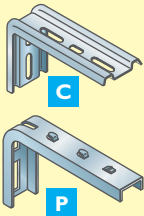
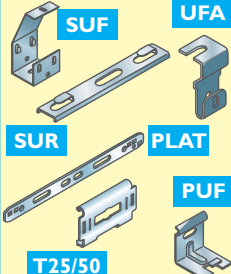
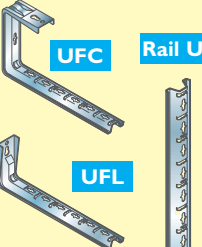
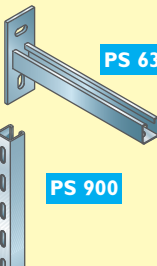
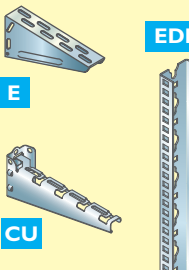
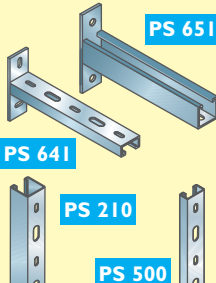




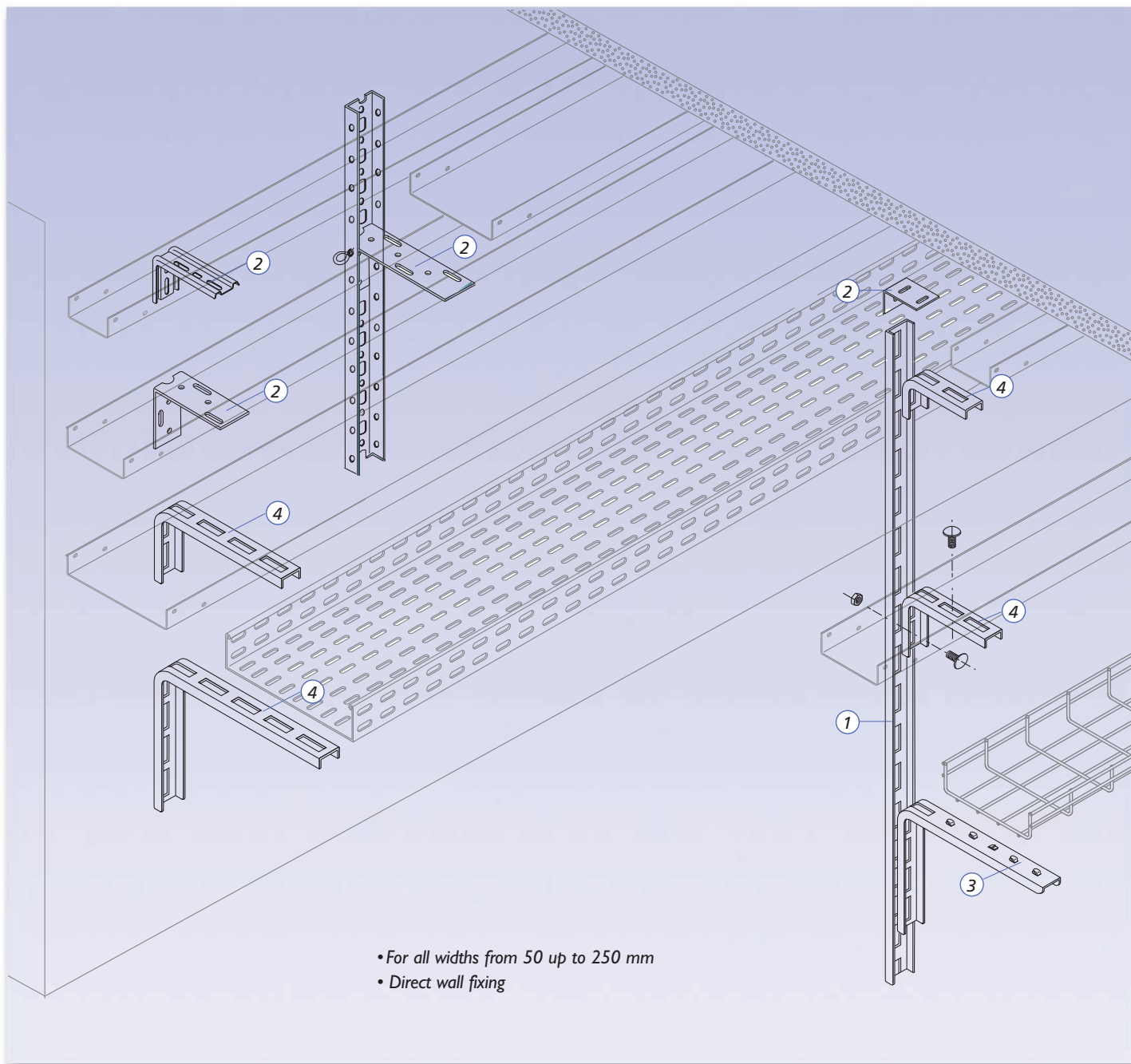
Support System GENERAL SURVEY

Light duty		Medium duty				Heavy duty	
Light duty support system	UNIFIL Supports	S100U	JUNIOR	S150 S150U	T-STRUT S 350		
							

Suitable for cable trays and basket trays
For UNIFIL basket tray
For cable trays, cable ladders

	wall fixing			suspension			central suspension			hanging			bracket for hanging system		
width (mm)	Product	Page	daN	Product	Page	daN	Product	Page	daN	Product	Page	daN	Product	Page	daN
50	PUF or T25/50	3-10/3-4	50	UFC-10	6-5	130	Threaded rod	7-2	50				UFL-10	6-4	130
	P45x75 or C75x123	6-2/6-2	50/80	SUF 50	3-11	30	T25/50 or SUR or U40	3-4/3-11	60						
100	UFL-10 or C100 U	6-4/6-5	130/70										UFL-10 or C100 U	6-4/5-7	130/90
	C100x150E	6-4	100	UFC-10	6-5	130							PS837-10	6-18	150
	P90x150 or C100x150	6-2/6-3	60/100	SUF 100	3-11	30									
	PS837-10	6-18	150												
150 / 147	UFL-20 or C150 U	6-4	85/75				Threaded rod	7-2	50						
	C100x150E	6-3	100				2U40 or T25/50 or SUR	3-11/3-4	50				UFL-20 or C150 U	6-4	85/90
	P90x150 or C100x150	6-2/6-3	60/100	UFC-20	6-5	85				U channel	5-3	150	UF 51-15	6-18	500
	PS631-15	6-27	150							UFA	3-11	50	PS631-25	6-27	150
	PS641-15	6-18	240							Telex U35-C30	4-8	50			
	PS651-15	6-18	500							EDF	5-5	100	UFL-20 or C200 U	6-4/6-8	85/75
200 / 195	UFL-20 or C200 U	6-4/6-8	85/60							PS 900	5-22	130	UF 51-20	6-18	500
	C200x250E	6-3	100	UFC-20	6-5	65							PS631-20 or PS837-20	6-27/6-18	150
	PS631-20 or PS837-20	6-27/6-18	150										PS641-20 or S350/2	6-18/6-13	240
	PS641-20 or S350/2	6-18/6-13	240										PS651-20	6-18	500
	PS651-20	6-18	500				U channel	6-4	150				UFL-30 or C300 U	6-4/6-8	65/55
300 / 316	UFL-30 or C300 U	6-4/6-8	65/55										UF 51-30	6-18	350
	UF 51-30	6-18	350	UFC-30	6-5	50							PS631-30	6-27/6-18	150
	PS631-30	6-27	150										PS641-30 or PS837-30	6-18	150
	PS641-30 or PS837-30	6-18	150										PS651-30 or S350/2	6-18/6-13	350
	PS651-30 or S350/2	6-18/6-13	350												
400 / 437	C400 U	6-8	50/70										UFL-40 or C400 U	6-4/6-8	90
	UF 51-40	6-18	300	UFC-40	6-5	40							UF 51-40	6-18	300
	PS641-40 or PS837-40	6-18	150										PS641-40 or PS837-40	6-18	150
	PS651-40 or S350/2	6-18/6-13	250										PS651-40 or S350/2	6-18/6-13	250
500 / 530	C500 U	6-8	170				Not recommended						UFL-50 or C500 U	6-4/6-8	210
	UF 51-50	6-18	250							EDF	6-6	100	UF 51-50	6-18	250
	PS651-50 or S350/2	6-18/6-13	250							PS900	6-27	130	PS651-50 or S350/2	5-14/5-11	250
600 / 604	C600 U	6-8	170							PS500	6-17	250	C600 U	6-8	180
	UF 51-60	6-18	250							PS210	6-17	400	UF 51-60	6-18	250
	PS651-60 or S350/2	6-18/6-13	250										PS651-60 or S350/2	6-18/6-13	250

Light duty brackets - width ≤ 250 mm



- For all widths from 50 up to 250 mm
- Direct wall fixing

- ① ES 50 Bracket mounting channel
- ② Flat angle
- ③ Brackets for basket tray
- ④ Brackets for cable tray

Light duty support system

BRACKETS

613NNN

G

614NNN

HDG

A / B	daN	p	Kg/p	Code	Code
75 / 45	70	50	0,12	613001	614001

617NNN
316 L

A / B	daN	p	Kg/p	Code	Code
75 / 123	80	50	0,10	613004	614004

90 / 150	60	50	0,22	613123	614123
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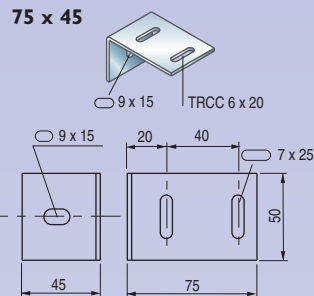
90 / 225	50	50	0,29	613124	614124
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ES 50 CHANNEL

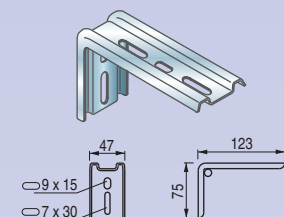
Type	Length mm	Kg/p	Code	Code
ES 50 CHANNEL (42)	960	0,69	613028	614028

617NNN
316 L

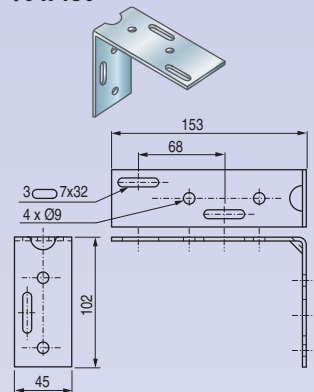
75 x 45



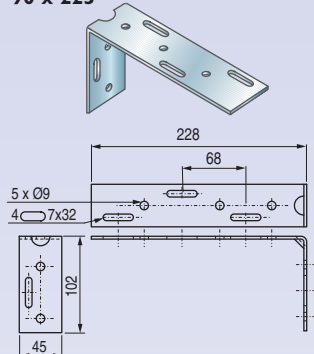
75/123



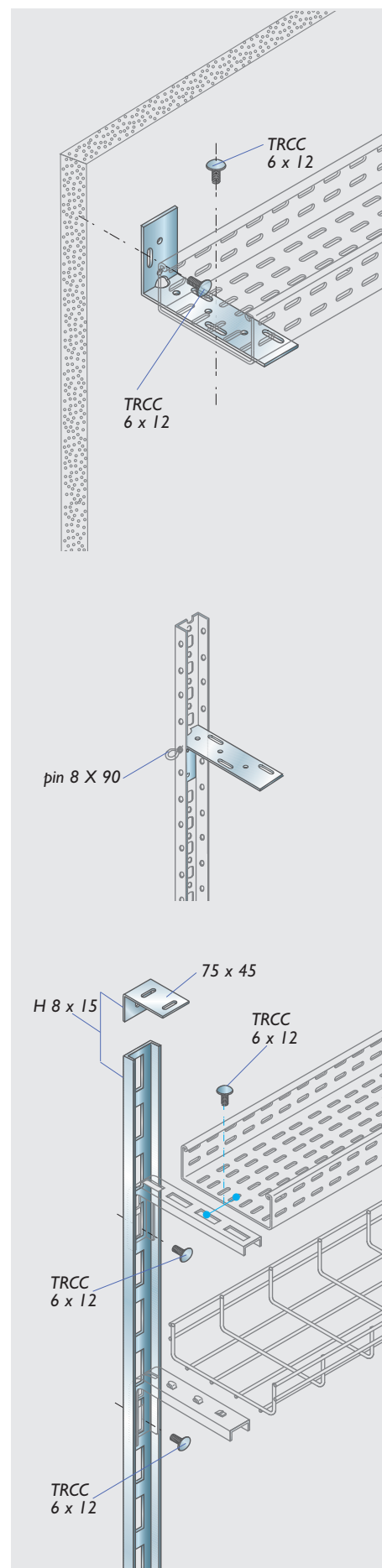
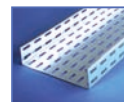
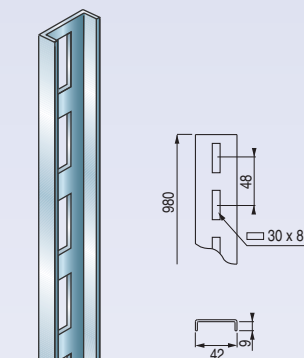
90 x 150



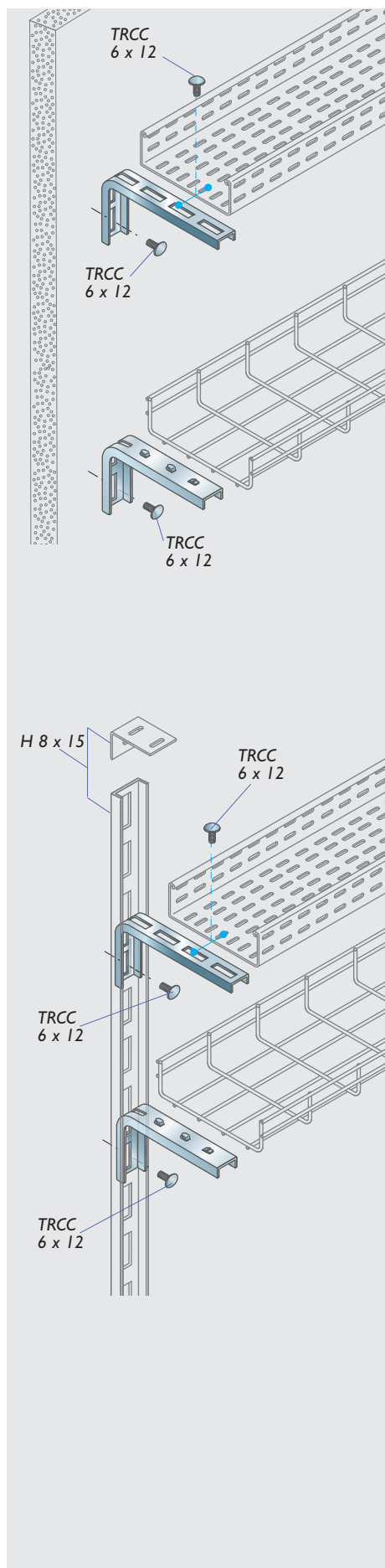
90 x 225



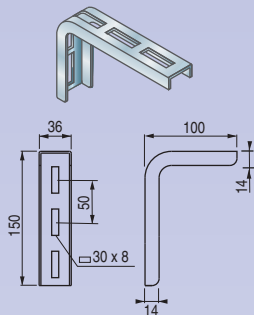
ES 50 CHANNEL



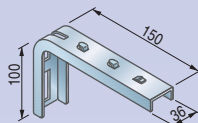
Light duty support system



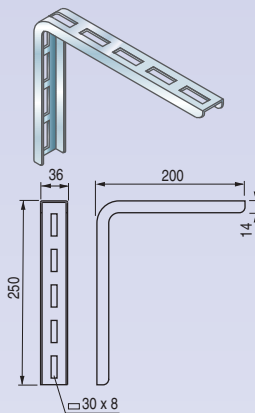
C 100 x 150



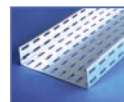
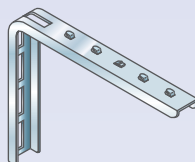
C 100/150 E



C 200 x 250



C 200/250 E



BRACKETS

613NNN

G

614NNN

HDG

A / B	daN	p	Kg/p	Code	Code
C 100 / 150	100	20	0,18	613002	614002

552NNN

G

553NNN

HDG

C 100 / 150 E	100	20	0,20	552046	553046
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613NNN

G

614NNN

HDG

C 200 / 250	100	20	0,33	613003	614003
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552NNN

G

553NNN

HDG

C 200 / 250 E	100	20	0,35	552048	553048
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S 100 U UNIVERSAL MULTI-SUPPORT SYSTEM



APPLICATIONS :

Any medium duty application from 40 up to 130 daN.

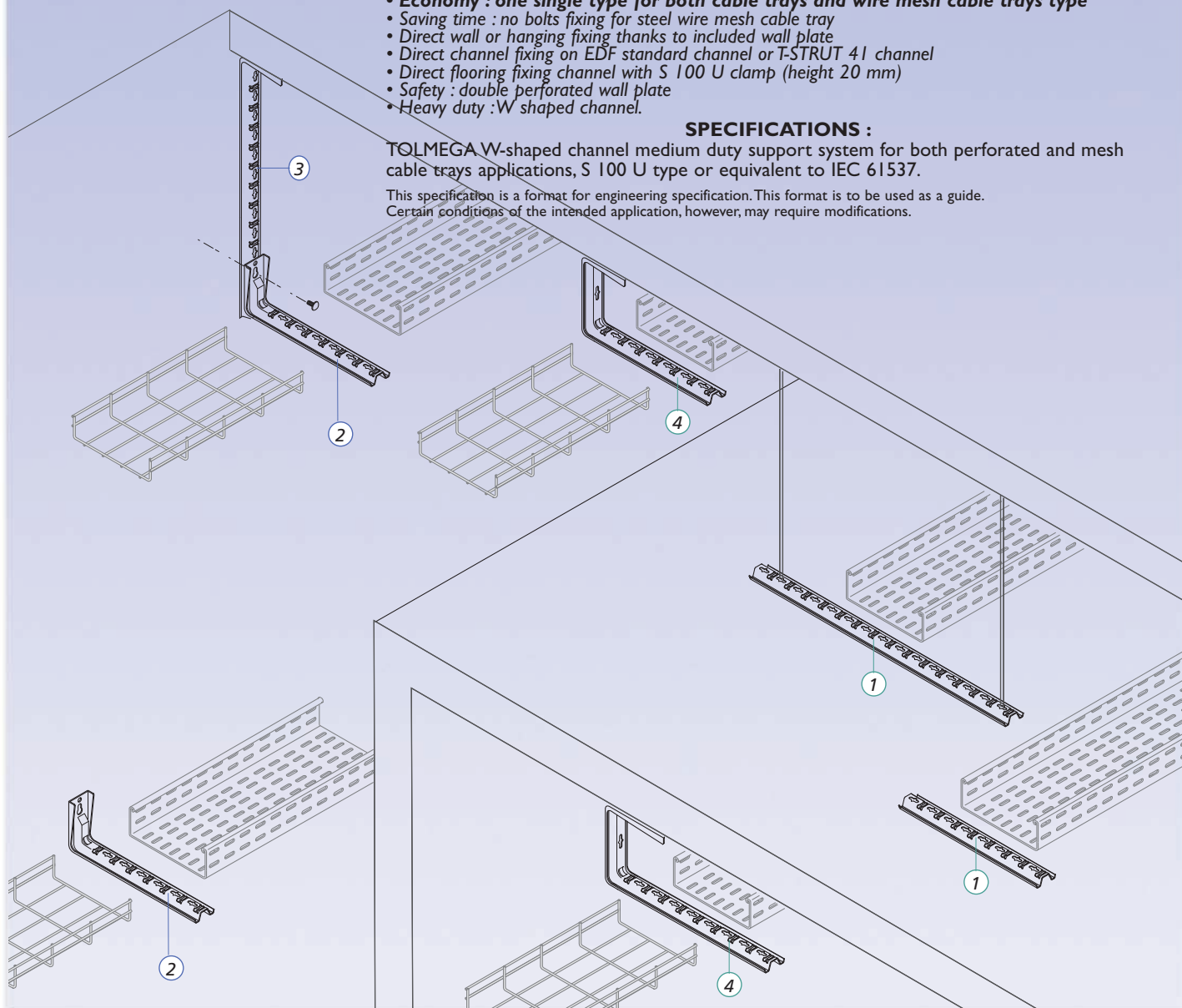
BENEFITS :

- **Economy** : one single type for both cable trays and wire mesh cable trays type
- Saving time : no bolts fixing for steel wire mesh cable tray
- Direct wall or hanging fixing thanks to included wall plate
- Direct channel fixing on EDF standard channel or T-STRUT 41 channel
- Direct flooring fixing channel with S 100 U clamp (height 20 mm)
- Safety : double perforated wall plate
- Heavy duty : W shaped channel.

SPECIFICATIONS :

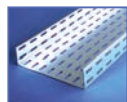
TOLMEGA W-shaped channel medium duty support system for both perforated and mesh cable trays applications, S 100 U type or equivalent to IEC 61537.

This specification is a format for engineering specification. This format is to be used as a guide. Certain conditions of the intended application, however, may require modifications.



- ① S 100 U channel
- ② Bracket
- ③ Hanging system
- ④ Hanging bracket

S 100 U UNIVERSAL multi-support system



S 100 U CHANNEL

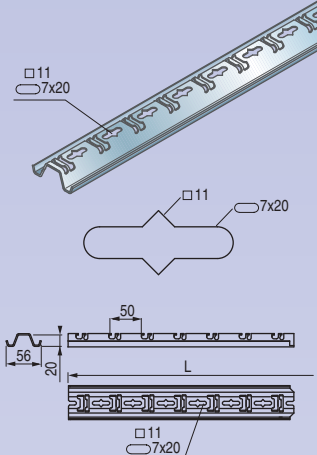
747NNN
G

748NNN
ZINC +

L mm	p	Kg/p	Code	Code
3000	-	5,70	747100	748100
2000	-	3,80	747108	748108
1000	-	1,90	747107	748107
Kg/p				
600	20	1,00	747106	748106
500	20	0,84	747105	748105
400	20	0,68	747104	748104
300	20	0,53	747103	748103
200	20	0,37	747102	748102
150	20	0,29	747101	748101

750NNN
316 L

S 100 U CHANNEL



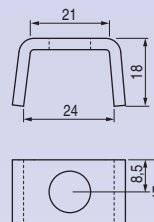
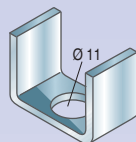
S 100 U CLAMP

552NNN
G

553NNN
ZINC +

Clamp	50	0,016	552113	553113
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- ground fixing
- back to back hanging system



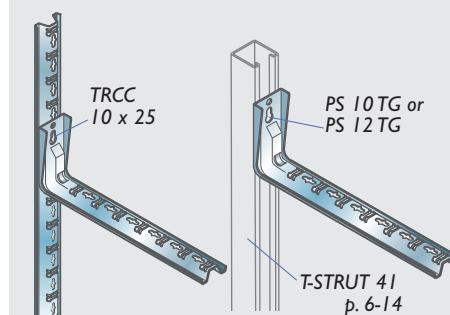
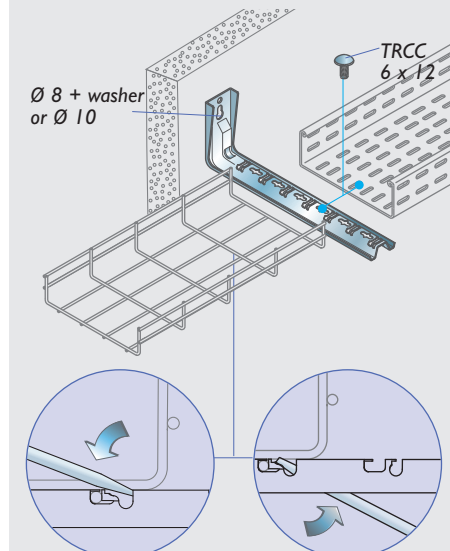
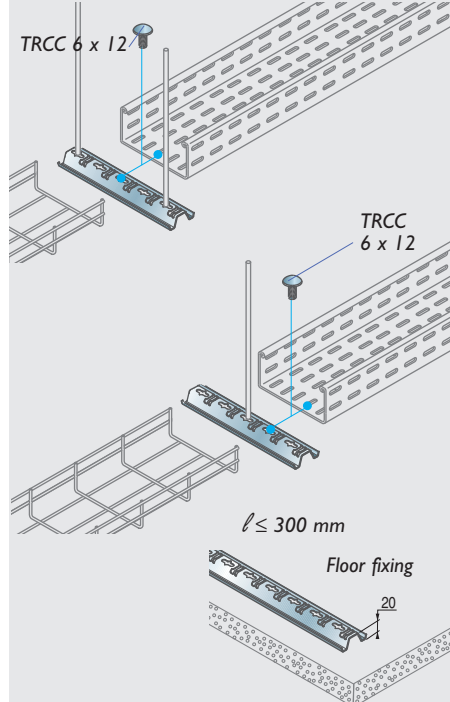
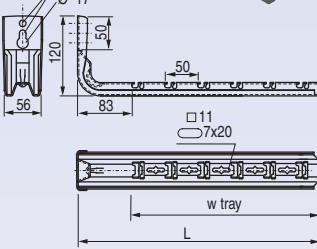
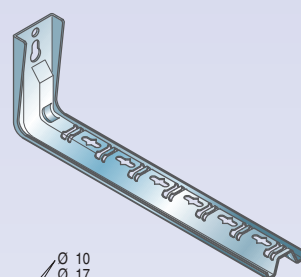
UFL BRACKET

747NNN
G

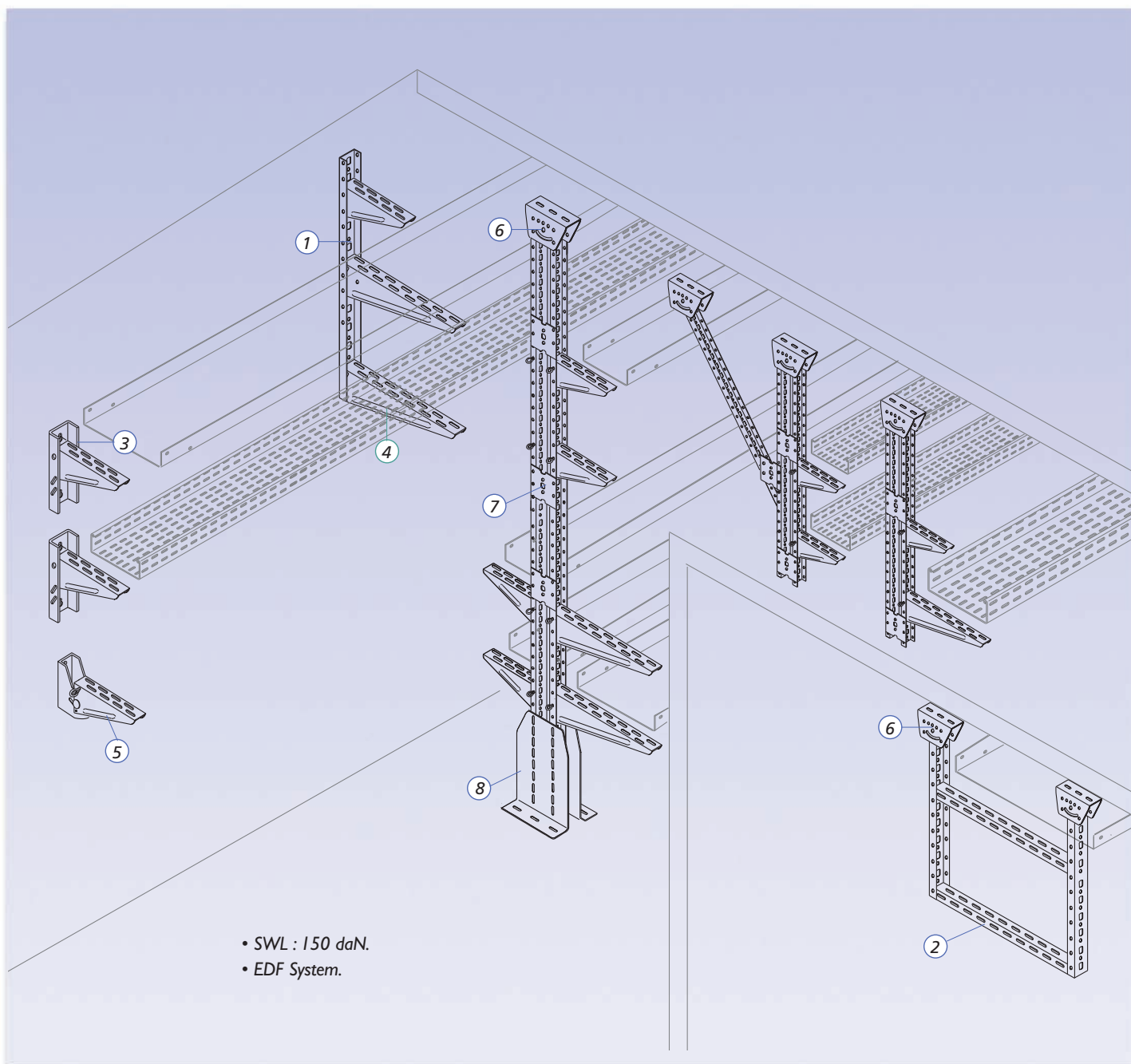
748NNN
ZINC +

Type	w daN	w tray mm	L mm	p	Kg/p	Code	Code
UFL-10	130	100	165	20	0,28	747001	748001
UFL-15	108	150	215	20	0,34	747002	748002
UFL-20	86	200	265	20	0,41	747003	748003
UFL-25	75	250	315	20	0,47	747004	748004
UFL-30	64	300	365	20	0,54	747005	748005

750NNN
316 L



Medium duty S 150 support system



- | | |
|-----------------------------------|---|
| ① EDF bracket mounting channel | ⑤ Adjustable wall plate 30° |
| ② T 0107 bracket mounting channel | ⑥ Adjustable gusset A for single or double hanging system |
| ③ Wall plate | ⑦ Accessories for double hanging system |
| ④ Brackets | ⑧ Central support for SR cable ladders |

S 150 support system



EDF CHANNEL

		627NNN		628NNN	
		G		HDG	
w	Thick.	Code		Code	
m	mm	Kg/ml			
2	2	1,10		627004	
3	2	1,10		627010	
2	2,5	1,39		627005	
2	3	1,66		627006	

BRACKET MOUNTING CHANNEL T 0107

2	2	1,00	627001	628001
3	2	1,00	627007	628007
2	2,5	1,30	627002	628002
2	3	1,55	627003	628003

630NNN	631NNN	632NNN
304 L	316 L	AG3

WALL PLATE

		613NNN		614NNN	
		G		HDG	
p	Kg / p	Code		Code	
50	0,27	613047		614047	

VERTICAL HANGING SYSTEM ACCESSORIES

GUSSET A

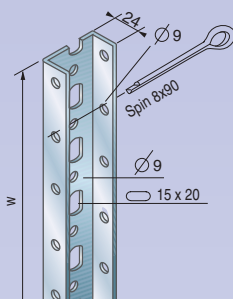
Type	p	Kg / p	Code	Code
Gusset A	10	0,44	613021	614021

Join plate C	50	0,13	613023	614023
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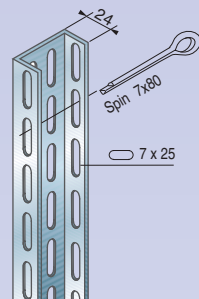
Foot Gusset D	10	1,08	613024	614024
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616NNN	617NNN	618NNN
304 L	316 L	AG3

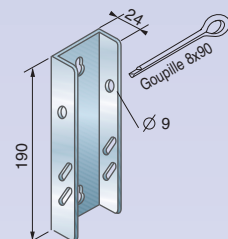
EDF CHANNEL



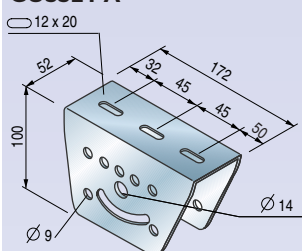
BRACKET MOUNTING CHANNEL



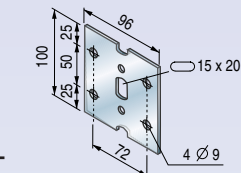
WALL PLATE



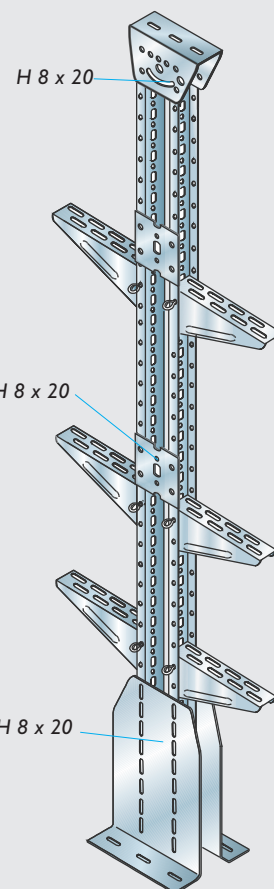
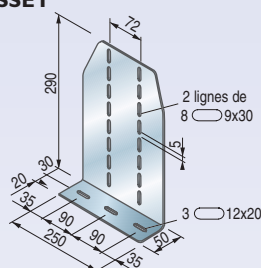
GUSSET A



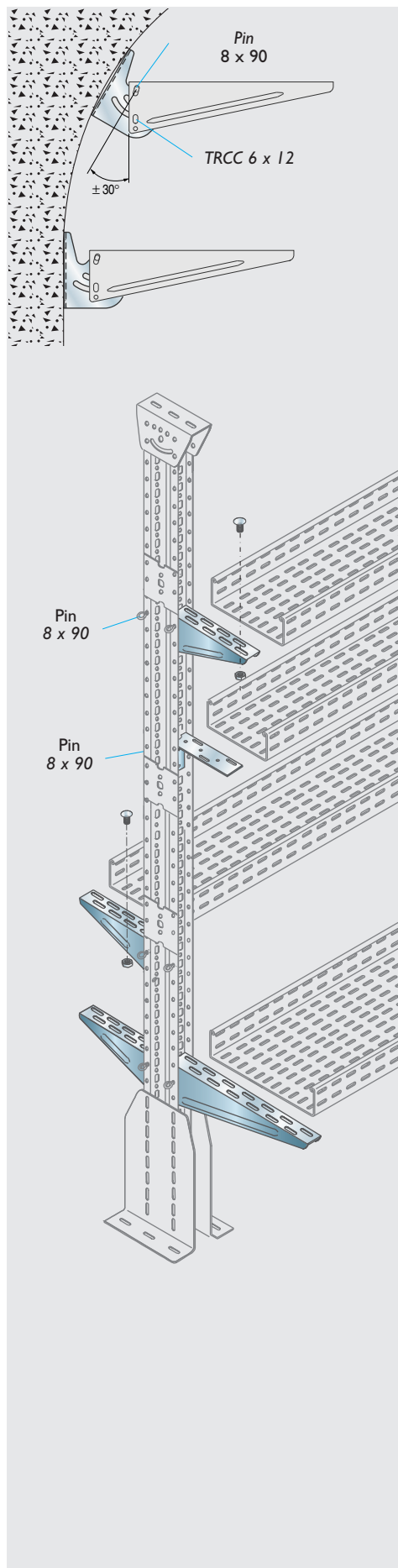
JOIN PLATE C



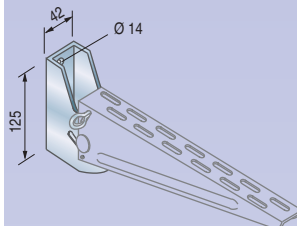
FOOT GUSSET D



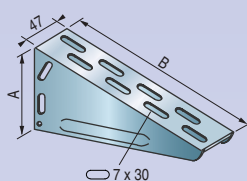
S 150 support system



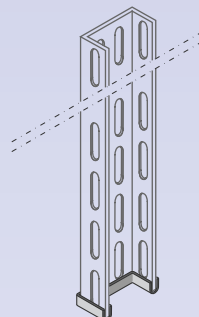
ADJUSTABLE BRACKET WALL PLATE



EDF BRACKET



END CAP



ADJUSTABLE BRACKET WALL PLATE ± 30°

613NNN

G

614NNN

HDG

Type		Code	Code
Wall plate ± 30° 50	0,48	613048	614048

617NNN

316 L

EDF BRACKETS

613NNN

G

614NNN

HDG

Type		Code	Code
E A x B	p Kg / p		
E 55 x 150 20	0,12	613025	614025
E 90 x 225 20	0,25	613006	614006
E 90 x 350 20	0,46	613007	614007
E 90 x 475 10	1,00	613008	614008
E 90 x 550 10	1,30	613009	614009
E 130 x 640 10	1,90	613010	614010

616NNN

304 L

617NNN

316 L

618NNN

AG3

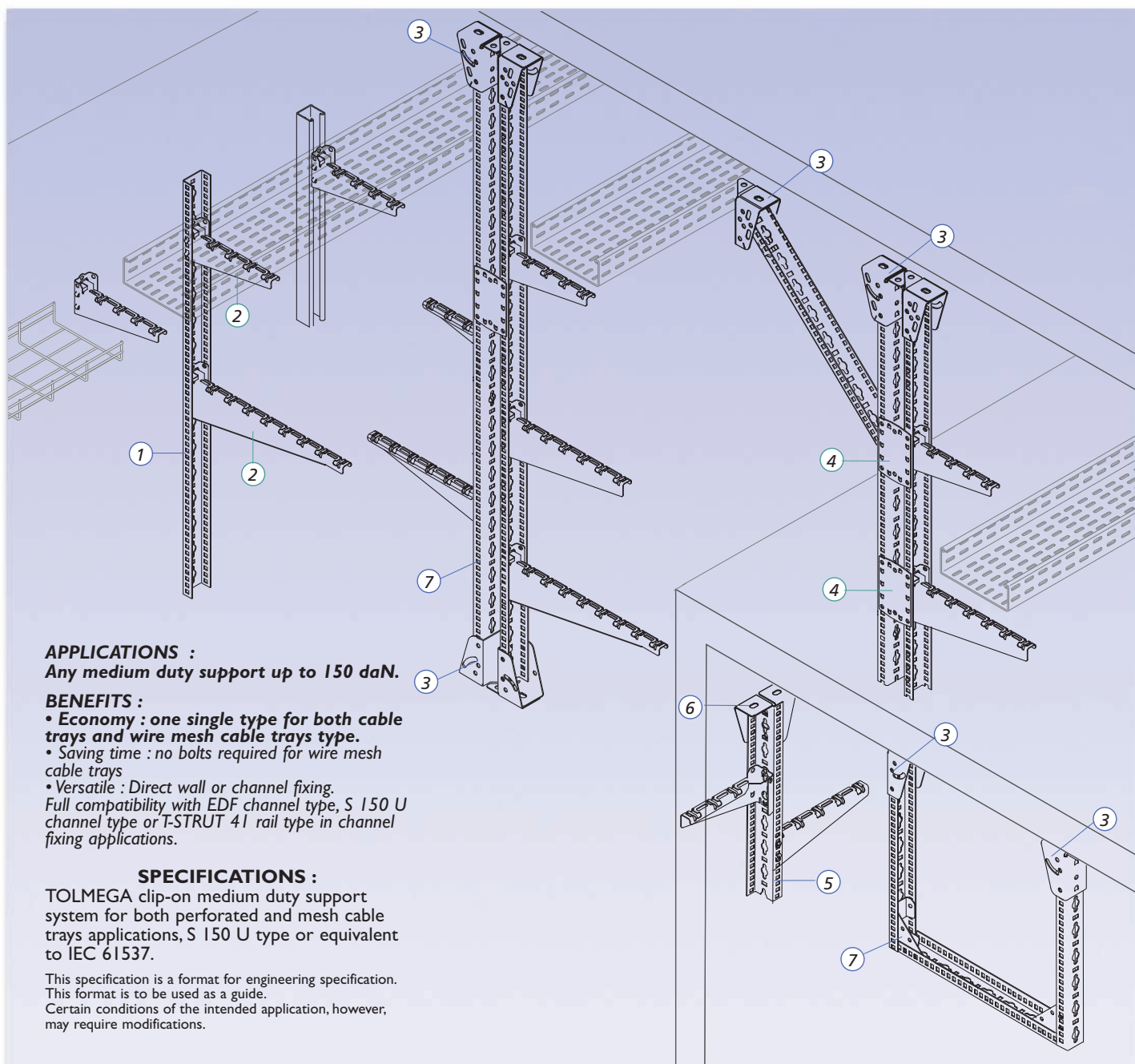
END CAP

427NNN

PVC Grey

Type		Code
	Kg / p	
End cap	10 m 1,12	427729

MEDIUM DUTY UNIVERSAL S 150 U multi-support system



APPLICATIONS :

Any medium duty support up to 150 daN.

BENEFITS :

- **Economy** : one single type for both cable trays and wire mesh cable trays type.
 - **Saving time** : no bolts required for wire mesh cable trays
 - **Versatile** : Direct wall or channel fixing.
- Full compatibility with EDF channel type, S 150 U channel type or T-STRUT 41 rail type in channel fixing applications.

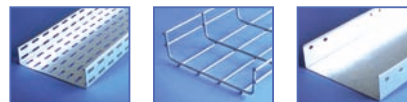
SPECIFICATIONS :

TOLMEGA clip-on medium duty support system for both perforated and mesh cable trays applications, S 150 U type or equivalent to IEC 61537.

This specification is a format for engineering specification. This format is to be used as a guide. Certain conditions of the intended application, however, may require modifications.

- ① U mounting channel
- ② Clip-on bracket
- ③ Adjustable clip-on bracket
- ④ Distance piece
- ⑤ Z mounting channel
- ⑥ Z gusset
- ⑦ Clip-on corner bracket

S 150 U UNIVERSAL MULTI-SUPPORT SYSTEM



EDF U CHANNEL

757NNN

G

758NNN

ZINC +

Nominal width	w mm	Ep. mm	Kg/ml	Code	Code
250	240	2	0,32	757107	758107
500	480	2	0,65	757108	758108
1000	960	2	1,03	757106	758106
2000	1980	2	1,03	757101	758101
3000	3000	2	1,03	757102	758102

U BRACKETS

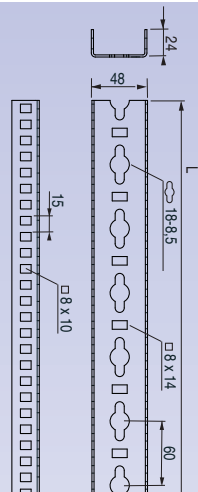
Type	h					Code	Code
L tray	mm		daN	Kg/lb			
							
C 100 U	77	20	70	90	0,13	757001	758001
C 150 U	77	20	75	90	0,16	757002	758002
C 200 U	77	20	55	75	0,19	757003	758003
C 300 U	107	20	55	60	0,33	757004	758004
C 400 U	107	20	70	90	0,45	757005	758005
C 500 U	121	10	170	210	1,27	757006	758006
C 600 U	121	10	170	180	1,36	757007	758007

759NNN 304 L

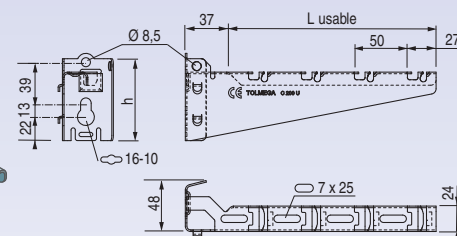
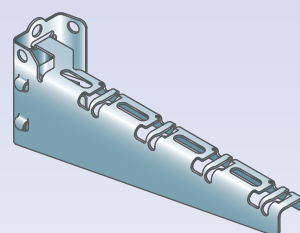
760NNN 316 L

761NNN AG3

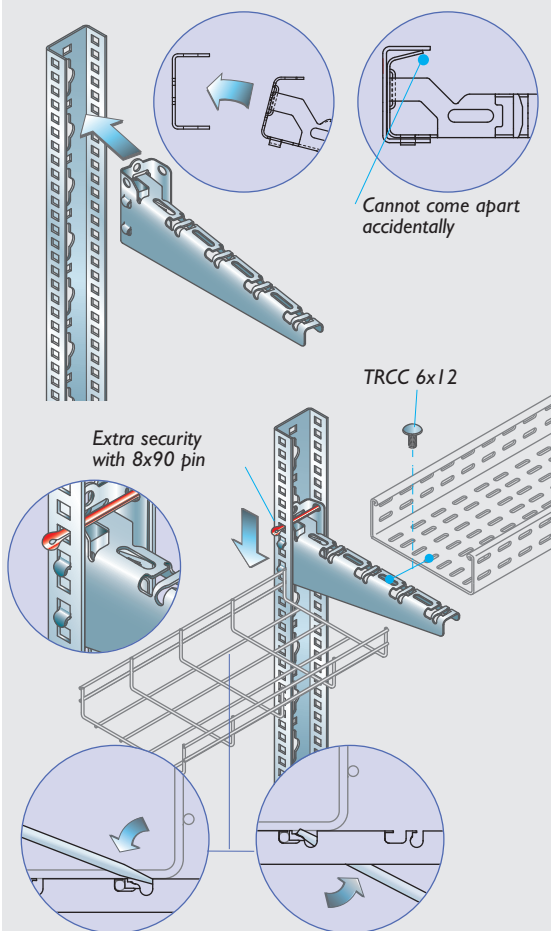
EDF U CHANNEL



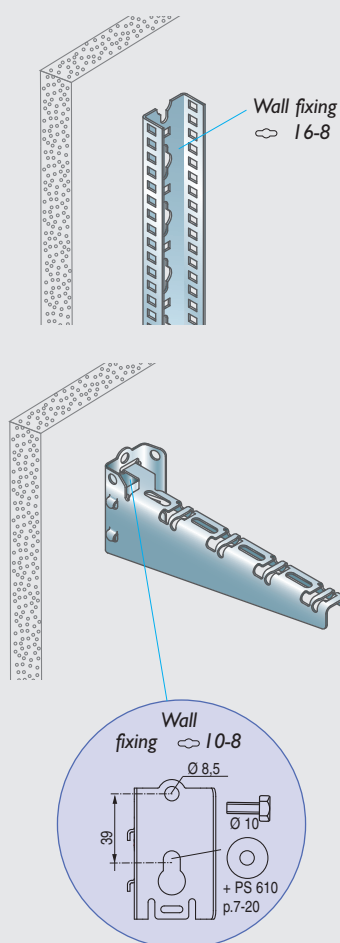
U BRACKETS



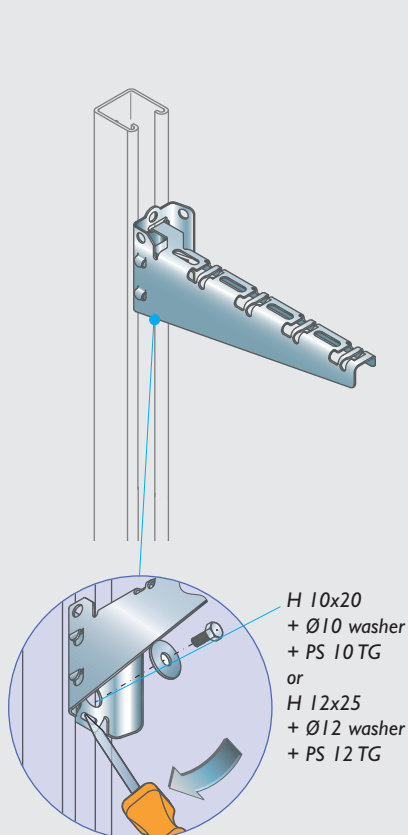
CHANNEL MOUNTING

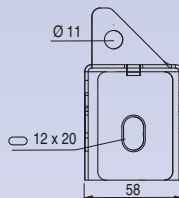
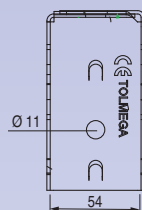


WALL MOUNTING



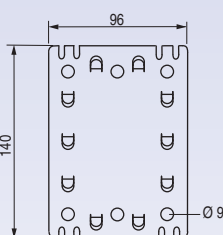
T-STRUT 41 CHANNEL MOUNTING





Technical drawing of a rectangular panel with dimensions and callouts:

- Overall width: 96
- Overall height: 120
- Top section height: 60
- Bottom section height: 15
- Callouts:
 - 8 x 10
 - 8 x 14
 - 18-8.5



757NNN
G

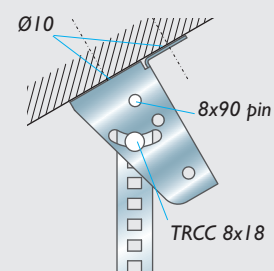
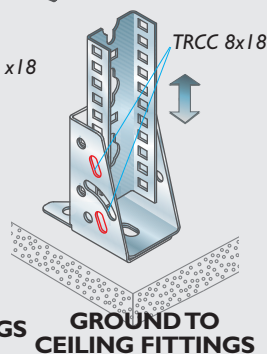
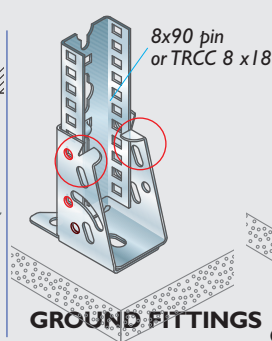
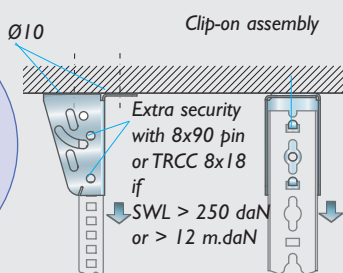
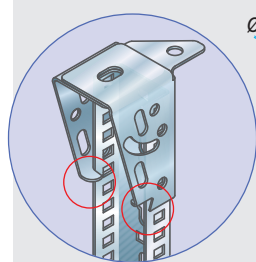
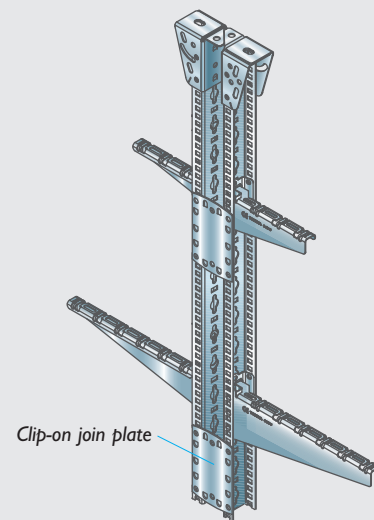
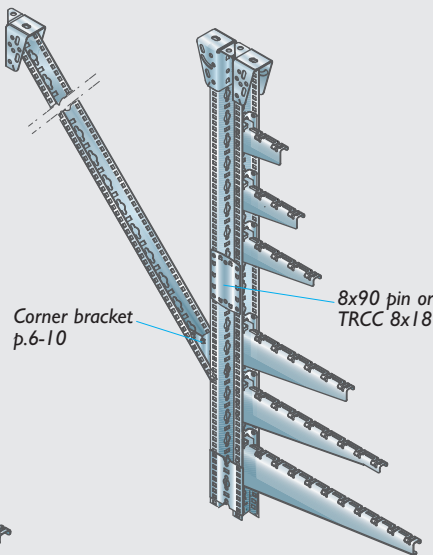
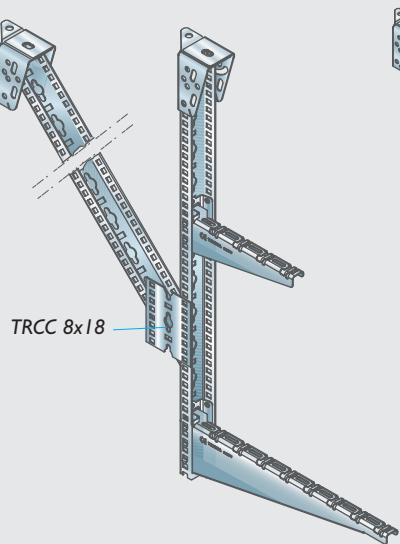
759NN 304 L 760NN 316 L

- | | | | | |
|------------|----|------|--------|--------|
| Join plate | 50 | 0,15 | 757202 | 758202 |
|------------|----|------|--------|--------|

759NN 304 L 760NN 316 L

Join plate E 50	0,17	757204	758204
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759NN 304 L



ADJUSTABLE FITTINGS

S 150 U UNIVERSAL MULTI-SUPPORT SYSTEM



Z CHANNEL

757NNN

G

758NNN

ZINC +

w mm		Ep. mm	Kg/p	Code	Code
500	10	2	0,65	757104	758104
800	10	2	1,00	757105	758105

Z GUSSET

Type		Kg/p	Code	Code
Z Gusset	20	0,31	757203	758203

UNIVERSAL CLIP-ON CORNER BRACKET

Corner bracket U	20	0,18	757205	758205
------------------	----	------	--------	--------

759NNN
304 L

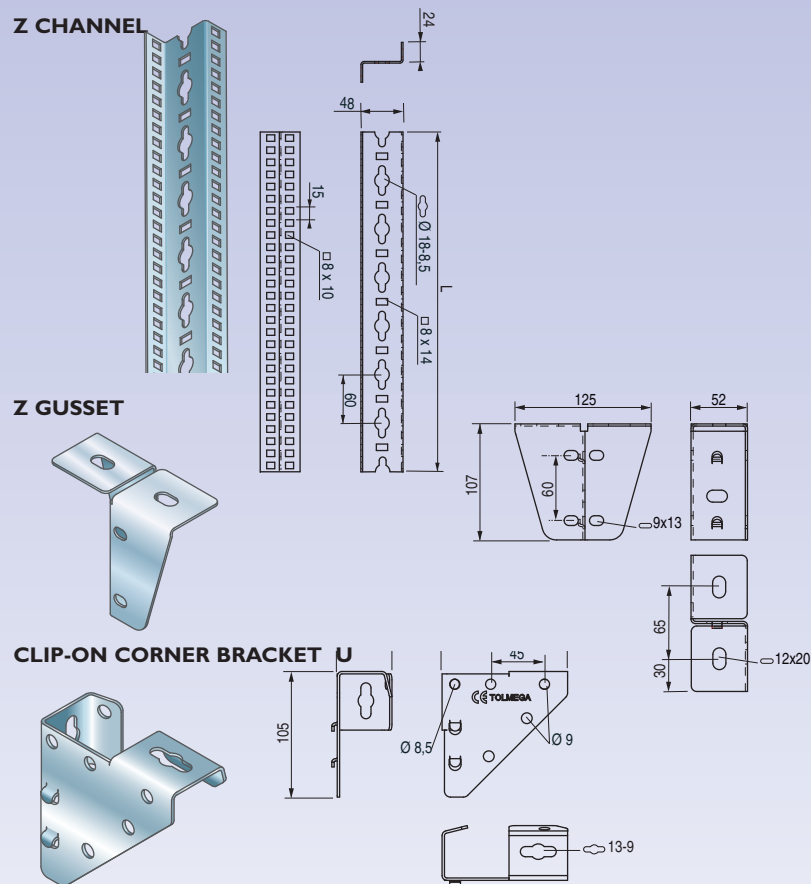
760NNN
316 L

761NNN
AG3

Z CHANNEL

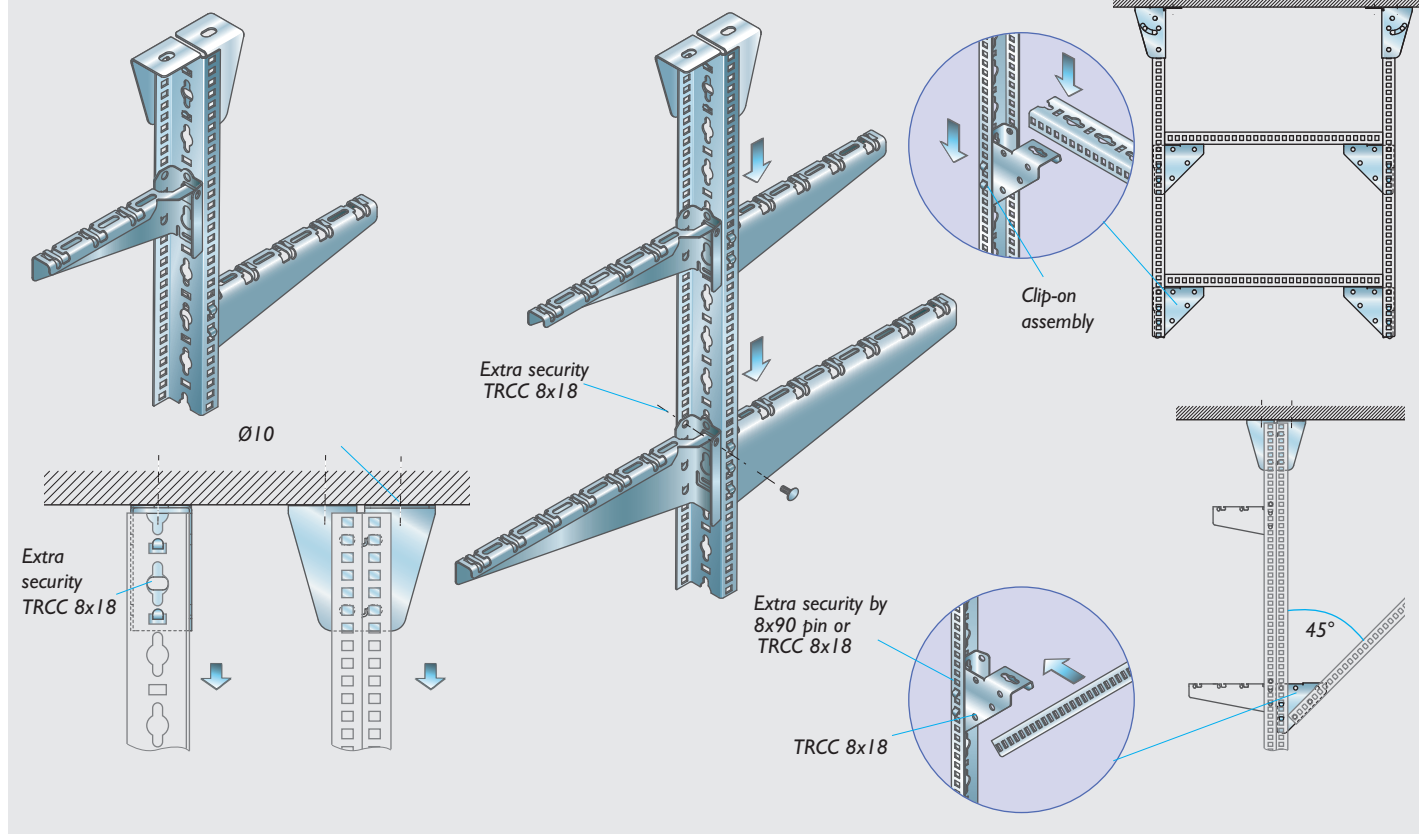
Z GUSSET

CLIP-ON CORNER BRACKET U

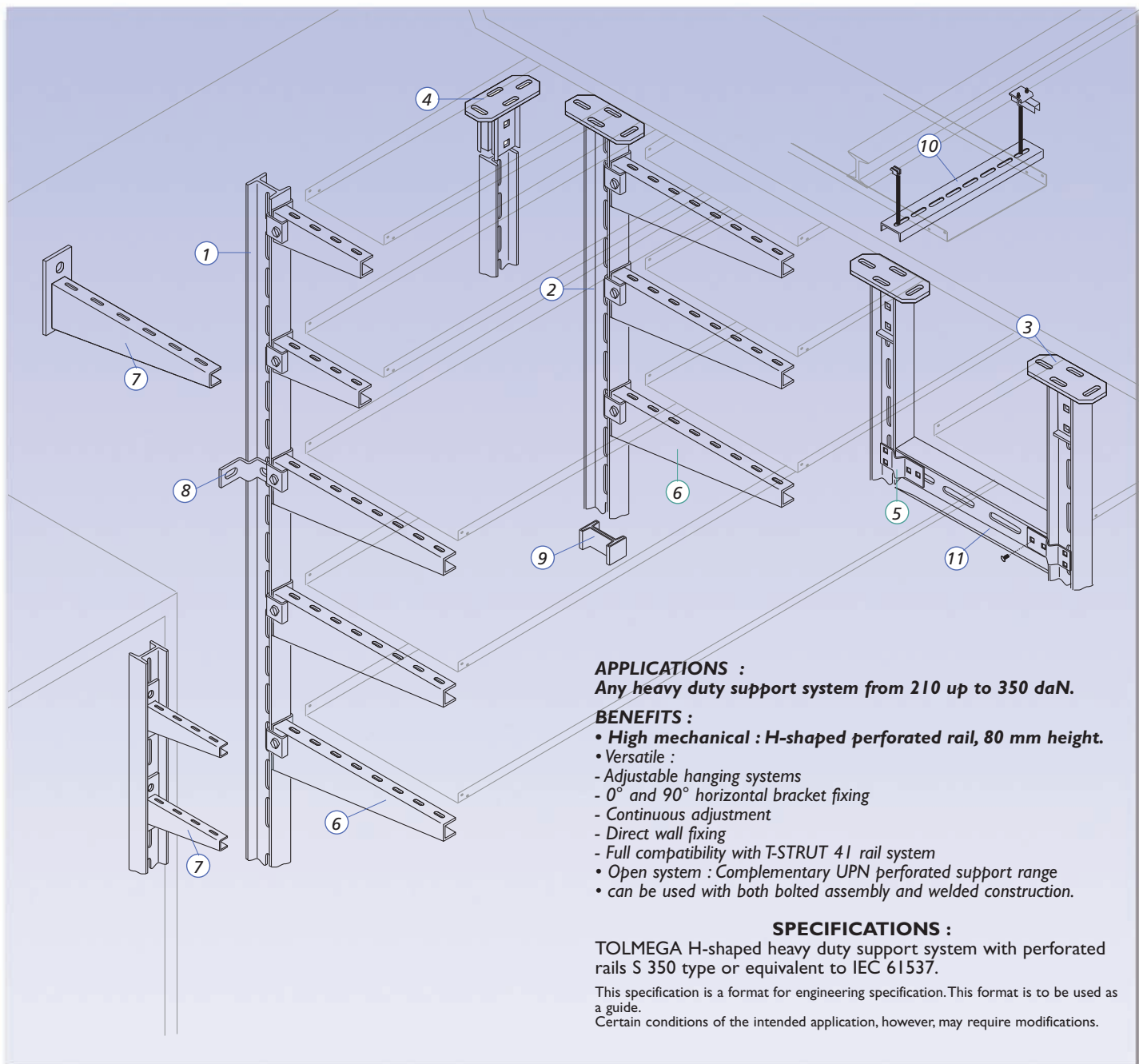


ASSEMBLY ON 500 Z CHANNEL FOR BRACKETS ≤ 300

ASSEMBLY ON 750 Z CHANNEL FOR BRACKETS ≥ 300

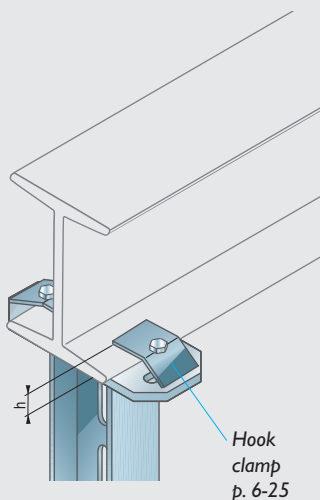
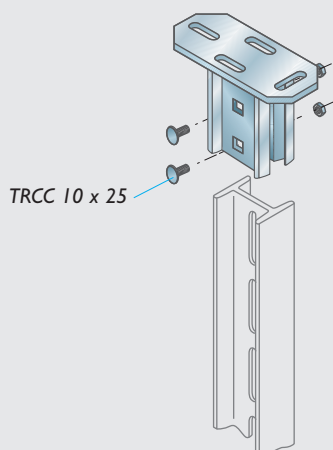
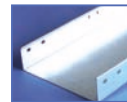
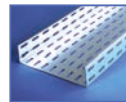


HEAVY duty S 350 support system

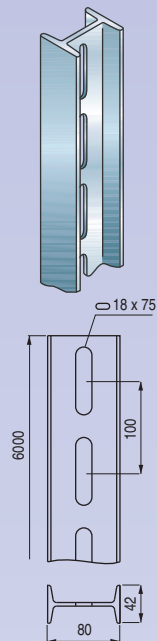


- | | |
|---|----------------------------|
| ① IPN | ⑥ S 350/1 brackets |
| ② Hanging system with welded head plate | ⑦ S 350/2 brackets |
| ③ Head plate to bolt | ⑧ S 2119 wall fixing clamp |
| ④ Adjustable head plate | ⑨ End cap |
| ⑤ Joining unit | ⑩ UPN perforated sections |

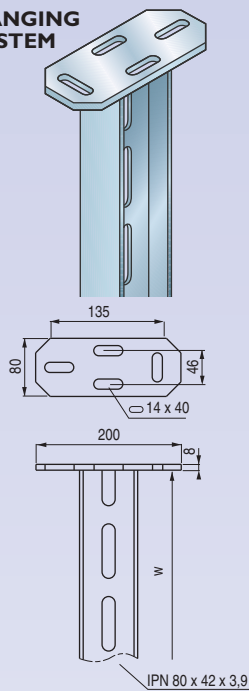
Heavy duty S 350 support system



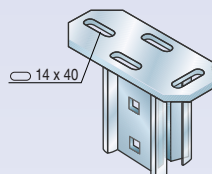
IPN 80



HANGING SYSTEM



HEAD PLATE



IPN 80

641NNN

HR

642NNN

HDG

w mm	Kg/m	Code	Code
3000	6,02	641020	642020
6000	6,02	641018	642018

HANGING SYSTEM

635NNN

HDG

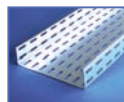
w mm	Kg/p	Code
500	4,45	635102
800	6,40	635105
1000	7,74	635107
1300	9,73	635110
1500	11,09	635112
2000	14,35	635117

HEAD PLATE

Type	 p	Kg/p	Code
Head plate	10	2,20	635118

Delivered with 2 TRCC 10 X 25 GEOMET

HEAVY DUTY S 350 support system



ADJUSTABLE HEAD PLATE AND SPLICE PLATE S 2163

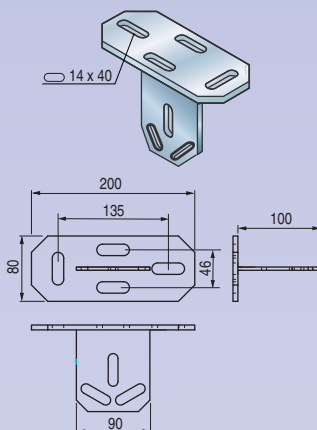
635NNN

HDG

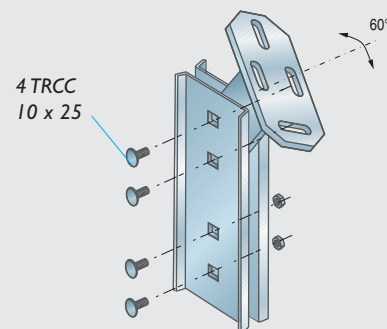
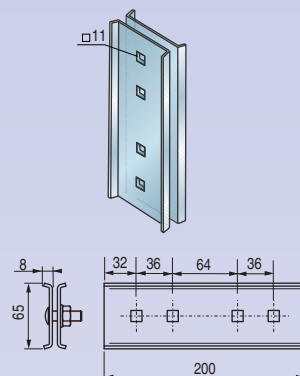
Type				Code
	p	Kg/p		
Adjustable head plate $\pm 60^\circ$	25	1,30		635131
Splice plate	25	0,90		635128
Adjustable head plate + Splice plate		2,00		635124

delivered by pair with 4 TRCC 10 X 25 GEOMET

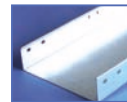
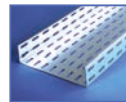
ADJUSTABLE HEAD PLATE



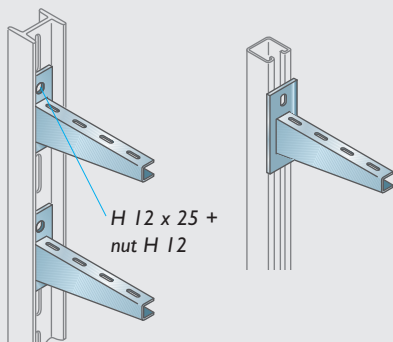
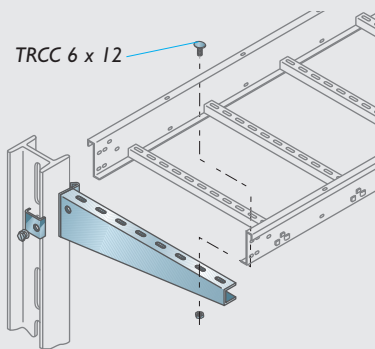
SPLICE PLATE S 2163



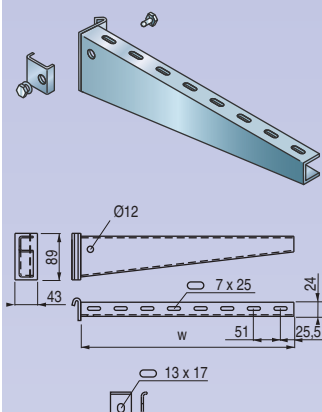
Heavy duty S 350 support system



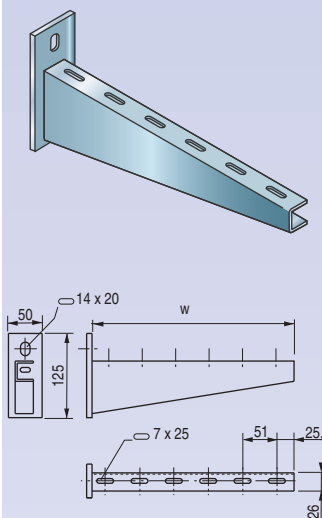
TRCC 6 x 12



S 350/1 BRACKET



S 350/2 BRACKET



S 350/1 BRACKET

635NNN

HDG

w mm	p	Kg/p	daN	Code
204	10	0,75	360	635001
306	10	0,88	325	635002
408	10	1,15	250	635003
510	10	1,40	245	635004
612	10	1,58	210	635005

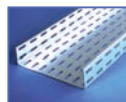
delivered with assembled clamp

S 350/2 BRACKET

204	10	0,84	360	635006
306	10	1,00	325	635007
408	10	1,25	250	635008
510	10	1,50	245	635009
612	10	1,70	210	635010

suitable on T. STRUT 41 channels

HEAVY DUTY S 350 support system



JOINING UNIT

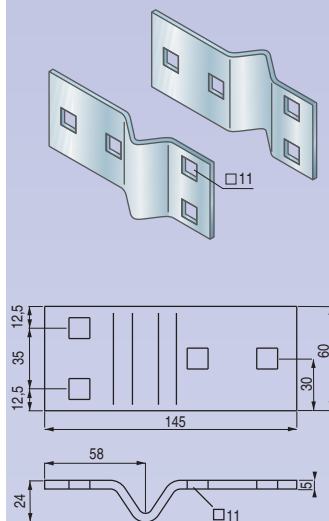
635NNN

HDG

Type				Code
	p	Kg/p		
Joined unit	25	1,01		635119

delivered with 4 TRCC 10 x 25 GEOMET

JOINED UNIT

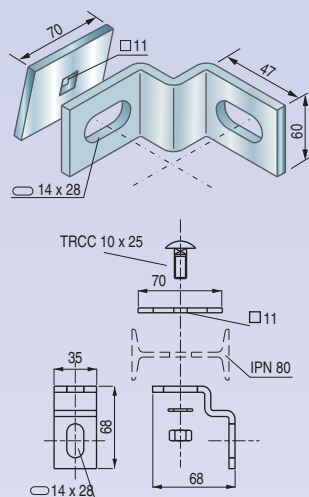


WALL FIXING CLAMP

Type				Code
	p	Kg/p		
Wall fixing clamp	25	0,20		635120

delivered with 1 TRCC 10 X 25 GEOMET

WALL FIXING CLAMP



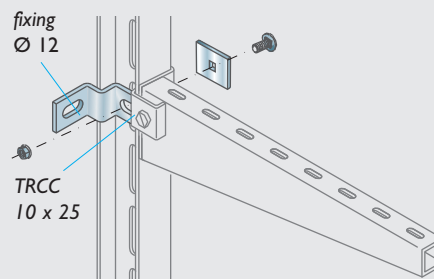
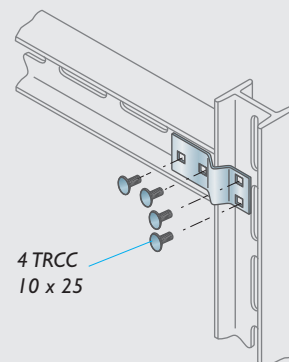
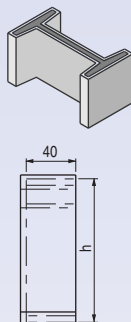
END CAP

640NNN

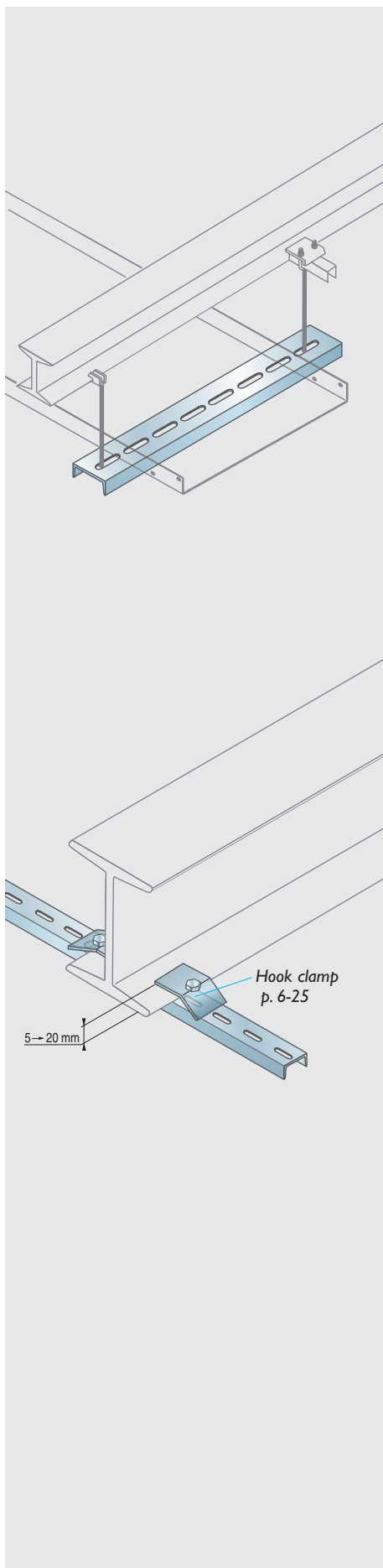
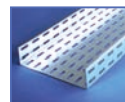
PVC Grey

End cap		0,036		640121
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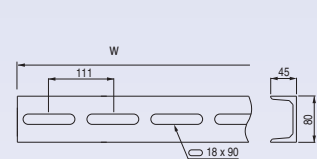
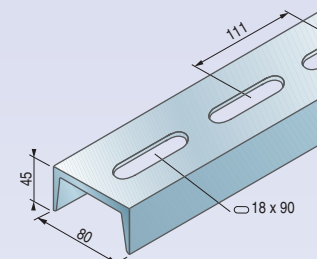
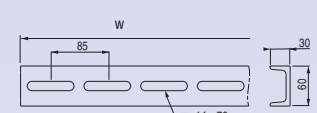
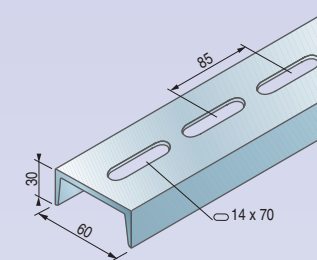
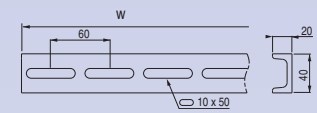
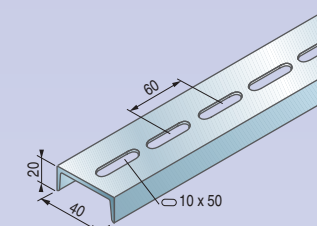
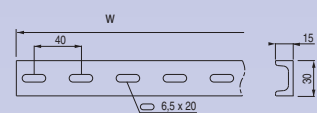
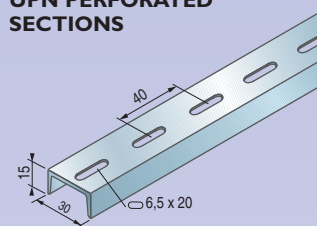
END CAP



UPN PERFORATED SECTIONS



UPN PERFORATED SECTIONS



UPN PERFORATED SECTIONS

641NNN

HR

642NNN

HDG

Type	Holes	Length	Thick.		Code	Code
	mm	m	mm	Kg/ml		
15x30x15	6,5x20	3	4	1,75	641006	642006
		6		1,75	641001	642001

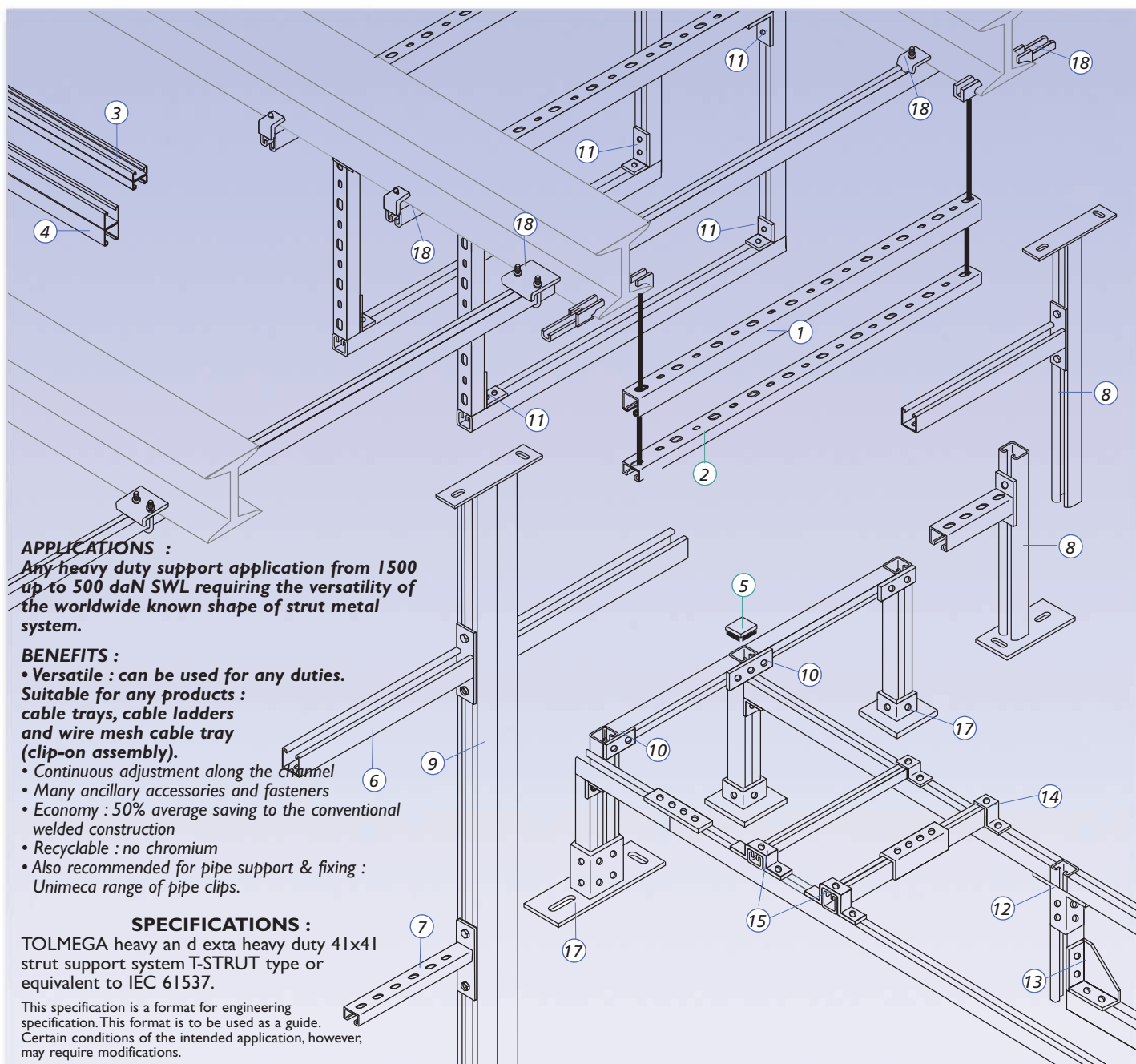
20x40x20	10x50	3	5	2,45	641003	642003
		6		2,45	641002	642002

30x60x30	14x70	3	6	4,75	641007	642007
		6		4,75	641004	642004

45x80x45	18x90	3	6	8,10	641008	642008
		6		8,10	641005	642005

HR : Hot rolled steel.
Suitable for welded metal framing work.

High duty T-STRUT 41 support system



APPLICATIONS :

Any heavy duty support application from 1500 up to 500 daN SWL requiring the versatility of the worldwide known shape of strut metal system.

BENEFITS :

• Versatile : can be used for any duties.

Suitable for any products :

cable trays, cable ladders and wire mesh cable tray (clip-on assembly).

- Continuous adjustment along the channel
- Many ancillary accessories and fasteners
- Economy : 50% average saving to the conventional welded construction
- Recyclable : no chromium
- Also recommended for pipe support & fixing : Unimeca range of pipe clips.

SPECIFICATIONS :

TOLMEGA heavy and extra heavy duty 41x41 strut support system T-STRUT type or equivalent to IEC 61537.

This specification is a format for engineering specification. This format is to be used as a guide. Certain conditions of the intended application, however, may require modifications.

① 41x41 channel - PS 210/230

② 41x21 channel - PS 500/530

③ Back to back channel - PS 531/501

④ Back to back channel - PS 231/211

⑤ End cap - PS 6154

⑥ Brackets - PS 651

⑦ Brackets - PS 641

⑧ Simple hanging system - PS 651

⑨ Two sided hanging system PS 809

⑩ Plate - PS 601/602/726

⑪ Angle - PS 604/606/607/726/718/786

⑫ 2 angles connection - PS 821

⑬ 4 holes shelf angle - PS 3363/608

⑭ Z - PS 611/928

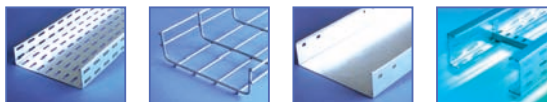
⑮ Ω - PS 613/929

⑯ U - PS 616

⑰ Post base - PS 3033/3064

⑱ Clamp system

EXTRA heavy duty T-STRUT 41 support system : CHANNELS



PS 500 / PS530

652NNN

G

653NNN

HDG

Type		Length m	Th. mm		Code	Code
PS 500 U	41x21	3	1,8	1,32	652005	653005
	perforated	6	1,8	1,32	652007	653007
PS 530 U	41x21	3	2,5	1,67	652009	653009
	perforated	6	2,5	1,67	652008	653008
PS 500	41x21	3	1,8	1,32	652037	653037
	non perforated	6	1,8	1,32	652027	653027
PS 530	41x21	3	2,5	2,50	652036	653036
	non perforated	6	2,5	2,50	652032	653032

PS 210 / PS230

PS 210 U	41x41	3	1,8	1,89	652001	653001
	perforated	6	1,8	1,89	652003	653003
PS 230 U	41x41	3	2,5	2,47	652002	653002
	perforated	6	2,5	2,47	652004	653004
PS 210	41x41	3	1,8	1,89	652020	653020
	non perforated	6	1,8	1,89	652038	653038
PS 230	41x41	3	2,5	2,63	652033	653033
	non perforated	6	2,5	2,63	652015	653015

PS 210 E

400NNN

G

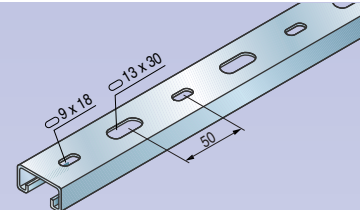
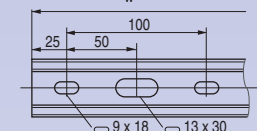
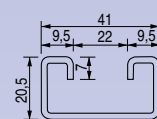
548NNN

HDG

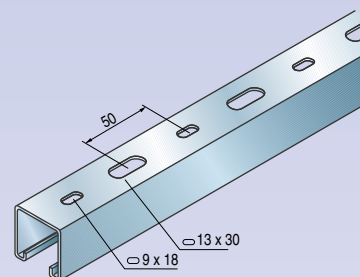
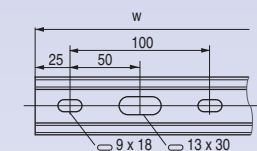
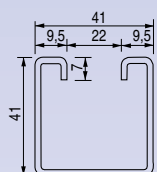
Type	Length m	Th. mm	Code	Code
PS 210 E	3	1,89	400085	548085

656NNN
316 L

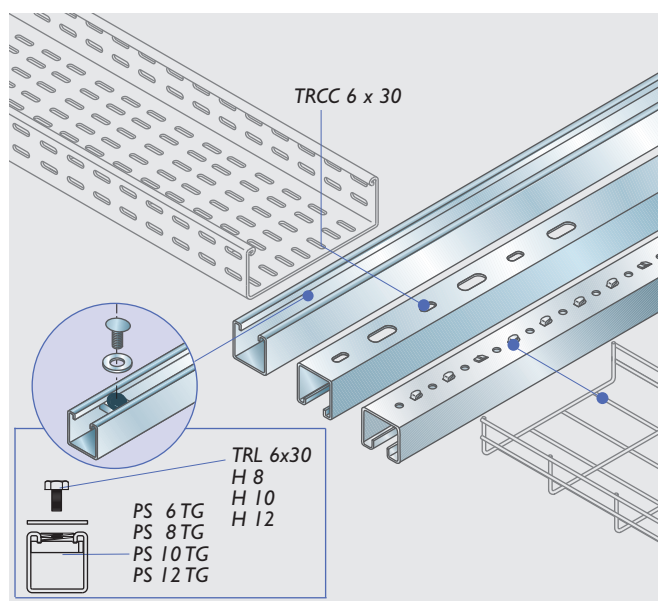
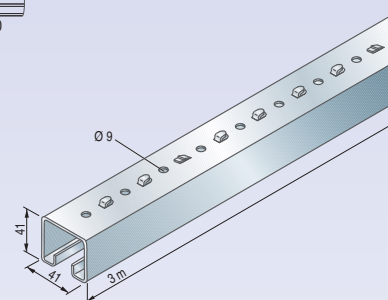
41 x 21



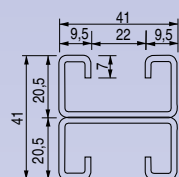
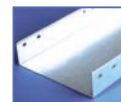
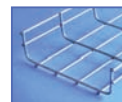
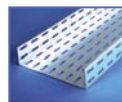
41 x 41



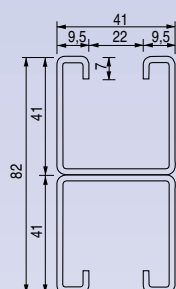
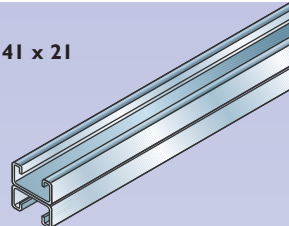
PS 210 E



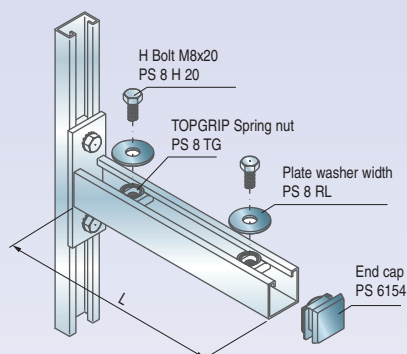
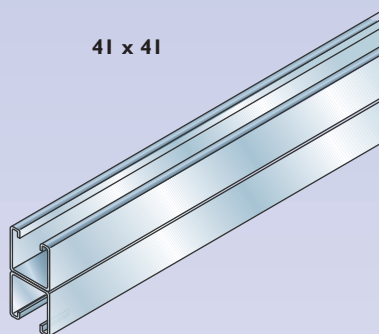
EXTRA heavy duty T-STRUT 41 support system : CHANNELS



41 x 21



41 x 41



PS 501 / PS531

652NNN

G

653NNN

HDG

Type	Length m	Th. mm	Kg/m	Code	Code
PS 501	41x21	3	1,8	652019	653019
	back to back	6	1,8	652034	653034
PS 531	41x21	3	2,5	652023	653023
	back to back	6	2,5	652022	653022

PS 211 / PS231

PS 211	41x41	3	1,8	3,78	652010	653010
	back to back	6	1,8	3,78	652035	653035
PS 231	41x41	3	2,5	4,94	652016	653016
	back to back	6	2,5	4,94	652014	653014

656NNN

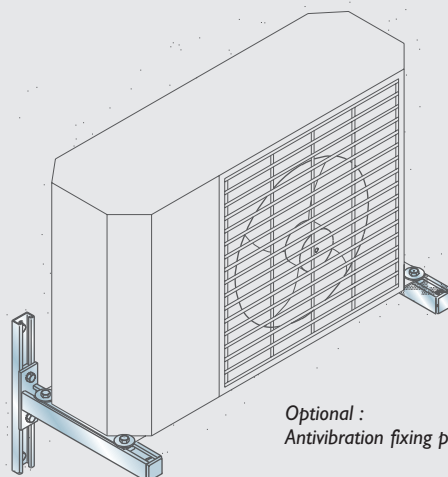
316 L

AIR CONDITIONNING SUPPORT SET

205NNN

HDG

Typ	L mm	Kg/p	daN	Code
PSCL 400	400	4,90	360	205240
PSCL 600	600	5,50	260	205241



Optional :
Antivibration fixing p. 10-3

EXTRA heavy duty T-STRUT 41 support system : BRACKETS

PS 837

677NNN

G

678NNN

HDG

Type	w mm	H m	↓ daN	↑ p	Kg/ p	Code	Code
PS 837-10	100	75	150	20	0,20	677202	678202
PS 837-20	200	75	150	20	0,36	677205	678205
PS 837-30	300	87	150	20	0,55	677207	678207
PS 837-40	400	87	150	20	0,72	677209	678209

Mounting on channel or wall

UF 51 BRACKET

553NNN

HDG

UF 51-15	150	900	10	0,58	553074
UF 51-20	200	500	10	0,68	553075
UF 51-30	300	350	10	0,90	553076
UF 51-40	400	300	10	1,10	553077
UF 51-50	500	250	10	1,30	553078
UF 51-60	600	250	10	1,50	553079

Suitable for UNIFIL Basket tray range

PS 651 : 41 X 41 BRACKET

677NNN

EZ

678NNN

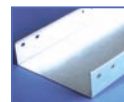
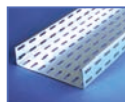
HDG

PS 651-15	194	900	10	0,58	677073	678073
PS 651-20	244	500	10	0,68	677122	678122
PS 651-30	344	350	10	0,90	677072	678072
PS 651-40	444	300	10	1,10	677092	678092
PS 651-50	544	250	10	1,30	677126	678126
PS 651-60	644	250	10	1,50	677070	678070
PS 651-70	744					
PS 651-80	844					
PS 651-90	944					

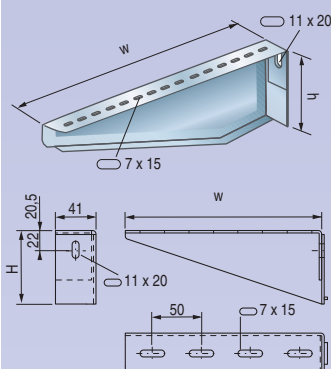
on request

PS 641 : 41 X 21 BRACKET

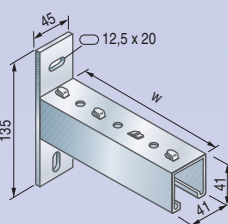
PS 641-15	194	260	10	0,29	677142	678142
PS 641-20	244	240	10	0,35	677143	678143
PS 641-30	344	120	10	0,47	677145	678145
PS 641-40	444	70	10	0,60	677147	678147



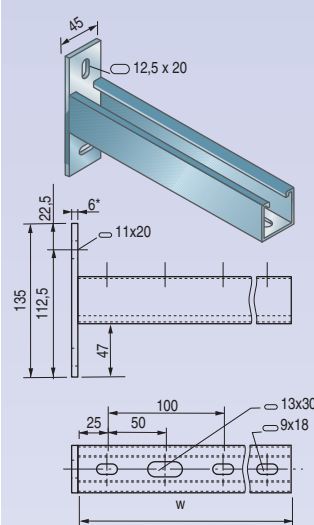
PS 837



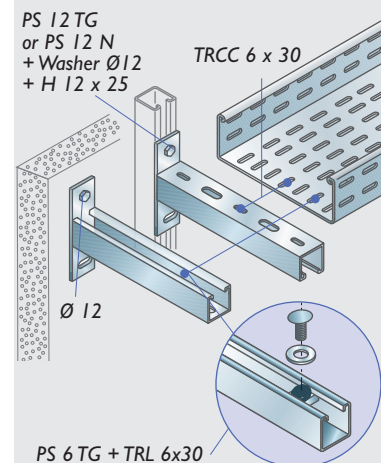
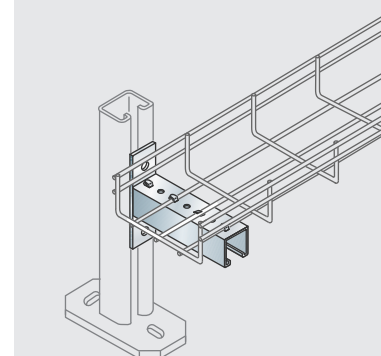
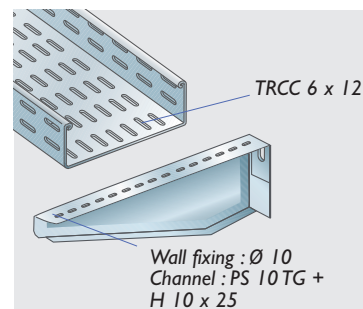
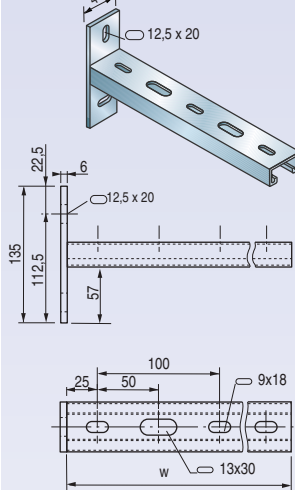
UF 51



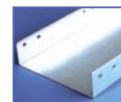
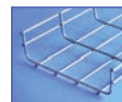
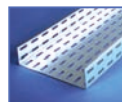
PS 651



PS 641

685NNN
316 L

EXTRA heavy duty T-STRUT 41 support system : BRACKETS



678NNN

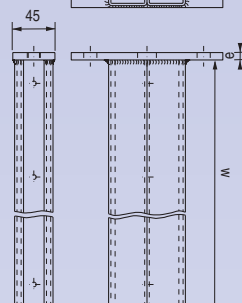
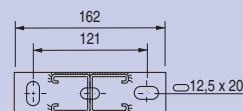
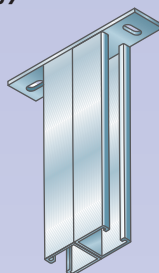
HDG

PS 809: TWO SIDED HANGING SYSTEM

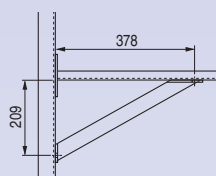
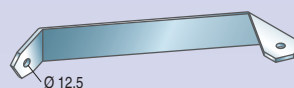
Type	w mm	daN	p	Kg/ p	Code
PS 809-30	350	1200	1	1,85	678128
PS 809-45	500	700	1	2,60	678129
PS 809-60	650	550	1	3,30	678130
PS 809-75	800	400	1	4,05	678131
PS 809-90	950	350	1	4,80	678132
PS 809-100	1050				
PS 809-150	1550				
PS 809-200	2050			on request	
PS 809-250	2550				
PS 809-300	3050				

also used as reinforced bracket

PS 809



REVERSIBLE TIGHTENER FOR PS 651



REVERSIBLE TIGHTENER FOR PS 651

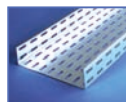
Type	For	daN	Kg/p	Code
Tightener	PS 651-40	450	0,80	678125
	PS 651-50	350		
	PS 651-60	350		

685NNN

316 L

Other products on customer's requirements :
please consult us

EXTRA heavy duty T-STRUT 41 support system : ACCESSORIES



PS 610: 41 WASHER

648NNN

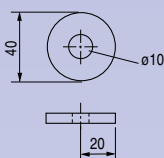
EZ

651NNN

HDG

Type		p	Kg/p	Code	Code
PS 610	100	2,50	648138	651138	

PS 610



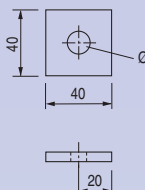
PS 621: 41 SQUARE

678NNN

HDG

Type	Ø mm		p	Kg/p	Code
PS 621-8	8	100	0,07	678134	
PS 621-10	10	100	0,07	678301	
PS 621-12	12	100	0,07	678300	

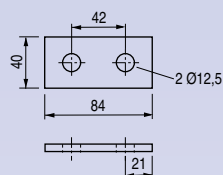
PS 621



PS 601: 41 FLAT / 2 HOLES

Type		p	Kg/p	Code
PS 601	50	0,15	678002	

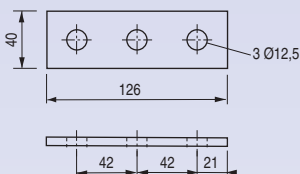
PS 601



PS 602: 41 FLAT / 3 HOLES

PS 602	50	0,20	678001	
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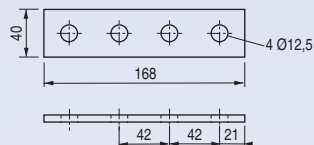
PS 602



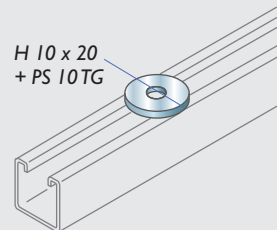
PS 723: 41 FLAT / 4 HOLES

PS 723	25	0,24	678003	
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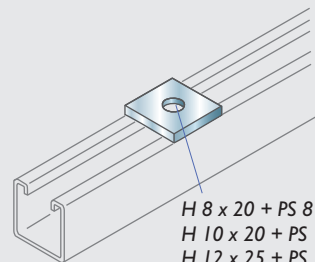
PS 723



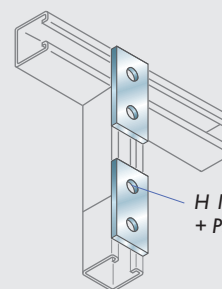
H 10 x 20
+ PS 10TG



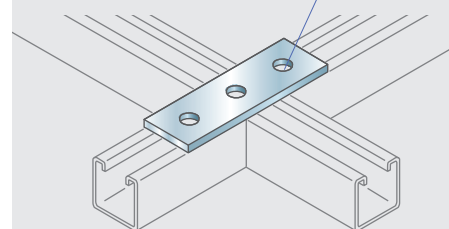
H 8 x 20 + PS 8TG
H 10 x 20 + PS 10TG
H 12 x 25 + PS 12TG



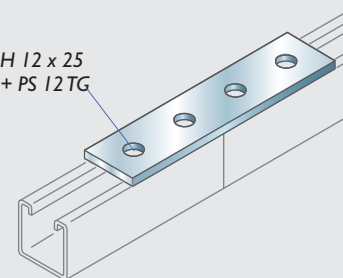
H 12 x 25
+ PS 12TG



H 12 x 25
+ PS 12TG

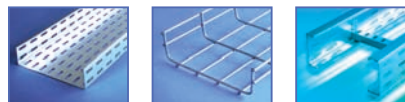


H 12 x 25
+ PS 12TG



685NNN
316 L

EXTRA heavy duty T-STRUT 41 support system : ACCESSORIES



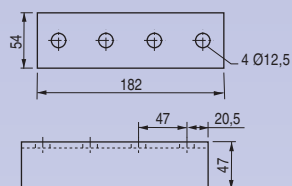
678NNN

HDG

PS 616

PS 616 : 41 x 41 4 HOLES COUPLER

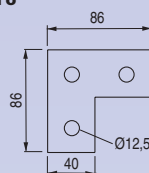
Type		Kg/p	Code
PS 616	10	1,01	678051



PS 718

PS 718: 3 HOLES FLAT ANGLE

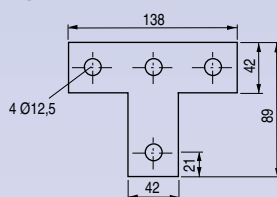
PS 718	25	0,20	678021
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PS 714

PS 714: 4 HOLES FLAT ANGLE

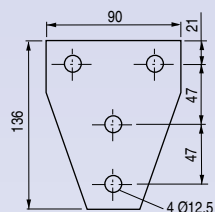
PS 714	25	0,34	678023
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PS 747

PS 747: 4 HOLES SYMETRICAL PLATE

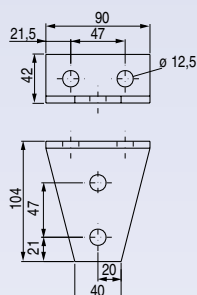
PS 747	25	0,43	678024
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PS 748

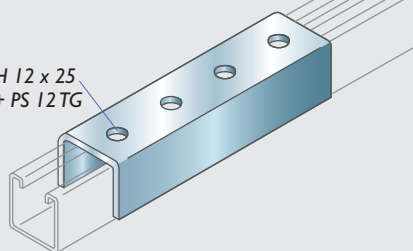
PS 748: 4 HOLES SHELF ANGLE

PS 748	25	0,43	678043
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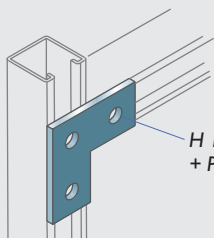


685NNN
316 L

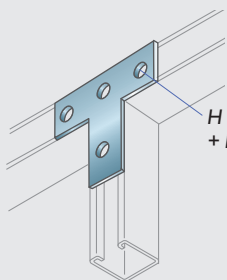
H 12 x 25
+ PS 12TG



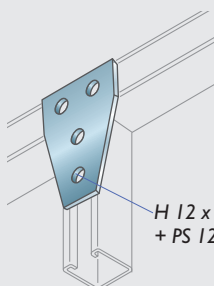
H 12 x 25
+ PS 12TG



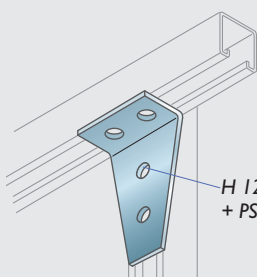
H 12 x 25
+ PS 12TG



H 12 x 25
+ PS 12TG



H 12 x 25
+ PS 12TG



EXTRA heavy duty T-STRUT 41 support system : ACCESSORIES



PS 604: 2 HOLES ANGLE

678NNN
HDG

Type		Kg/p	Code
PS 604	25	0,13	678032

PS 606: 3 HOLES ANGLE

PS 606	25	0,21	678035
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PS 611: ZED 41

PS 611	25	0,23	678027
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PS 928: ZED 21

PS 928	25	0,19	678150
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PS 607 : 4 HOLES ANGLE

PS 607	25	0,26	678037
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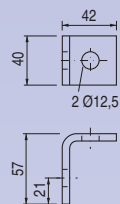
PS 786 : FLAT 41 / 135° - 4 HOLES

PS 786	25	0,26	678203
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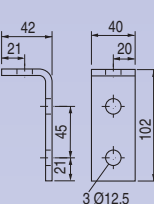
PS 3363 : 4 HOLES SHELF ANGLES

PS 3363	25	0,60	678136
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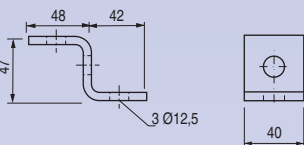
PS 604



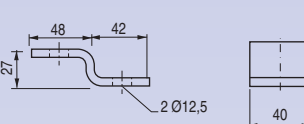
PS 606



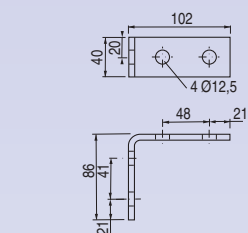
PS 611



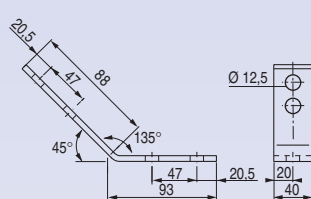
PS 928



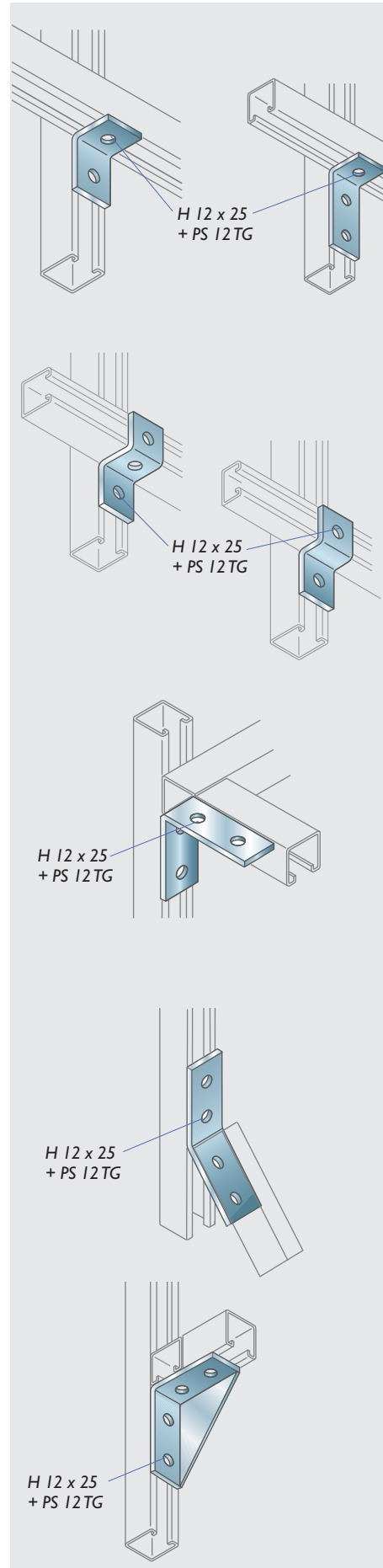
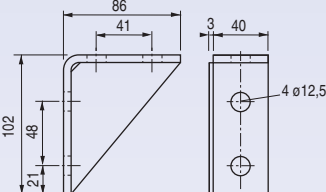
PS 607



PS 786

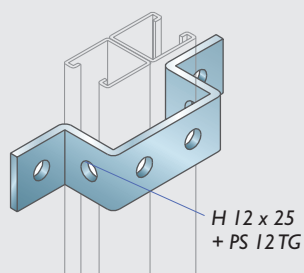
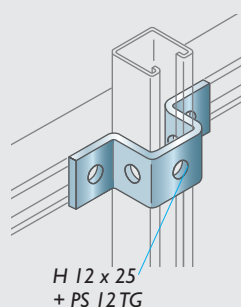
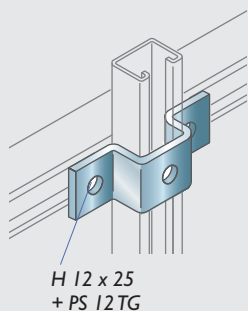
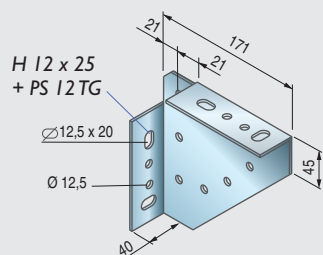
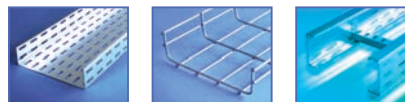


PS 3363

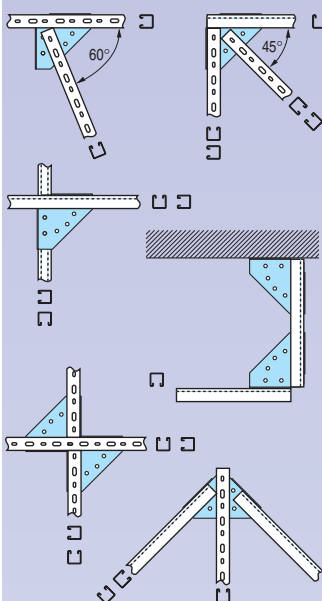


685NNN
316 L

EXTRA heavy duty T-STRUT 41 support system : ACCESSORIES



PS 608

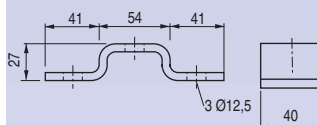


PS 608 : UNIVERSAL BRACKET

678NNN
HDG

Type	 p	Kg/p	Code
PS 608	25	1,15	678100

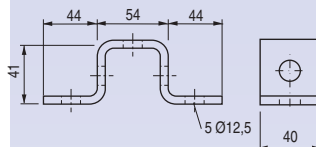
PS 929



PS 929 : 41 x 21 U SUPPORT

PS 929	25	0,25	678149
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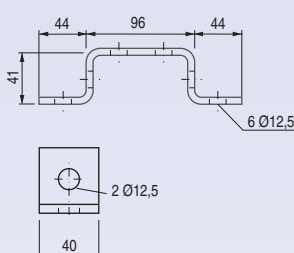
PS 613



PS 613 : 41 x 41 U SUPPORT

PS 613	25	0,30	678046
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PS 721



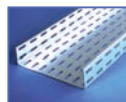
PS 721 : 41 DOUBLE U SUPPORT

PS 721	10	0,43	678048
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OTHER ACCESSORIES ON REQUEST

685NNN
316 L

EXTRA heavy duty T-STRUT 41 support system : ACCESSORIES



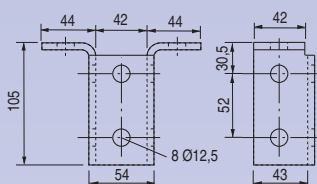
PS 821 : 8 HOLES 2 ANGLES CONNECTION

678NNN

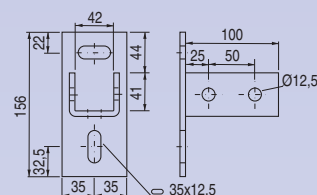
HDG

Type			Code
	p	Kg/p	
PS 821	10	0,70	678061

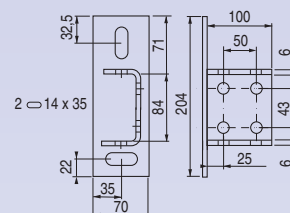
PS 821



PS 3033



PS 3064



PS 3033 : SIMPLE POST BASE

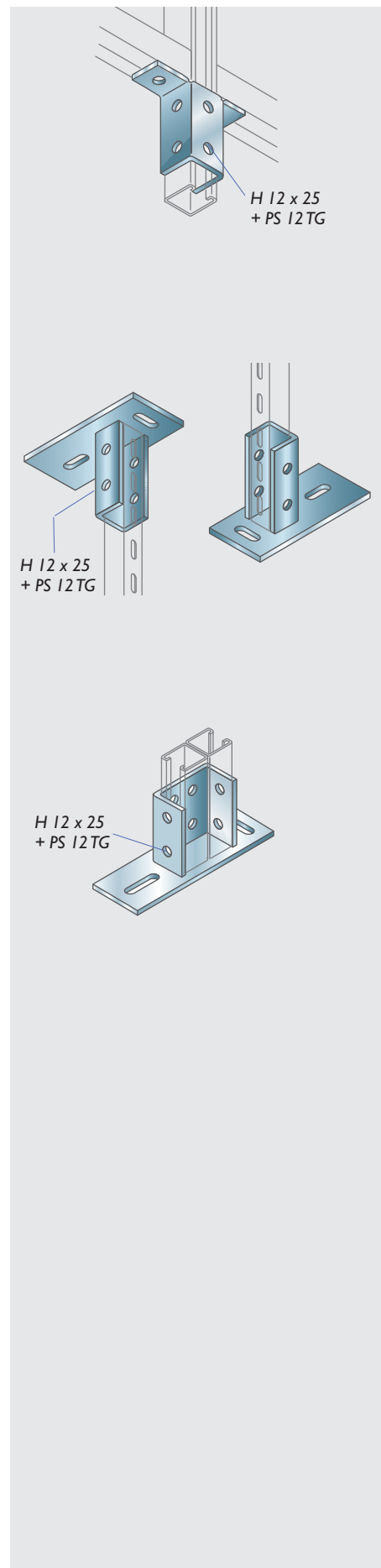
PS 3033	10	1,20	678063
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Suitable for bracket or hanging system

PS 3064 : DOUBLE POST BASE

PS 3064	10	1,62	678064
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Suitable for bracket or hanging system

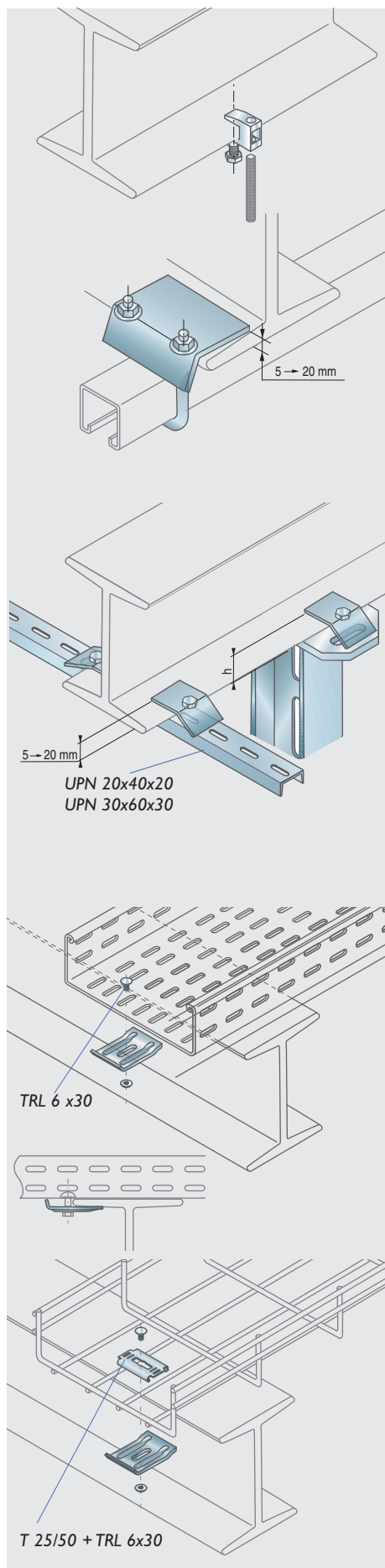
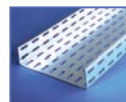


OTHER ACCESSORIES ON REQUEST

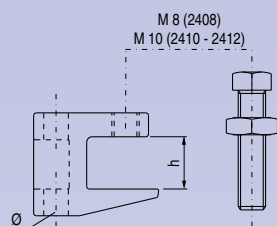
685NNN

316 L

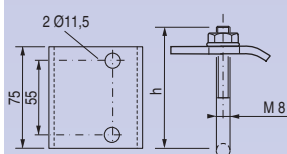
Clamps for METAL FRAME WORK



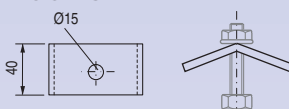
PS 2408 / PS 2410 / PS 2412



PS 2651 - 52 - 53 for thickness from 5 to 20 mm

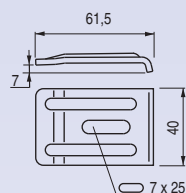


HOOK CLAMP



Assembly with HM 12 bolt
Plan bolt HM 12x50 or 10x50
+ nut Ø 12-10.

SL CLAMP



PS 2408 - 2410 - 2412 : CLAMP

678NNN

EZ

Type	Ø mm	h mm	 p	Kg/p	Code
PS 2408	9	18	25	0,08	678302
PS 2410	11	20	25	0,14	678233
PS 2412	13	26	25	0,22	678377

PS 2652 - 2651 : CLAMP WITH U BOLT

678NNN

HDG

Type	For channel ± 10 mm	h mm	 p	Kg/p	Code
PS 2651	PS 211 PS 231	140	25	0,36	678083
PS 2652	PS 210 PS 230 PS 501 PS 531	100	25	0,35	678084
PS 2653	PS 500 PS 530	70	25	0,35	678229

HOOK CLAMP

678NNN

HDG

Type	h for thickness	 p	Kg/p	Code
Hook clamp	5 to 20 mm	25	0,18	678240

685NNN

316 L

SL CLAMP

578NNN

G

579NNN

HDG

Type	 p	Kg/p	Code	Code
SL clamp	100	0,03	578906	579906

582NNN

316 L

Clamps for metal frame work



PS 686 : HOOK CLAMP + BOLTS

678NNN

HDG

Type	L mm	h mm	 p	Kg/p	Code
10 PIECES PACKED WITH BOLTS					
PS 686/S	50	5 - 10	5	0,19	205042
PS 686-0/S	50	10 - 15	5	0,19	205043

Delivered with : Ø 10x50 rod (PS 686/S), Ø 10x70 rod (PS 686-0/S)
+ PS 10 N + M 10 nut.

HOOK CLAMP

PS 686	60	5 - 15	25	0,11	678082
PS 686-0	60	15 - 25	25	0,15	678378
PS 686-1	70	25 - 35	25	0,19	678238

Order separately : Topgrip PS 12 TG + H 12x25. (p.8-1).

685NNN

INOX 316

PS 2753 - 2754 - 2755 PS 2756 : CLAMP

677NNN

EZ

Type	L mm	A mm	B mm	C mm	Ø mm	 daN	 p	Kg/p	Code
PS 2753	195	40	20	8	10	200	25	0,25	677181
PS 2754	195	145	125	8	10	300	25	0,30	677186
PS 2755	320	90	45	16	12	350	25	0,60	677182
PS 2756	320	255	200	16	12	500	25	0,75	677183

PS 9075

678NNN

HDG

Type	 p	Kg/p	Code
PS 9075	50	0,15	678086

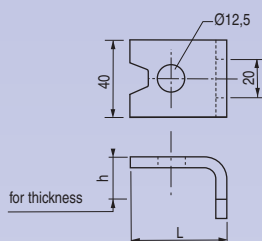
685NNN

316 L

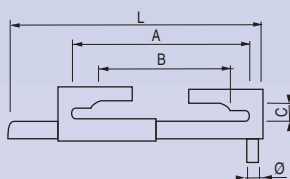
684NNN

304 L

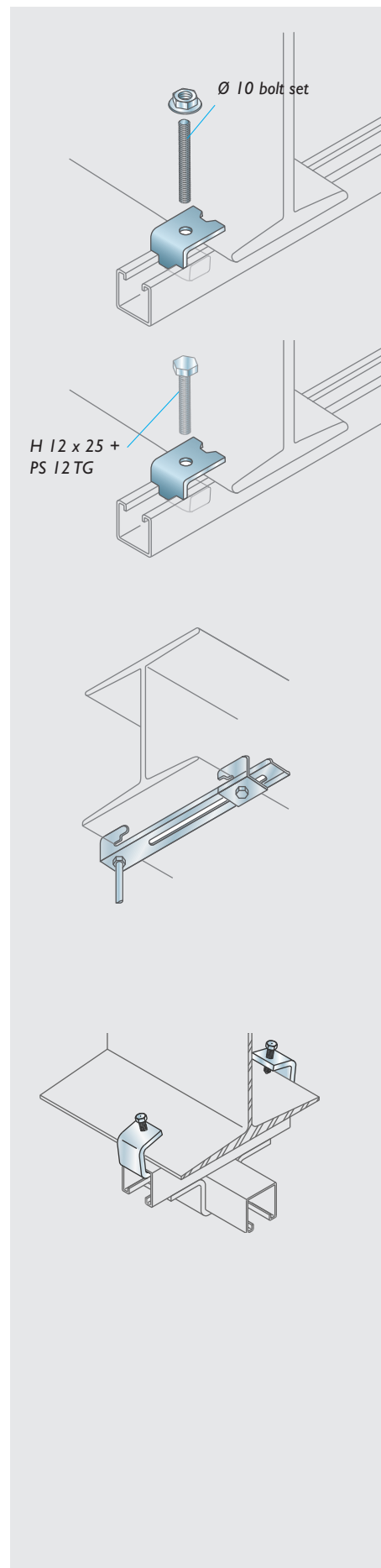
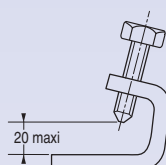
PS 686



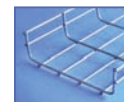
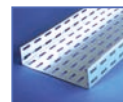
PS 2753 / PS 2754 PS 2755 / PS 2756



PS 9075



Medium duty JUNIOR support system



APPLICATIONS :

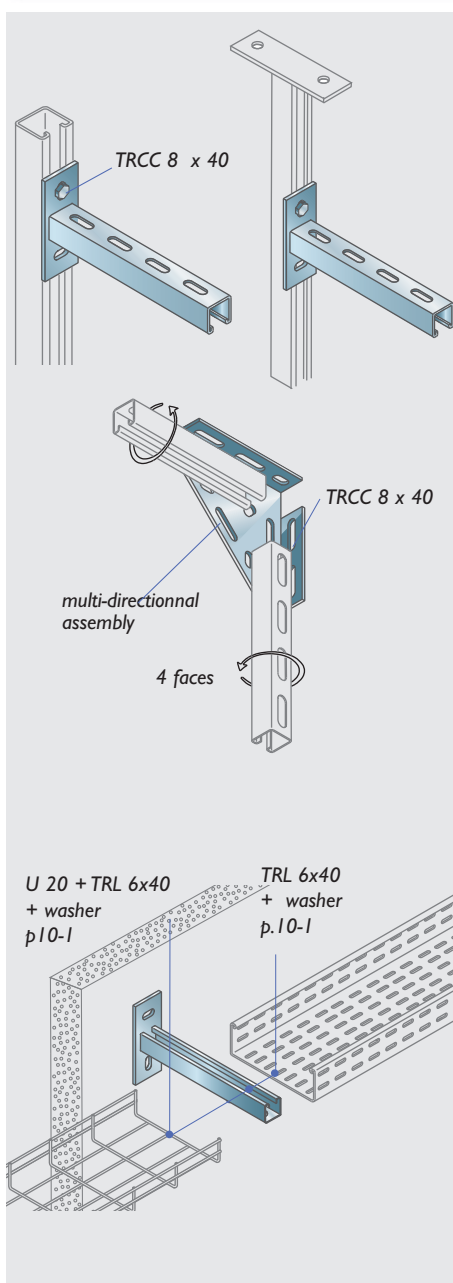
Any medium duty application requiring economy and versatility.

BENEFITS :

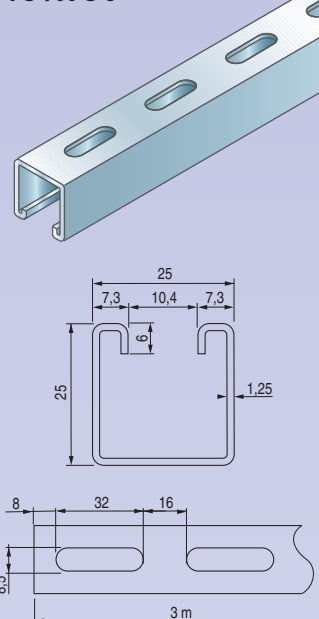
- Economy, versatility : 5 items for all configurations of installations.
- High strength to price ratio : SWL up to 150 kg.
- Continuous adjustment along the channel.
- No special tools required.
- Free assembly in any direction : 4 sides fixing rail and special bracket to unsettled angles.
- Recyclable : no chromium.

SPECIFICATIONS :

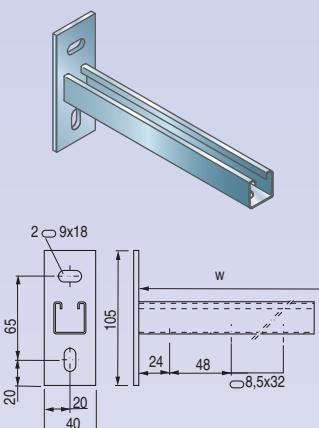
TOLMEGA medium duty 25 x 25 strut support system, Junior-type or equivalent according to CEI 61537. This specification is a format for engineering specification. This format is to be used as a guide. Certain conditions of the intended application, however, may require modifications.



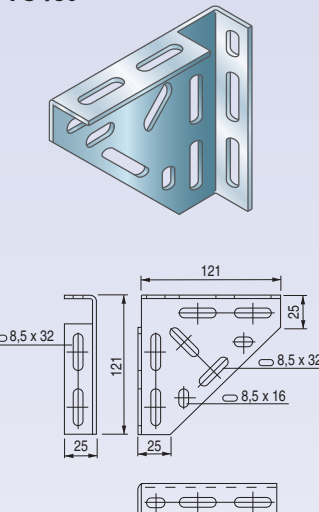
PS 900 S-8



PS 631



PS 950



TMG 25 : CHANNEL PS 900 S-8

652NNN

G

653NNN

HDG

Type	L mm	Kg/ml	Code	Code
PS 900 S-8	12 x 3 M	0,81	652024	653024
PS 900 S-8	12 x 2 M	0,81	652028	653028

PS 631 BRACKET

205NNN

EZ

678NNN

HDG

Type	L			Code	Code	
	mm	daN	p			Kg/p
PS 631-15	150	150	10	0,24	677379	678379
PS 631-20	200	150	10	0,28	677380	678380
PS 631-25	250	150	10	0,32	677381	678381
PS 631-30	300	150	10	0,36	677382	678382

also assembly on 41 channel

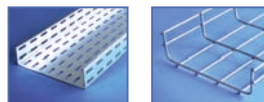
PS 950 : MULTI- ANGLE

677NNN

G

Type	 p	Kg/p	Code
PS 950	10	0.45	677235

MEDIUM DUTY JUNIOR support system



PS 960: WALL FASTENER

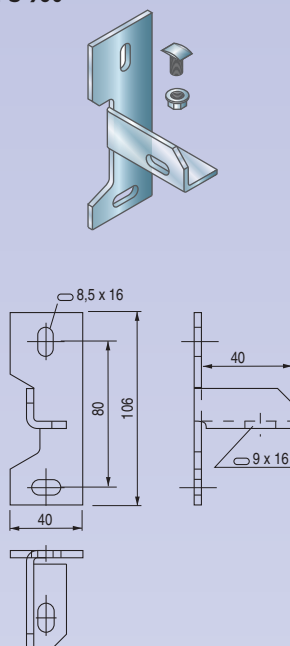
677NNN

G

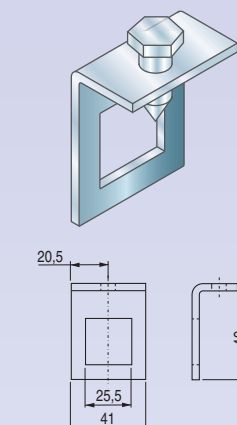
Typ	p	Kg/p	Code
PS 960	20	0,29	677236

delivered with bolt.

PS 960



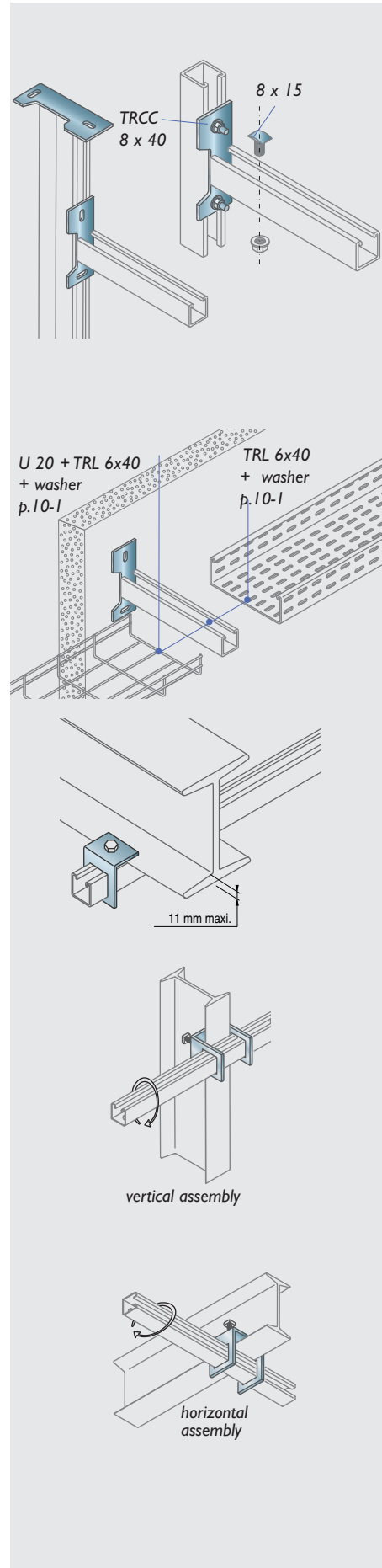
PS 980



PS 980: CLAMP

PS 980	20	0,08	677237
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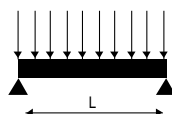
HDG accessories on request





MECHANICALS, T-STRUT 41 AND JUNIOR RANGES

DISTRIBUTED LOAD ON 2 SUPPORTS



Recommended load. Conditions: 1/100 span maximum deflection. / Stress 160 N/mm² / elasticity limit: 21000 N/mm²

Span mm	PS 900 S8 25 x 25 x 1,25 PERFORATED	PS 500 U 41 x 21 x 1,8 PERFORATED	PS 530 U 41 x 21 x 2,5 PERFORATED	PS 500 41 x 21 x 1,8 NON PERFORATED	PS 530 41 x 21 x 2,5 NON PERFORATED	PS 210 U 41 x 41 x 1,8 PERFORATED	PS 230 U 41 x 41 x 2,5 PERFORATED	PS 210 41 x 41 x 1,8 NON PERFORATED	PS 230 41 x 41 x 2,5 NON PERFORATED	PS 501 41 x 21 x 1,8 BACK TO BACK	PS 531 41 x 21 x 2,5 BACK TO BACK	PS 211 41 x 41 x 1,8 BACK TO BACK	PS 231 41 x 41 x 2,5 BACK TO BACK
500	162	200	254	215	273	589	782	630	837	570	754	1727	2344
750	88	96	123	114	146	393	521	420	558	380	502	1151	1563
1000	49	54	69	64	83	295	391	315	419	285	377	864	1172
1250	32	35	44	41	52	198	265	230	308	188	249	691	938
1500	22	24	31	29	37	138	184	160	214	131	173	576	781
1750	16	18	23	21	27	101	135	117	157	96	127	493	670
2000	12	14	17	16	21	77	103	90	120	74	97	432	586
2250		11	14	13	16	61	82	71	95	58	77	353	478
2500		9	11	10	13	50	66	57	77	47	62	286	388
2750		7	9	9	11	41	55	47	64	39	51	236	320
3000		6	8	7	9	34	46	40	53	33	43	198	269

LOADING CONDITIONS ON CHANNELS AND BRACKETS

Please use the k factors as indicated.

LOADING CONDITIONS AND SUPPORT								
• k : 1,00 • k : 1,00	• k : 0,50 • k : 0,50	• k : 0,75 • k : 0,75	• k : 0,75 • k : 0,75	• k : 1,00 • k : 1,00	• k : 0,12 • k : 0,12	• k : 0,66 • k : 0,66	• k : 0,25 • k : 0,25	• k : 0,25 • k : 0,25

MECHANICALS

Range	Channel	Dimensions mm	Description	Thickness mm	Area of Section mm ²	Moment of inertia		Modulus of inertia	
						Ix mm ⁴	Iy mm ⁴	Ix /V mm ³	Iy /V mm ³
JUNIOR T-STRUT 41	PS 900 S8	25 x 25	perforated	1,25	99,4	7637	10572	634	846
	PS 500 U	41 x 21	perforated	1,8	173,3	8395	40760	783	1988
	PS 530 U	41 x 21	perforated	2,5	238,7	10736	54709	993	2669
	PS 500	41 x 21	non perforated	1,8	173,3	9967	41080	838	2004
	PS 530	41 x 21	non perforated	2,5	238,7	12755	55167	1066	2691
	PS 210 U	41 x 41	perforated	1,8	245,1	47999	68412	2302	3337
	PS 230 U	41 x 41	perforated	2,5	341,2	64128	92745	3054	4524
	PS 210	41 x 41	non perforated	1,8	245,1	55675	68732	2459	3353
	PS 230	41 x 41	non perforated	2,5	341,2	74486	93203	3270	4546
	PS 501	41 x 21	back to back	1,8	346,6	45618	82160	2225	4008
	PS 531	41 x 21	back to back	2,5	477,5	60359	110333	2944	5382
	PS 211	41 x 41	back to back	1,8	490,1	276625	137464	6747	6706
	PS 231	41 x 41	back to back	2,5	682,5	375453	186406	9157	9093