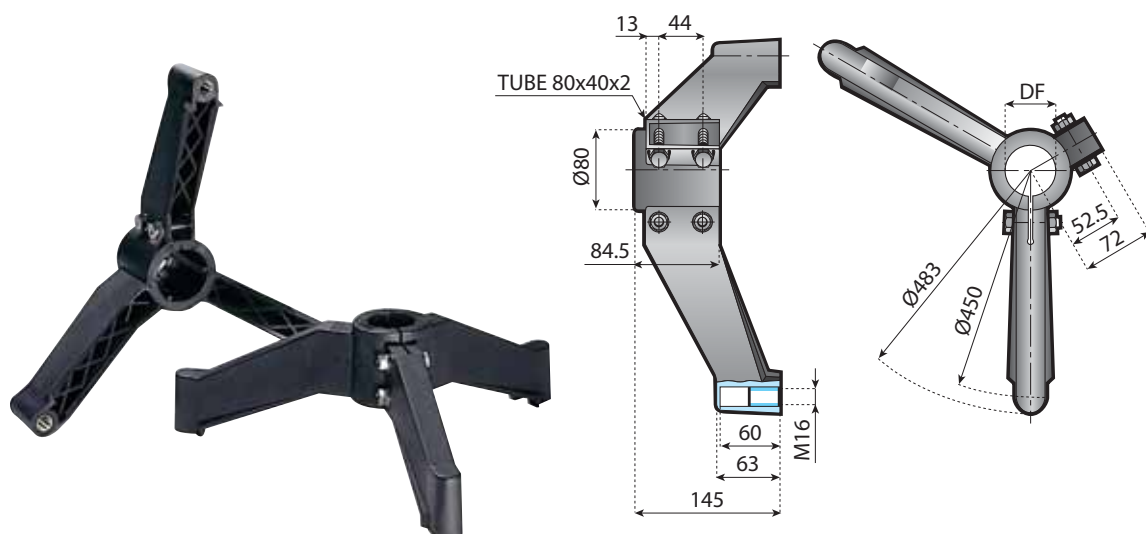
## BIPODS 120° WITH JOINT

**Material:** reinforced polyamide threaded bushings and spacers in nickel plated brass.

**Fasteners:** see table on the right.

## SUPPORT BASES

 Preferred type, readily available (codes marked in red)



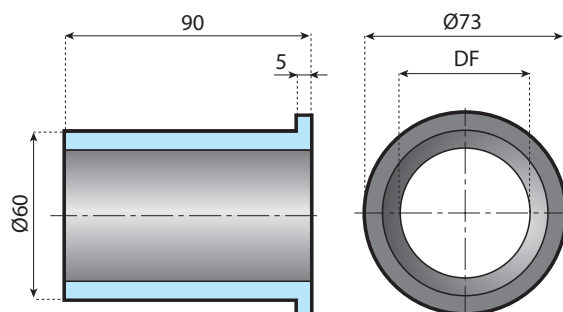
- Cross ribs
- Improved load resistance
- Increased thickness
- Improved flex resistance

### BIPODS

**Material:** reinforced polyamide threaded bushings and spacers in nickel plated brass.

**Fasteners:** see table on the right.

| Code         | DF - for tube Ø |       | Fasteners                   |      |
|--------------|-----------------|-------|-----------------------------|------|
|              | mm              | inch. |                             |      |
| <b>15704</b> | 42.4            | 1.1/4 | Zinc plated steel           | n°15 |
| <b>15508</b> | 48.3            | 1.1/2 |                             |      |
| <b>15817</b> | 50.9            | —     |                             |      |
| <b>15512</b> | 60.3            | 2     | Stainless steel<br>AISI 304 | n°15 |
| <b>15705</b> | 42.4            | 1.1/4 |                             |      |
| <b>15509</b> | 48.3            | 1.1/2 |                             |      |
| <b>15825</b> | 50.9            | —     |                             |      |
| <b>15513</b> | 60.3            | 2     |                             |      |



| Code         | DF - for tube Ø |       |      | Material |
|--------------|-----------------|-------|------|----------|
|              | mm              | inch. |      |          |
| <b>15204</b> | 50.9            | —     | n°25 | PA       |
| <b>15205</b> | 48.3            | 1.1/2 |      |          |
| <b>15206</b> | 42.4            | 1.1/4 |      |          |
| <b>15207</b> | 50              | —     |      |          |

### REDUCTION BUSH



AISI 304  
Stainless steel



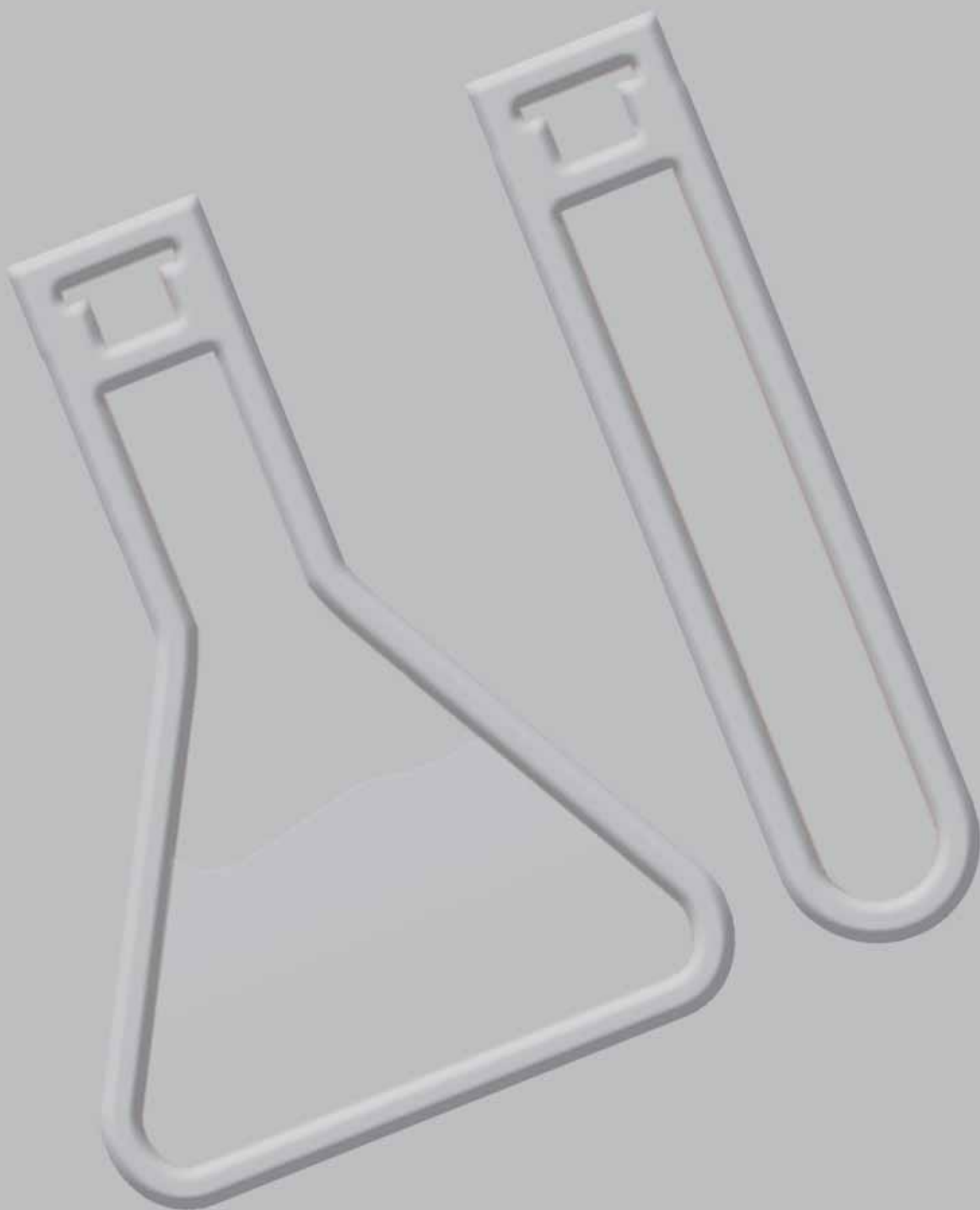
Nickel plated brass



Reinforced  
polyamide



Zinc plated steel



**Technical information**  
**Chemical resistance**

# CHEMICAL RESISTANCE

Data shown in the table was taken from laboratory tests performed on unstrained samples and are merely indicative.

Chemical resistance under normal working conditions can depend on various factors, such as stress and temperature, concentration of the chemical agent and duration of its effects.

| Chemical agent       | METALS |   |          |    |          |    |       | PLASTICS |     |     |     |    |     |     | RUBBERS |      |     |     |      |   |       |    |    |    |    |   |
|----------------------|--------|---|----------|----|----------|----|-------|----------|-----|-----|-----|----|-----|-----|---------|------|-----|-----|------|---|-------|----|----|----|----|---|
|                      | EXTRA  |   | AISI 304 |    | AISI 316 |    | OT.NI | POM      |     | PBT | PP  |    | PA  | PE  |         | EPDM |     | NBR | SEBS |   | VITON |    |    |    |    |   |
|                      | C %    |   | C %      |    | C %      |    | C %   |          | C % |     | C % |    | C % |     | C %     |      | C % |     | C %  |   | C %   |    |    |    |    |   |
| Acetic Acid          | 5      | ☆ | 20       | ☆  | 100      | ☆  |       | ○        | 5   | ●   | 10  | ☆  | 40  | ☆   | 10      | ●    | 10  | ☆   | 25   | ☆ |       | ●  | 25 | ○  | 20 | ● |
| Acetone              |        | ☆ | 25       | ☆  |          | ☆  | ☆     |          |     | ○   |     | ○  |     | ☆   | 100     | ☆    |     | ☆   |      | ☆ |       | ●  |    | ○  |    | ● |
| Acrylonitrile        |        |   |          |    |          | ☆  |       |          |     |     |     |    |     | ☆   | 100     | ☆    |     |     |      | ☆ |       | ●  |    | ○  |    | ● |
| Aluminium chloride   |        |   |          |    | ○        | 10 | ○     |          |     |     |     |    |     | ○   | 10      | ☆    |     |     |      | ☆ |       | ☆  |    | ☆  | SA | ☆ |
| Aluminium sulphate   |        |   |          |    |          | SA | ☆     |          |     |     |     |    |     | ☆   | 10      | ☆    |     | ☆   |      | ☆ |       | ☆  |    | ☆  | SA | ☆ |
| Amyl alcohol         |        |   |          | ☆  |          | ☆  |       |          |     |     | ☆   |    | ☆   | 10  | ☆       |      | ☆   |     | ☆    |   |       |    | ☆  |    |    | ☆ |
| Ammonia              |        | ☆ | 100      | ☆  |          | ☆  |       | ●        |     | ☆   |     | ○  | 30  | ☆   | 10      | ☆    |     | ☆   |      | ☆ |       | ○  |    | ○  |    | ○ |
| Ammonium chloride    |        |   |          | ○  |          | ☆  |       |          |     |     |     |    | 10  | ☆   | 10      | ☆    |     |     |      | ☆ |       | ☆  |    | ☆  | SA | ☆ |
| Aniline              |        | ☆ |          | ☆  |          | ☆  |       |          |     |     |     |    |     | ☆   | 100     | ○    | 3   | ☆   |      | ● |       | ●  |    | ●  |    | ☆ |
| Barium chloride      |        |   |          | ○  | SA       |    |       |          |     |     |     |    |     | ☆   | 10      | ☆    |     |     |      | ☆ |       | ☆  |    | ☆  |    | ☆ |
| Beer                 |        | ☆ |          | ☆  |          | ☆  |       | ☆        |     | ☆   |     |    |     | ☆   |         | ☆    |     | ☆   |      | ☆ |       | ☆  |    | ☆  |    | ☆ |
| Benzene              |        | ☆ | 70       | ○  |          | ☆  |       |          | ☆   |     | ●   |    | ☆   |     |         |      |     | ○   |      | ● |       |    |    | ●  |    |   |
| Benzoic acid         |        |   | 100      | ☆  | SA       | ☆  |       |          |     |     | ☆   | SA | ☆   | SA  | ○       |      |     |     | ●    |   | ☆     |    | ●  |    |    | ☆ |
| Benzol               |        |   |          | ☆  |          | ☆  |       | ☆        |     | ☆   |     | ☆  | ○   | 100 | ☆       |      |     | ○   |      | ● |       | ●  |    | ●  |    | ○ |
| Boric acid           |        |   | ○        | SA | ☆        | ☆  |       |          |     |     | 10  | ☆  | SA  | ☆   | 10      | ☆    | SA  | ☆   |      | ☆ |       | ☆  |    | ☆  | SA | ☆ |
| Brine                | 10     |   | ●        |    | ○        | ☆  |       |          |     |     |     | ☆  | ○   |     | ○       |      |     | ☆   |      | ☆ |       |    |    | ○  |    |   |
| Butter               |        |   |          | ☆  |          | ☆  |       | ☆        |     | ☆   |     | ☆  |     | ☆   |         | ☆    |     | ☆   |      | ☆ |       | ☆  |    | ○  |    | ☆ |
| Butyl acetate        |        |   |          |    |          | ☆  |       |          |     |     | ○   |    | ○   | 100 | ☆       |      |     |     | ○    |   |       |    | ○  |    | ○  | ● |
| Butyl alcohol        |        |   |          | ☆  |          |    |       |          |     |     |     |    | ☆   | 100 | ☆       |      |     |     | ☆    |   | ○     |    | ☆  |    | ☆  | ☆ |
| Butyl glycole        |        |   |          |    |          | ☆  |       |          |     |     |     |    | ☆   | 100 | ☆       |      |     |     | ☆    |   |       |    | ☆  |    | ☆  | ☆ |
| Calcium chloride     |        |   | ●        |    | ○        | ☆  |       | ☆        |     |     | ☆   | 50 | ☆   | 10  | ☆       | SA   | ☆   |     | ☆    |   | ☆     |    | ☆  | SA | ☆  | ☆ |
| Carbon sulphide      |        |   |          | ☆  |          | ☆  |       |          | ☆   |     |     |    | ☆   | 100 | ☆       |      |     |     | ●    |   | ●     |    | ●  |    |    | ☆ |
| Carbon tetrachloride |        |   | 10       | ☆  |          |    |       | ☆        |     | ☆   |     |    | ●   |     | ☆       |      |     |     |      | ● |       |    | ●  |    |    | ☆ |
| Chlorine water       |        | ● |          | ●  |          | ○  |       |          | ●   |     | ●   |    | ●   |     |         |      |     | ●   | 3    | ○ |       |    | 3  | ○  |    |   |
| Chloroform           |        | ○ | 10       | ☆  |          | ☆  |       | ☆        |     | ●   |     | ●  | ○   | 100 | ●       |      | ●   |     | ●    |   | ●     |    | ●  |    | ●  | ☆ |
| Chromic acid         |        |   | 25       | ☆  | 50       | ○  |       |          |     |     | ○   |    |     | 1   | ○       |      |     | 50  | ○    |   | ●     | 50 | ●  | 50 | ☆  | ☆ |
| Citric acid          | 10     | ☆ |          | ☆  | SA       | ☆  |       | ●        |     | ○   | 10  | ☆  | 10  | ☆   | 10      | ○    |     | ☆   |      | ☆ |       | ☆  |    | ☆  | SA | ☆ |
| Cyclohexane          |        |   |          |    |          | ☆  |       |          |     |     | ☆   |    | ☆   | 100 | ☆       |      |     |     | ●    |   | ☆     |    | ●  |    |    | ☆ |
| Cycloexanol          |        |   |          |    |          | ☆  |       |          |     |     | ☆   |    | ☆   | 100 | ☆       |      |     |     | ●    |   | ☆     |    | ○  |    |    | ☆ |
| Decalin              |        |   |          |    |          | ☆  |       |          |     |     | ○   |    | ○   |     | ☆       |      |     |     | ●    |   | ○     |    | ●  |    |    | ● |
| Dioxane              |        |   |          |    |          | ☆  |       |          |     |     | ☆   |    | ○   |     | ☆       |      |     |     | ○    |   | ●     |    | ●  |    |    |   |
| Distilled water      |        | ☆ | 10       | ☆  |          | ☆  |       | ☆        |     | ☆   |     | ☆  |     | ☆   |         | ☆    |     | ☆   |      |   |       | ☆  |    |    |    | ● |
| Ethyl acetate        |        |   |          | ○  |          | ☆  |       |          |     |     | ○   |    | ☆   | 100 | ☆       |      |     |     |      | ● |       |    |    |    | ○  |   |
| Ethyl alcohol        |        |   |          | ☆  |          |    |       |          | ☆   |     |     | 96 | ☆   | 96  | ☆       |      |     |     |      | ○ |       |    |    |    |    | ☆ |
| Ethyl chloride       |        |   |          | ☆  |          |    |       | ○        |     |     |     |    | ●   | 100 | ☆       |      | ○   |     |      | ○ |       |    |    |    |    | ● |
| Ethyl ether          |        |   |          |    |          | ☆  |       |          |     |     | ☆   |    | ☆   | 100 | ☆       |      |     |     |      |   |       |    |    |    |    | ☆ |
| Ferric chloride      |        |   |          | ○  |          | ☆  |       |          |     | 10  | ☆   |    | ☆   | 10  | ☆       |      |     |     | ☆    |   | ☆     |    | ☆  |    | SA | ☆ |
| Food fats            |        | ☆ | 100      | ☆  |          | ☆  |       |          | ☆   |     | ☆   |    |     | ☆   |         | ☆    |     | ○   |      | ☆ |       | ☆  |    | ○  |    | ☆ |
| Food oils            |        | ☆ |          | ☆  |          | ☆  |       |          | ☆   |     |     |    | ☆   |     | ☆       |      | ☆   |     |      |   | ☆     |    |    |    |    | ☆ |
| Formaldehyde         |        | ☆ |          | ☆  |          | ☆  |       | ☆        |     | ☆   |     | 40 | ☆   | 30  | ☆       |      | ○   |     | ○    |   | ○     |    | ○  |    | 40 | ● |
| Formic acid          | 2      | ○ |          | ●  | 100      | ☆  |       | ☆        | 10  | ●   |     | ○  |     |     | 10      | ●    | 10  | ●   |      | ☆ |       | ●  |    | ☆  |    | ○ |
| Freon 12             |        |   |          | ☆  |          |    |       |          |     |     | ☆   |    |     |     | ☆       |      |     |     |      | ☆ |       |    |    |    |    | ☆ |
| Fresh water          |        | ☆ |          | ☆  |          | ☆  |       |          | ☆   |     | ☆   |    | ☆   |     | ☆       |      | ☆   |     | ☆    |   | ☆     |    | ☆  |    |    | ☆ |
| Fruit juice          |        | ☆ |          | ○  |          | ☆  |       |          | ☆   |     | ☆   |    | ☆   |     | ☆       |      | ☆   |     | ☆    |   | ☆     |    | ☆  |    |    | ☆ |
| Gasoline             |        | ☆ |          | ☆  |          | ☆  |       | ○        |     |     | ○   |    | ○   |     | ☆       |      | ○   |     | ●    |   | ○     |    | ●  |    |    | ☆ |
| Glycerine            |        | ☆ |          | ☆  |          | ☆  |       | ☆        |     | ☆   |     | ☆  |     | ☆   |         | ☆    |     | ☆   |      | ☆ |       | ☆  |    | ☆  |    | ☆ |
| Hydrochloric acid    |        | ● |          | ●  |          | ●  |       | ○        | 35  | ●   | 20  | ○  | 30  | ☆   |         | ●    | 35  | ☆   | 15   | ☆ |       | ○  | 15 | ☆  | 37 | ☆ |
| Hydrofluoric acid    |        |   |          | ●  |          | ●  |       |          |     |     |     |    | 40  | ☆   |         | ●    | 70  | ☆   |      |   | ●     |    |    |    | 48 | ☆ |
| Hydrogen peroxide    | 3      | ☆ |          | ☆  | 100      | ☆  |       |          |     |     |     |    |     |     | ●       |      |     | 30  | ○    |   | ●     | 30 | ●  | 90 | ☆  |   |
| Isopropyl alcohol    |        |   |          |    |          | ☆  |       |          |     |     | ☆   |    | ☆   |     | ☆       |      |     |     | ☆    |   |       |    | ☆  |    |    | ☆ |
| Lactic acid          |        | ○ |          |    |          | ☆  |       | ●        |     | ☆   | 10  | ☆  | 20  | ☆   |         | ☆    |     | ☆   |      | ○ |       | ☆  |    | ○  |    | ☆ |
| Linseed oil          |        |   |          | ☆  |          | ☆  |       |          | ☆   |     | ☆   |    | ☆   |     | ☆       |      | ☆   |     | ○    |   | ☆     |    | ●  |    |    |   |

Data shown in the table was taken from laboratory tests performed on unstrained samples and are merely indicative.

Chemical resistance under normal working conditions can depend on various factors, such as stress and temperature, concentration of the chemical agent and duration of its effects.

| Chemical agent         | METALS |   |          |    |          |    |       |   | PLASTICS |    |     |   |     |   | RUBBERS |   |     |    |      |    |     |   |      |    |       |    |
|------------------------|--------|---|----------|----|----------|----|-------|---|----------|----|-----|---|-----|---|---------|---|-----|----|------|----|-----|---|------|----|-------|----|
|                        | EXTRA  |   | AISI 304 |    | AISI 316 |    | OT.NI |   | POM      |    | PBT |   | PP  |   | PA      |   | PE  |    | EPDM |    | NBR |   | SEBS |    | VITON |    |
|                        | C %    |   | C %      |    | C %      |    | C %   |   | C %      |    | C % |   | C % |   | C %     |   | C % |    | C %  |    | C % |   | C %  |    | C %   |    |
| Magnesium chloride     |        |   |          | ○  |          | ☆  |       |   |          |    | ☆   |   | ☆   |   | ☆       |   |     |    | ☆    |    | ☆   |   | ☆    |    | SA    | ☆  |
| Methyl acetate         |        |   |          | ○  |          | ☆  |       |   |          |    | ○   |   | ☆   |   | ☆       |   |     |    | ○    |    | ●   |   | ●    |    | ●     |    |
| Methyl alcohol         |        |   | 80       | ☆  |          | ☆  |       | ☆ |          | ☆  |     | ☆ |     |   |         | ☆ |     |    | ☆    |    | ○   |   | ☆    |    |       | ○  |
| Methylene chloride     |        |   | ○        |    | ○        |    | ☆     |   | ●        |    | ●   |   | ○   |   | ☆       |   | ○   |    | ●    |    | ●   |   | ●    |    | ●     |    |
| Milk                   |        |   | ☆        |    | ☆        |    | ☆     |   | ☆        |    | ☆   |   | ☆   |   | ☆       |   | ☆   |    | ○    |    | ☆   |   | ☆    |    | ☆     |    |
| Mineral oil            |        |   |          | ☆  |          | ☆  |       |   |          | ☆  |     | ☆ |     | ☆ |         | ☆ |     | ☆  |      | ●  |     | ☆ |      | ●  |       | ☆  |
| Nitric acid            | 25     |   | ○        | 65 | ☆        |    |       |   | ☆        |    |     |   | ☆   |   | ●       |   | ○   |    |      | 10 |     | ● |      |    | 70    |    |
| Nitrobenzene           |        |   |          |    |          | ☆  |       |   |          |    | ☆   |   | ☆   |   | ○       |   |     |    | ●    |    | ●   |   | ○    |    | ○     |    |
| Oleic acid             |        |   | ○        |    | ☆        |    | ☆     |   |          |    | ☆   |   | ☆   |   | ☆       |   | ○   |    | ●    |    | ○   |   | ●    |    | ○     |    |
| Oxalic acid            |        |   |          | 65 | ☆        |    | ☆     |   |          |    | 10  | ☆ |     | ☆ |         | ○ |     |    | ○    |    | ○   |   | ○    |    | ○     | ☆  |
| Paraffin               |        |   |          |    |          | ☆  |       |   | ☆        |    | ☆   |   |     |   |         |   | ☆   |    | ○    |    |     |   | ●    |    |       |    |
| Petroleum              |        |   |          | ☆  |          | ☆  |       | ☆ |          | ☆  |     | ☆ |     | ☆ |         | ☆ |     | ●  |      | ●  |     | ☆ |      | ●  |       | ☆  |
| Petroleum ether        |        |   |          | ☆  |          | ☆  |       | ☆ |          | ☆  |     | ○ |     | ☆ |         | ☆ |     |    | ●    |    | ●   |   | ●    |    | ●     |    |
| Phenol                 |        |   |          | ☆  |          | ☆  |       |   |          |    | ●   |   | ☆   |   | ●       |   |     |    | ○    |    | ●   |   | ○    |    | ☆     |    |
| Phosphoric acid        | 25     |   | ○        |    | ●        |    | ☆     |   | ●        |    | ●   |   | ☆   |   | ●       |   | ☆   |    | ☆    |    | 20  |   | ○    |    | ☆     | 85 |
| Potassium bichromate   |        |   |          |    |          | SA | ☆     |   |          |    |     | ○ |     | ☆ |         | ○ |     |    | ☆    |    |     | ○ |      | ○  |       | SA |
| Potassium bromite      |        |   |          |    |          | ☆  |       |   |          |    | ☆   |   | ☆   |   | ☆       |   | ☆   |    | ☆    |    | ☆   |   | ☆    |    | ☆     |    |
| Potassium hydroxide    |        | ☆ | 50       | ☆  |          | ☆  |       |   | ●        |    | ●   |   | ☆   |   | ☆       |   | ☆   |    | ☆    |    | ○   |   | ☆    |    | ☆     |    |
| Potassium permanganate |        |   |          | ☆  |          | ☆  |       |   |          |    | ☆   |   | ☆   |   | ●       |   |     | 10 | ☆    |    | ●   |   | 10   |    | ○     |    |
| Sea water              |        | ● |          | ☆  |          | ☆  |       | ☆ |          | ○  |     | ☆ |     | ☆ |         | ☆ |     | ☆  |      | ☆  |     | ☆ |      | ○  |       | ☆  |
| Silicone oil           |        |   |          |    |          | ☆  |       |   |          |    | ☆   |   | ☆   |   | ☆       |   | ☆   |    | ☆    |    | ☆   |   | ☆    |    | ☆     |    |
| Silver nitrate         |        |   |          | ○  |          | ☆  |       |   |          |    |     |   | ☆   |   | ☆       |   | ☆   |    |      |    | ○   |   |      |    | ☆     |    |
| Sodium carbonate       |        | ☆ | 100      | ☆  | SA       | ☆  |       |   | ☆        | 10 | ☆   |   | ☆   |   | ☆       |   | ☆   |    | ☆    |    | ☆   |   | ☆    |    | ☆     |    |
| Sodium chloride        |        |   | ○        |    | ○        | ☆  |       | ☆ |          |    |     |   | ☆   |   | ☆       |   | ☆   |    | ☆    |    | ☆   |   | ☆    |    | SA    | ☆  |
| Sodium hydroxide       | 40     |   | ☆        |    | ☆        | 60 | ☆     |   |          |    | 10  | ● |     |   | ☆       |   |     |    | ☆    |    | ○   |   | ☆    |    |       |    |
| Sodium hypochlorite    |        |   |          | ●  | SA       | ○  |       |   | ●        | 10 | ○   |   | ☆   |   | ☆       |   | ☆   |    | 10   | ☆  |     | ● |      | 10 |       | ○  |
| Sodium silicate        |        |   | 100      | ☆  |          | ☆  |       |   |          |    |     |   |     |   | ☆       |   |     |    | ☆    |    | ☆   |   | ☆    |    | ☆     |    |
| Sodium sulphate        |        |   | 100      | ☆  |          | ☆  |       |   |          |    |     |   |     |   | ☆       |   |     |    | ○    |    | ☆   |   | ☆    |    | ☆     |    |
| Soft drinks            |        |   |          | ☆  |          | ☆  |       |   | ☆        |    | ☆   |   | ☆   |   | ☆       |   | ☆   |    | ☆    |    | ☆   |   | ☆    |    | ☆     |    |
| Suds                   |        |   |          | ☆  |          | ☆  |       |   | ☆        | 10 | ☆   |   | ☆   |   | ☆       |   | ☆   |    | ☆    |    | ☆   |   | ☆    |    | ☆     |    |
| Sulphuric acid         |        | ● |          | ●  |          | ○  |       | ☆ |          | ●  | 2   | ☆ |     | ☆ |         | ● |     | ○  | 50   | ☆  |     | ● |      | 50 |       | ○  |
| Tartaric acid          |        | ☆ | 50       | ☆  |          | ☆  |       | ● |          | ○  | 50  | ☆ |     | ☆ |         | ☆ |     | ☆  |      | ○  |     | ☆ |      | ☆  |       | ☆  |
| Tetrahydrofuran        |        |   |          |    |          | ☆  |       |   |          |    | ☆   |   | ○   |   | ☆       |   |     |    | ●    |    | ●   |   | ●    |    | ●     |    |
| Tetralin               |        |   |          | ●  |          | ☆  |       |   |          |    | ☆   |   | ●   |   | ☆       |   |     |    | ●    |    | ●   |   | ●    |    | ●     |    |
| Tincture of iodine     |        |   |          | ○  |          | ☆  |       | ● |          |    |     |   | ☆   |   | ●       |   | ☆   |    | ○    |    | ●   |   | ○    |    | ☆     |    |
| Toluol                 |        | ☆ |          |    |          | ☆  |       |   |          |    | ☆   |   | ☆   |   | ☆       |   | ☆   |    | ●    |    | ●   |   | ●    |    | ○     |    |
| Transformer oil        |        | ☆ |          |    |          | ☆  |       |   |          |    | ☆   |   | ○   |   | ☆       |   |     |    | ●    |    | ☆   |   | ●    |    | ☆     |    |
| Trichloroethylene      |        |   |          | ●  | 100      | ☆  |       |   |          |    | ●   |   | ○   |   | ○       |   |     |    | ●    |    | ●   |   | ●    |    | ●     |    |
| Triethanolamin         |        |   |          |    |          | ☆  |       |   |          |    | ☆   |   | ☆   |   | ☆       |   |     |    | ○    |    | ●   |   | ○    |    | ●     |    |
| Turpentine             |        | ☆ |          | ☆  |          | ☆  |       |   | ●        |    | ☆   |   |     |   |         |   | ●   |    | ●    |    |     |   | ●    |    |       |    |
| Vaseline               |        |   |          |    |          | ☆  |       |   |          |    | ☆   |   |     |   | ☆       |   | ○   |    | ●    |    | ☆   |   | ●    |    | ☆     |    |
| Vegetable juice        |        | ☆ |          | ☆  |          | ☆  |       |   | ☆        |    | ☆   |   | ☆   |   | ☆       |   | ☆   |    | ☆    |    | ☆   |   | ☆    |    | ☆     |    |
| Vegetable oils         |        | ☆ |          | ☆  |          | ☆  |       |   | ☆        |    | ●   |   | ☆   |   | ☆       |   | ☆   |    | ○    |    | ☆   |   | ○    |    | ☆     |    |
| Vinegar                |        | ☆ |          | ☆  | 100      | ☆  |       | ☆ |          | ☆  | 10  | ☆ |     | ☆ |         | ☆ |     | ☆  | 25   | ☆  |     | ○ | 25   | ○  |       | ●  |
| Water and soap         |        | ☆ |          | ☆  |          | ☆  |       |   | ☆        |    | ☆   |   | ☆   |   | ☆       |   | ☆   |    | ☆    |    | ☆   |   | ☆    |    | ☆     |    |
| Whisky                 |        | ☆ |          | ☆  |          | ☆  |       | ☆ |          | ☆  |     | ☆ |     | ☆ |         | ☆ |     |    | ☆    |    | ☆   |   | ☆    |    | ☆     |    |
| Wine                   |        | ☆ |          | ☆  |          | ☆  |       | ☆ |          | ☆  |     | ☆ |     | ☆ |         | ☆ |     | ○  |      | ☆  |     | ☆ |      | ☆  |       | ☆  |
| Xilol                  |        | ☆ |          | ☆  |          | ☆  |       | ○ |          | ●  |     | ☆ |     | ● |         | ☆ |     | ☆  |      | ●  |     | ● |      | ●  |       | ☆  |

## ABBREVIATION

C = concentration  
SA = saturated

☆ = good resistance  
● = insufficient resistance ( not recommended)

○ = fairly good resistance depending on use conditions  
blank spaces = no tests performed

## INTERNATIONAL SYSTEM (SI) CONVERSION FACTORS

| To convert<br>SI (metric) | Symbol<br>SI | Divided by<br>factor | To<br>obtain        |
|---------------------------|--------------|----------------------|---------------------|
| <b>Length</b>             |              |                      |                     |
| meter                     | m            | 0.3048               | foot                |
| centimeter                | cm           | 30.48                | foot                |
| millimeter                | mm           | 304.8                | foot                |
| meter                     | m            | 0.0254               | inch                |
| centimeter                | cm           | 2.54                 | inch                |
| millimeter                | mm           | 25.4                 | inch                |
| meter                     | m            | 1609.34              | mile                |
| kilometer                 | km           | 1.60934              | mile                |
| meter                     | m            | 0.9144               | yard                |
| <b>Mass</b>               |              |                      |                     |
| gram                      | g            | 28.3495              | ounce (avoirdupois) |
| kilogram                  | kg           | 0.0283495            | ounce (avoirdupois) |
| kilogram                  | kg           | 0.45359              | pound (avoirdupois) |
| <b>Velocity</b>           |              |                      |                     |
| meter/minute              | –            | 0.00508              | foot/hour           |
| meter/hour                | –            | 0.3048               | foot/hour           |
| meter/minute              | –            | 0.3048               | foot/minute         |
| meter/second              | m/s          | 0.00508              | foot/minute         |
| meter/minute              | –            | 18.288               | foot/second         |
| meter/second              | m/s          | 0.3048               | foot/second         |
| <b>Force</b>              |              |                      |                     |
| newton                    | N            | 9.80665              | kilogram-force      |
| newton                    | N            | 9.80665              | kilopound           |
| newton                    | N            | 0.27801              | ounce-force         |
| newton                    | N            | 4.44822              | pound-force         |
| newton/meter              | N/m          | 175.1268             | pound/inch          |
| newton/meter              | N/m          | 14.5939              | pound/foot          |

## APPLICATION TEMPERATURES

| Material                   | Symbol         | Min.<br>Temp. °C | Max. temperature °C |                    |
|----------------------------|----------------|------------------|---------------------|--------------------|
|                            |                |                  | Dry<br>environment  | Wet<br>environment |
| Carbon steel               | C45            | - 70             | 180                 | not recommended    |
| Ferritic stainless steel   | Standard       | - 30             | 400                 | 130                |
| Austenitic stainless steel | Austic         | - 30             | 400                 | 130                |
| Acetal Resin               | D,W            | - 40             | 80                  | 65                 |
| Low Friction Acetal resin  | LF(all colors) | - 40             | 80                  | 65                 |
| Polyamide                  | PA             | 0                | 90                  | 90                 |
| Reinforced polyamide       | PA FV          | 0                | 90                  | 90                 |
| Polypropylene              | PP             | 0                | 104                 | 104                |
| Reinforced polypropylene   | PP FV          | 0                | 104                 | 104                |
| Polyethylene               | PE             | - 40             | 80                  | 80                 |



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| VG-628-35-12-58  |  |  | 14S00063     | 263     | VG-JS100-125-30M     |  |      | 19S00015-30M    | 10    | VG-P38BC-NS-75M  |      |      | 19S00068NS-75M  | 34  | VG-QSC-16M           |  |  | 13S00294       | 224 |
| VG-628-50-12-12  |  |  | 14S00064     | 263     | VG-JS100-125-3M      |  |      | 19S00015-3M     | 10    | VG-P38HD-3M      |      |      | 19S00069-3M     | 34  | VG-QSC-20M           |  |  | 13S00295       | 224 |
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