

# Handles

TESA

ASSA ABLOY



# All the possibilities to dress doors in an exclusive way



A handle can completely change the look of a building. Choosing the right handle can influence countless parameters: functionality, aesthetics, durability... This is why [TESA](#) presents a wide range of handles for the institutional

market (stainless, aluminium) and for residential applications, fire resistant doors and aluminium profiles. A range in which you will find the model that best fits with each project.

## A wide range of handles

TESA has created a very wide range of handles. In the residential range we still find TESA's classic handles such as Barcelona, Delta, Hermes, etc. But there's also a Brass range (SOLID) with various designs and finishes, specifically designed to adapt to the needs and demands of a great variety of users. TESA has also made progress on the institutional range, with two new ranges in stainless steel: AISI 304 and AISI 316L, with a wide range of handles. TESA has also created an artistic institutional design range, so far called MARE.



## Quality institutional range

TESA has two ranges in stainless steel: St. steel 304 and 316L. The first one is aimed basically at offices and institutional buildings with standard applications. And the handles with an St. steel AISI 316L finish are basically aimed at high traffic institutional and commercial buildings subject to extreme conditions. They are suitable for many different solutions: RF doors, panic exit devices, fire doors, etc.



## Design handles: high range: MARE

TESA also believes strongly in artistic handles with a modern design, while at the same time creating an institutional product. Nowadays TESA is manufacturing the MARE handle, designed by Ricardo Bofill and Marta Vilallonga, which is a combination of beauty and functionality.



## Residential: quality guarantee for the "solid" range

With a view to maintain its leadership, TESA has given a five-year warranty to the SOLID residential range. Because we trust our product and processes, we can offer the market a standard warranty and corrosion resistance.



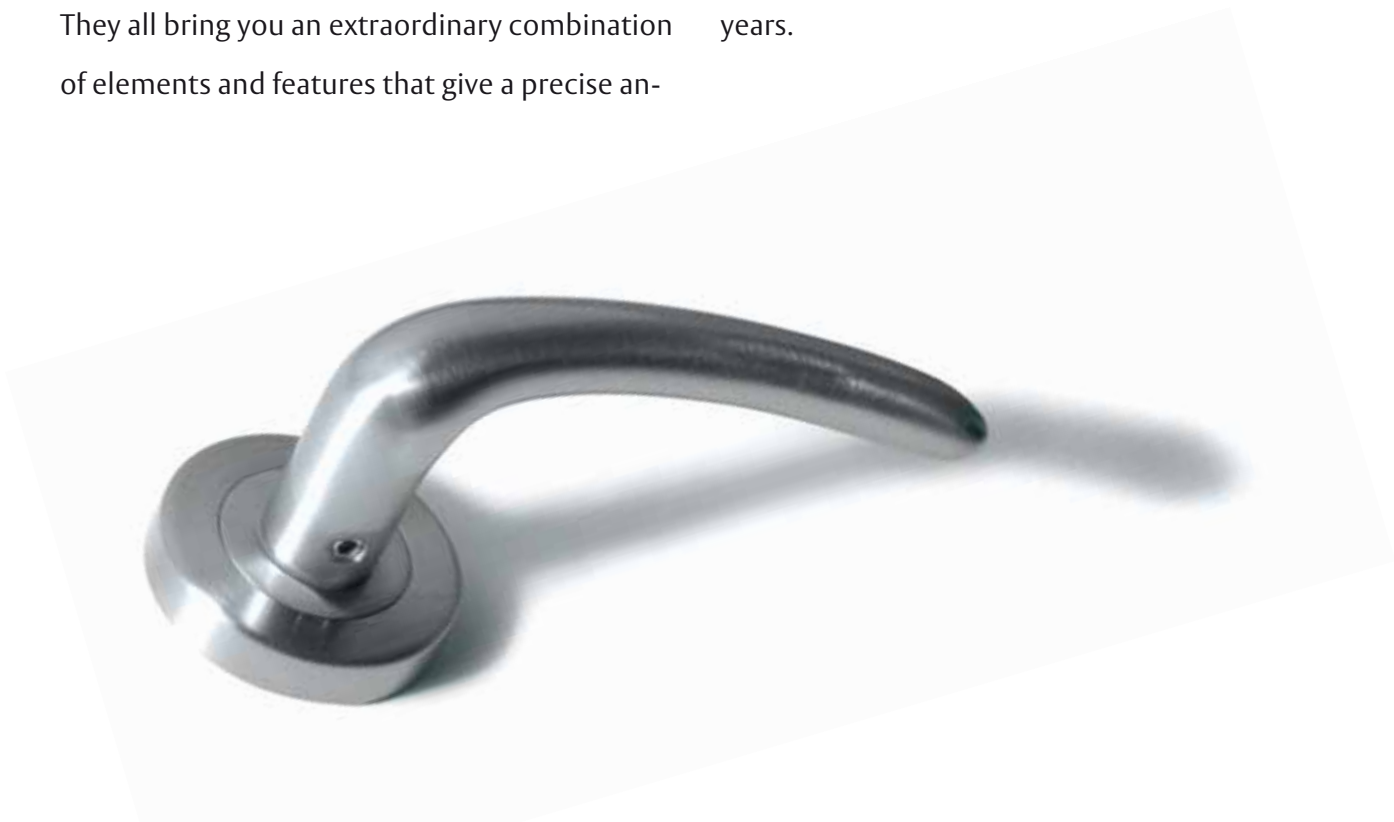
## Guaranteed by TESA

To buy TESA is a quality guarantee. The use of state-of-the-art technology, experienced staff and a managing system certificated by the quality standard ISO 90001 and the environment standard ISO 14001, as well as the security and hazard prevention standard, have resulted in a career of continued innovation, growth and expansion for the company.



Get ready for TESA's complete range of handles. A range in which you will find everything from our traditional models to the avant-garde models exclusively designed by Marta Vilallonga and Ricardo Bofill's workshop. They all bring you an extraordinary combination of elements and features that give a precise an-

swer to each door. Answers and solutions that no one else can offer, as here you will find handles capable of resisting -50° temperatures, chemical aggressions or extreme use conditions, whose performance remains unaffected through the years.



Handles	Institutional			Residential		Fire doors	Aluminium carpentry	Rosette	Long Plate	Squared plate
	AISI304	AISI316L	Aluminium	Classic	Solid					
Sena	•	•	•			•	•	☞	▬▬▬	▭▭▭
Vector	•	•	•				•	☞	▬▬▬	▭▭▭
Xara		•					•	☞	▬▬▬	▭▭▭
Zafira		•					•	☞	▬▬▬	▭▭▭
Sector		•					•	☞	▬▬▬	▭▭▭
Mare							•	☞	▬▬▬	
Cubo	•	•					•	☞	▬▬▬	▭▭
Ladho	•						•	☞		
Radho	•						•	☞		
Planho		•					•	☞	▬▬▬	▭▭▭
Obbal		•					•	☞	▬▬▬	▭▭▭
Kubika		•					•	☞	▬▬▬	▭▭▭
Thema				•				☞	▬▬▬	
Delta				•				☞	▬▬▬	
Hermes				•				☞	▬▬▬	
Kira				•				☞	▬▬▬	
Arco				•				☞	▬▬▬	
Praga					•				▬▬▬	
Amsterdam					•	•			▬▬▬	
Dublin					•			☞	▬▬▬	
Estocolmo					•			☞	▬▬▬	
Bucarest					•			☞	▬▬▬	
Oslo					•			☞	▬▬▬	
Madrid					•				▬▬▬	
Monobloc						•			▬▬▬	
Nylon							•	☞		
Aluminium							•	☞	▬▬▬	▭▭▭
M2000							•	☞		
M1500							•	☞		

# Visual index



Premium series  
Page 6



Residential series  
Page 8



Solid series  
Page 10



Mare series  
Page 15



AISI 304 Stainless steel series  
Page 32



AISI 316L stainless steel series  
Page 18



Aluminium series  
Page 43



Firedoors series  
Page 47



Aluminium carpentry series  
Page 52

G

O

# Residential handles

## Premium range

We have made the finest selection of handles for interior designs. A renewed strength and simplicity in the design of doors that makes them immediately recognizable. A good design requires an excellent knowledge of the raw materials and its application to the last detail. The selected raw materials are:

- » The Stainless Steel AISI 304 is an austenitic steel (18% chromium, 8% nickel) that offers an excellent corrosion resistance, even in the harsh environment of exterior installations. Is practically unalterable with the suitable treatment.

It far exceeds the maximum grade of the corrosion resistance standard UNE-EN 1670. It has excellent resistance to chemical attacks and in addition is unalterable to ultraviolet.

- » Zamak-5 (UNE 37302 1 a R and DIN 1743-1) is a zinc alloy (4% aluminum, 1% copper, 0.05% magnesium, 94.95% zinc). Applying the right processes to this zinc alloy it turns into the unique material capable of creating complex designs.

It is a hard, highly durable & injectable material, very well suited for applications with high friction levels.

## Rosette handles

### The package with a rosette includes

» A set of handles with a back and cover plate, a 8x100 mm spindle, 2 recoil springs, 4 coach screws, 2 through bolts, 2 bolts and an Allen key.



Model	Product code	Finish
Yanca	MYA5R800	CM
Cadi	MCA5R800	CM
Elsa	MEL5R800	CM
Hamat	MHA5R800	IS

Model	Product code	Finish
Tundra	MTU5R800	CM
Padros	MPA5R800	IS
Voila	MVO5R800	CM

## Complements Voila, Elsa, Padros, Cadi and Tundra



Product code	Finishes
MPBORBOM	CM - IS
MPBOREME	CM - IS

## Complements Yanka and Hamat



Product code	Finishes
MPBOREMER	CM - IS
MPBORBOMR	CM - IS

# Residential handles

## Premium range

### Voila and Elsa

#### The package with a long plate includes

- » A set of handles with long plate, a 8 x 100 mm spindle, 2 recoil springs and a through bolt

#### Functions

- » Entrance: keyhole 85, 72, 70 and 47 mm.
- » Thumb turn: dead bolt 85, 72, 70 and 47 mm.
- » Passage.

Voila



Elsa



Model	Product code	Finish
Voila	MVO5L800	CM
Elsa	MEL5L800	CM

### Novoa and Eben

#### The pack with a rosette includes

- » A set of handles with an internal plate and a cover, a 8x100 mm spindle, 2 recoil springs, 4 coach screws, 2 through bolts (only Eben) and 1 Allen key.

Novoa



Eben



Model	Product code	Finish
Novoa	MNO5R800	CM
Eben	MEB5R800	CM

### Complements for Novoa and Eben



Product code	Finish
MNOREME	CM
MNOBORBOM	CM
MEBREME	CM
MEBBORBOM	CM

# Residential handles

Specifically designed for residential buildings. Choice is based mainly on aesthetic and design criteria.

Zamak-5 (UNE 37302 1a R and DIN 1743-1) is a zinc alloy (4% aluminium, 1% copper, 0.05% magnesium, 94.95% zinc). It is a hard, highly resistant injectable material, very adequate for applications demanding high friction levels. Brass is a copper and

zinc alloy whose main advantages are malleability, ductility and mechanical resistance to atmospheric corrosion.

Handles with a brass base piece are also subject to various treatments before resulting in the finished product: The brass handle has been polished, achieving a satin or matt finish.

## The pack with a rosette includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, a recoil spring, 4 coach screws, 2 bolts and an allen key.

## The pack with a long plate includes

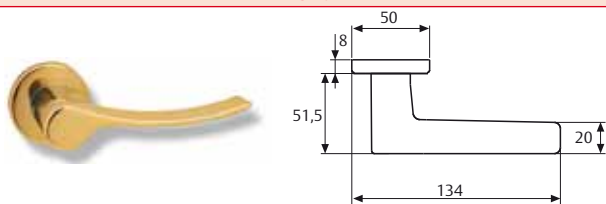
- » A set of handles with a long plate, a 8x105 mm spindle, a recoil spring, 4 coach screws, 2 bolts, an allen key and instructions for hand change in privacy function.

## Functions

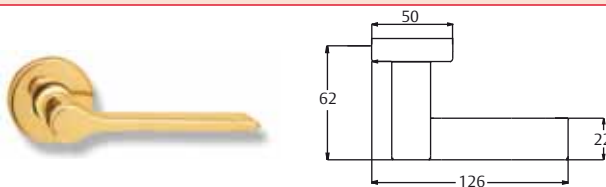
- » Front-end: keyhole at 85, 72, 70 and 47 mm; for half handle, keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Privacy: Dual System, deadbolt integrated in the plate.
- » Passage.

Finishes: LP/LM/CR/CM/MB/NE/NS  
(check for special colours)

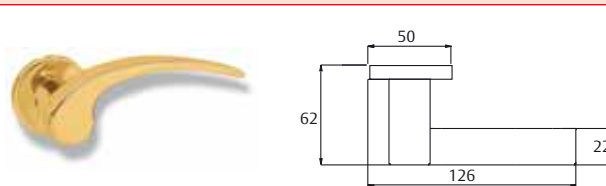
Thema



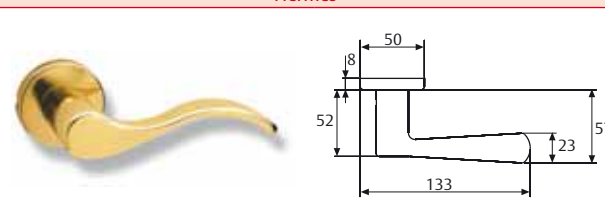
Delta



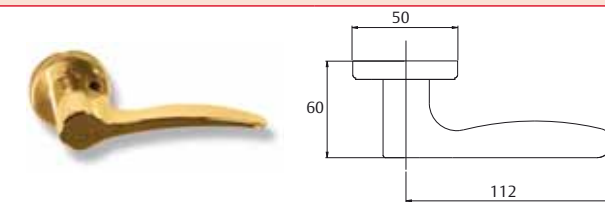
Kira



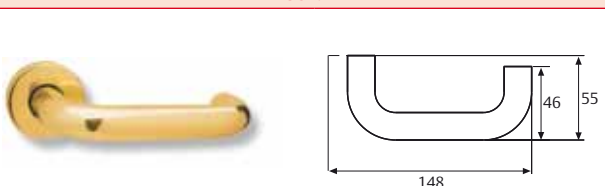
Hermes



Arco



Sena



## Product code construction

Handle	Function	Escutcheons	Spindle	Distance between axis	Finishes
Barcelona (MB)	Passage (5)	Rosette (R)	8	00 / 47 / 70 / 72 / 85	Polished brass (LP)
Arco (MA)	Entrance (0)	Long plate (L)			Satin brass (LM)
Delta (MD)	Privacy (E)				Antique brass (LA)
Sena (MS)	Dual system (CE)				satin chrome (CM)
Kira (MK)					Bright chrome (CR)
Vector (MV)					PVD (LPD) *
Hermes (MH)					

\*Metallic aspect with high resistance



# Residential handles: complements

## Euro profile

- The pack includes
- » A set with support pieces and covers.
  - » 4 coach screws.



- Finishes
- » LP / LM / CR / CM / MB / NE / NS / LA / LPD / BL.

Product code	Finishes
MBORBOM	MB
MBORBOM	NE
MBORBOM	BL
MBORBOM	LPD

Product code	Finishes
MBORBOM	LP
MBORBOM	LM
MBORBOM	CR
MBORBOM	CM

## Warded key

- The pack includes
- » A set with support pieces and covers.
  - » 4 coach screws.



- Finishes
- » LP / LM / CR / CM / MB / NE / NS / LA / LPD / BL.

Product code	Finishes
MBORBOR	LP
MBORBOR	LM
MBORBOR	CR
MBORBOR	CM

Product code	Finishes
MBORBOR	MB
MBORBOR	NE
MBORBOR	BL
MBORBOR	LPD

## Thumbturn

- The pack includes
- » A set with support pieces and covers.
  - » A 6 x 52 mm spindle.
  - » 4 coach screws.



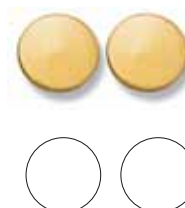
- Finishes
- » LP / LM / CR / CM / MB / NE / NS / LA / LPD / BL.

Product code	Finishes
MBOREME	LP
MBOREME	LM
MBOREME	CR
MBOREME	CM

Product code	Finishes
MBOREME	MB
MBOREME	NE
MBOREME	BL
MBOREME	LPD

## Blank plate

- The pack includes
- » A set with support pieces and covers.
  - » 4 coach screws.



- Finishes
- » LP / LM / CR / CM / MB / NE / NS / LA / LPD / BL.

Product code	Finishes
MBOR000	LP
MBOR000	LM
MBOR000	CR
MBOR000	CM

Product code	Finishes
MBOR000	MB
MBOR000	NE
MBOR000	BL
MBOR000	LPD



# Residential handles

## Solid

The residential segment also features a collection of top handles: the Solid range. A highly resistant, versatile and wide brass range with seven different long-plated and rosette models and various finishes. Due

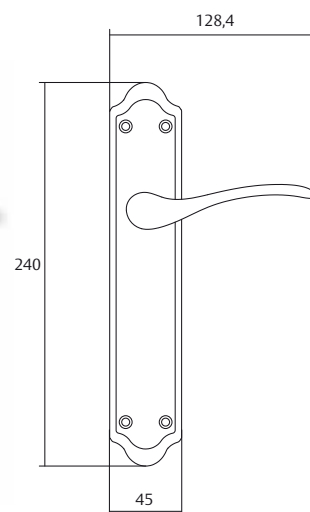
to the high demand of this stock, maximum operativity is guaranteed. The best proof of the reliability of this product is the whole ranges' exclusive five-year warranty of operation and corrosion resistance.

## Praga

### Features

- » A set of long-plated handles.
- » Finishes: LP and LPLM.
- » Functions: keyhole at 85, 70 and 47 mm.
- » Privacy: deadbolt at 70 and 47 mm.
- » Complements: Wardrobe Plate, Car Boot Plate, Knob (only in LP finish), P/L Pull Handle, Unblocking Thumbturn Spindle (only in LP finish).

Description	Product code	Finishes
Long plate	MPR5L800	LPLM - LP
Key hole 47 mm	MPR0L847	LPLM - LP
Key hole 70 mm	MPR0L870	LP LM - LP
Key hole 85 mm	MPR0L885	LPLM - LP
Deadbolt	MPREL847	LPLM - LP
Rosette	MPR5R800	LP

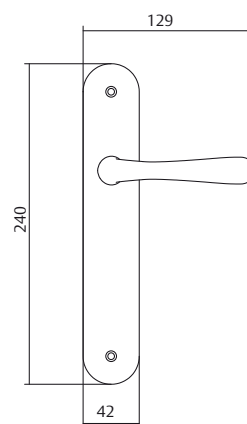
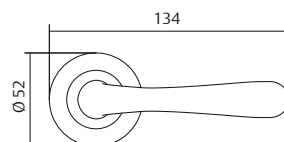


## Dublin

### Features

- » A set of long-plated and rosette handles.
- » Finishes: LP and NS.
- » Functions: keyhole at 85, 70 and 47 mm.
- » Privacy: deadbolt at 70 and 47 mm.
- » Complements: Wardrobe Plate, Car Boot Plate, Knob, P/L Pull Handle, Rosette Pull Handle, Unblocking Thumbturn Spindle.

Description	Product code	Finishes
Long plate	MDU5L800	LP - NS
Key hole 47 mm	MDU0L847	LP - NS
Key hole 70 mm	MDU0L870	LP - NS
Key hole 85 mm	MDU0L885	LP - NS
Deadbolt	MDUEL847	LP - NS
Rosette	MDU5R800	LP - NS



# Residential handle

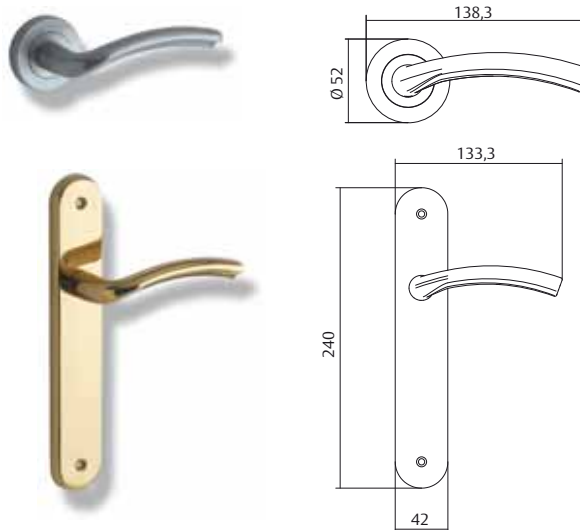
## Solid

### Bucarest

#### Features

- » A set of long-plated and rosette handles.
- » Finishes: LP and NS.
- » Functions: keyhole at 85, 70 and 47 mm.
- » Privacy: deadbolt at 70 and 47 mm.
- » Complements: Wardrobe Plate, Car Boot Plate, Knob, P/L Pull Handle, Rosette Pull Handle, Unblocking Thumbturn Spindle.

Description	Product code	Finishes
Long plate	MBU5L800	LP - NS
Key hole 47 mm	MBU0L847	LP - NS
Key hole 70 mm	MBU0L870	LP - NS
Key hole 85 mm	MBU0L885	LP - NS
Deadbolt	MBUEL847	LP - NS
Rosette	MBU5R800	LP - NS

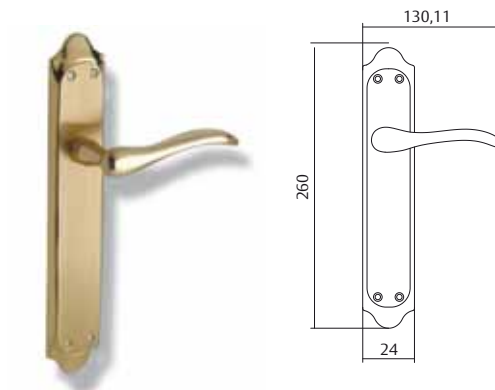


### Amsterdam

#### Features

- » A set of long-plated handles.
- » Finishes: LP and LPLM.
- » Functions: keyhole at 85, 70 and 47 mm.
- » Privacy: deadbolt at 70 and 47 mm.
- » Complements: Wardrobe Plate, Car Boot Plate, Knob (only in LP finish), P/L Pull Handle, Unblocking Thumbturn Spindle (only in LP finish).

Description	Product code	Finishes
Long plate	MAM5L800	LPLM - LP
Key hole 47 mm	MAM0L847	LPLM - LP
Key hole 70 mm	MAM0L870	LPLM - LP
Key hole 85 mm	MAM0L885	LPLM - LP
Deadbolt	MAMEL847	LPLM - LP



# Residential handle

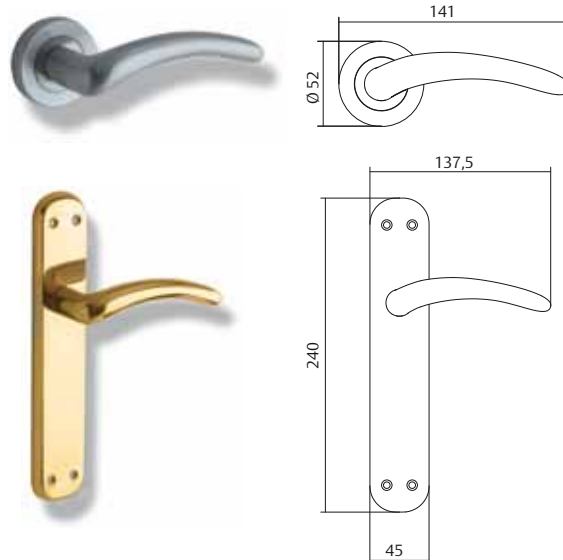
## Solid

### Estocolmo

#### Features:

- » A set of long-plated and rosette handles .
- » Finishes: LP and NS.
- » Functions: keyhole at 85, 70 and 47 mm.
- » Privacy: deadbolt at 70 and 47 mm.
- » Complements: Wardrobe Plate, Car Boot Plate, Knob, P/L Pull Handle, Rosette Pull Handle, Unblocking Thumbturn Spindle.

Description	Product code	Finishes
Long plate	MES5L800	LP - NS
Key hole 47 mm	MES0L847	LP - NS
Key hole 70 mm	MES0L870	LP - NS
Key hole 85 mm	MES0L885	LP - NS
Deadbolt	MESEL847	LP - NS
Rosette	MES5R800	LP - NS

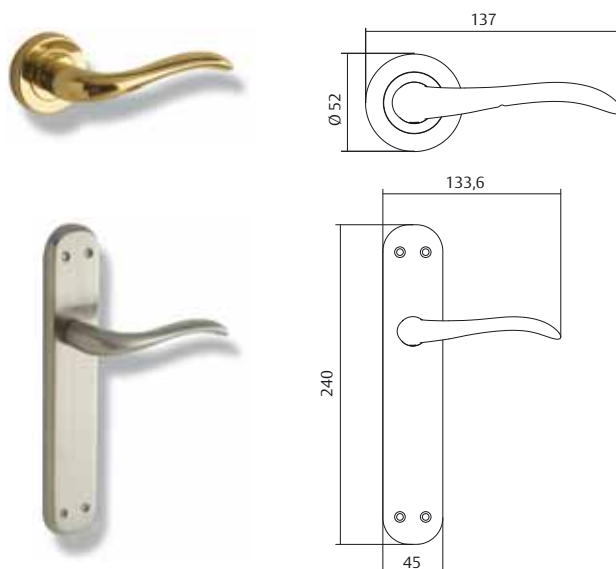


### Oslo

#### Features

- » A set of long-plated and rosette handles.
- » Finishes: LP and NS.
- » Functions: keyhole at 85, 70 and 47 mm.
- » Privacy: deadbolt at 70 and 47 mm.
- » Complements: Wardrobe Plate, Car Boot Plate, Knob, P/L Pull Handle, Rosette Pull Handle, Unblocking Thumbturn Spindle.

Description	Product code	Finishes
Long plate	MOS5L800	LP - NS
Key hole 47 mm	MOS0L847	LP - NS
Key hole 70 mm	MOS0L870	LP - NS
Key hole 85 mm	MOS0L885	LP - NS
Deadbolt	MOSEL847	LP - NS
Rosette	MOS5R800	LP - NS



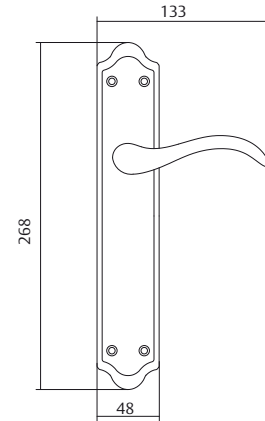
# Residential handle

## Solid

### Madrid

- » A set of long-plated handles.
- » Finishes: LP and LPLM.
- » Functions: keyhole at 85, 70 and 47 mm.
- » Privacy: deadbolt at 70 and 47 mm.
- » Complements: Wardrobe Plate, Car Boot Plate, Knob (only in LP finish), P/L Pull Handle, Unblocking Thumbturn Spindle (only in LP finish).

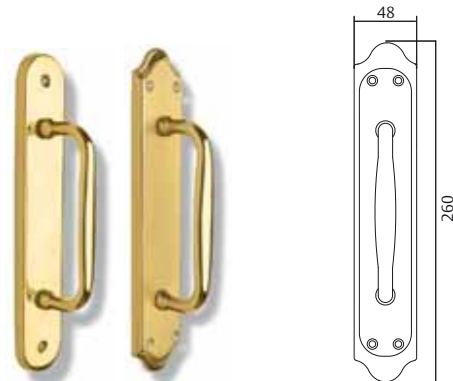
Description	Product code	Finish
Long plate	MMA5L800	LP
Key hole 47 mm	MMA0L847	LP
Key hole 70 mm	MMA0L870	LP
Key hole 85 mm	MMA0L885	LP
Deadbolt	MMAEL847	LP



# Accesories

## Solid

### Long-Plated Pull Handle



Model	Product code	Finishes
Praga	TICL00	LPLM - LP
Dublin / Bucarest	TIMO00	NS - LP
Amsterdam	TIIN00	LPLM - LP
Estocolmo / Oslo	TIME00	NS - LP
Madrid	TIAL00	LPLM - LP

### Rosette Pull Handle



Description	Product code	Finishes
Rosette pull handle	TISOR00	LP
Rosette pull handle	TISOR00	NS

### Wardrobe Plate



Description	Product code	Finishes
Praga, Amsterdam, Madrid (passage)	PLA5CL00	LPLM - LP
Praga, Amsterdam, Madrid (key hole)	PLA0CL00	LPLM - LP
Dublin, Bucarest, Estocolmo, Oslo (passage)	PLA5MO00	LP - NS
Dublin, Bucarest, Estocolmo, Oslo (key hole)	PLA5MO00	LP - NS

### Car Boot Plate



Description	Product code	Finishes
Praga, Amsterdam, Madrid (passage)	PLM5CL00	LPLM - LP
Dublin, Bucarest, Estocolmo, Oslo (passage)	PLA5MO00	LP - NS

### Pull knob



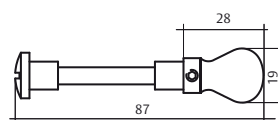
Description	Product code	Finishes
Pomo	PSO500	LP - NS

### Rosette



Description	Product code	Finishes
Key hole rosette (2 units)	ROSOBOM	LP - NS
Deadbolt rosette (emergency) (2 units)	ROSOEME	LP - NS

### Thumb turn with unblocking



Model	Finish
MULSOL	LP
MULSOL	NS

# Premium institutional handle:

## Mare

The Mare handle is among the high-range institutional handles, aimed at public buildings, hotels, auditoriums, etc. Extremely resistant, it has been designed by Ricardo Bofill and Marta Villalonga's renowned studio. It combines beauty, functionality and solidity.

It meets the legislation currently in force for building fittings UNE - EN 1906 and reaches the highest degree in use, durability and corrosion resistance categories.

### Finish ISD, features to highlight:

- » Unaffected by sweating.
- » Unaffected by the attack of solvents.
- » Employed as a protection tool with medical instruments.
- » Highly resistant to corrosion due to the chrome foundation previous to the application of PVD.
- » The external layers are three times stronger than chromium.

» Resistant to ultraviolet rays. The colour of the finish will not wear off, which is why it's ideal for outdoors.

### Fixing system

- » Bolts: patented MARE fixing system. Hidden screws are used in order to prevent handles from being stolen.

### PVD finish.

- » Highly resistant finish that gives the handle a metallic look. PVD is the equivalent to a chrome or stainless finish with a metallic brass look.
- » From the PVD we obtain the finishes ISD, LPD and LMD.

### Minimum corrosion resistance (ASTM-B117/90):

- » CM, CR, PVD and IS16 finishes: up to 500 hours
- » NS, LP and LM: up to 144 hours.



# Premium institutional handle:

## Mare

### The pack with a round rose includes

» A set of handles, a 8x105 mm expansion spindle, 2 recoil springs, 8 coach screws, 2 M6x9 bolts, an Allen key. It includes instructions.

Finishes: LP, LM, CM, CR, NS, LPD.

### Functions

- » Entrance: keyhole at 85, 72 and 70 mm.
- » Privacy: deadbolt at 85, 72 and 70 mm.
- » Passage.

### The pack with a long plate includes

» A set of handles, a 8x105 mm expansion spindle, 2 recoil springs, 2 internal supporting pieces, 16 coach screws, 2 M6x9 bolts and an Allen key. It includes instructions and an assembly template.

Finishes: LP, LM, CM, CR, NS, LPD, IS16.



Squared rosette	Product code	Finishes	Cylinder at 85 mm	Product code	Finishes
	MM5RC800	LP		MMOL885	LP
	MM5RC800	LM		MMOL885	LM
	MM5RC800	CM		MMOL885	CM
	MM5RC800	CR		MMOL885	CR
	MM5RC800	NS		MMOL885	NS
	MM5RC800	LPD		MMOL885	LPD
	MM5RC800	ISD		MMOL885	ISD
Rosette	Product code	Finishes	Deadbolt at 85 mm	Product code	Finishes
	MM5R800	LP		MMEL885	LP
	MM5R800	LM		MMEL885	LM
	MM5R800	CM		MMEL885	CM
	MM5R800	CR		MMEL885	CR
	MM5R800	NS		MMEL885	NS
	MM5R800	LPD		MMEL885	LPD
	MM5R800	ISD		MMEL885	ISD
Long plate	Product code	Finishes	Pull lever 400 mm	Product code	Finishes
	MM5L800	LP		TICM4020	LP
	MM5L800	LM		TICM4020	LM
	MM5L800	CM		TICM4020	CM
	MM5L800	CR		TICM4020	CR
	MM5L800	NS		TICM4020	NS
	MM5L800	LPD		TICM4020	LPD
	MM5L800	ISD		TICM4020	ISD
Cylinder at 70 mm	Product code	Finishes	Pull lever 250 mm	Product code	Finishes
	MMOL870	LP		TICM2520	LP
	MMOL870	LM		TICM2520	LM
	MMOL870	CM		TICM2520	CM
	MMOL870	CR		TICM2520	CR
	MMOL870	NS		TICM2520	NS
	MMOL870	LPD		TICM2520	LPD
	MMOL870	ISD		TICM2520	ISD
			KITMCRIS	Kit for glass door	



# Premium institutional handle: complements

## Squared key holes

The pack includes:

- » A set of supporting pieces and covers
- » 8 screws.



Product code	Finishes
MACBORBOM	LP
MACBORBOM	LM
MACBORBOM	CM
MACBORBOM	CR
MACBORBOM	NS
MACBORBOM	LPD
MACBORBOM	ISD

## Squared thumb turns

The pack includes:

- » A set of supporting pieces and covers, 8 coach screws, an axis thumbturn spindle, an emergency spindle, a handle spindle, a 6x52m spindle, a M4x18 torx screw and 2 supporting pieces.



Product code	Finishes
MACBOREME	LP
MACBOREME	LM
MACBOREME	CM
MACBOREME	CR
MACBOREME	NS
MACBOREME	LPD
MACBOREME	ISD

## Rounded key holes

The pack includes:

- » A set of supporting pieces and covers
- » 8 screws.



Product code	Finishes
MABORBOM	LP
MABORBOM	LM
MABORBOM	CM
MABORBOM	CR
MABORBOM	NS
MABORBOM	LPD
MABORBOM	ISD

## Rounded thumb turns

The pack includes:

- » A set of supporting pieces and covers, 8 coach screws, an axis thumbturn spindle, an emergency spindle, a handle spindle, a 6x52m spindle, a M4x18 torx screw and 2 supporting pieces.



Product code	Finishes
MABOREME	LP
MABOREME	LM
MABOREME	CM
MABOREME	CR
MABOREME	NS
MABOREME	LPD
MABOREME	ISD

# Institutional stainless AISI 316L handle

## Kubika and Obbal handles

In the development of Kubika and Obbal, TESA has applied a totally innovating methodology regarding design for new products.

After an intensive market research, the original aesthetics of these handles has been a consequence of the product codes and trends shown by the different actors in the high range and quality handles market.

Kubika and Obbal fulfill special, singular and unique benefits concerning resistance, security, flexibility and high quality materials. Let's enhance some of them:

### Resistance

- » The driving mechanism of the handle is covered by acetate resin which prevents the break of the spring due to corrosion and also guarantees more than 500.000 cycles of working order.
- » The springs are compression kind (as shock absorbers in the car) so their hollows are grooved; we achieve like this that the system still works even if in the supposed case of spring breakage due to fatigue.
- » Very high resistance to breakage and free movement as a consequence of the system of springs dragging by nut with two cotter pins.
- » Tests: both models have got excellent results in the internal tests. They have put up with the double effort compared with our previous handles and the competitor's ones.

### Security

- » The mechanism is fixed to the handle and escutcheon through a screw. We remove like this the clip used by all the handles in the market, the most frequent failure that let us with the handle on the hand. This system is like a 'sandwich', all pieces are joined by a special screw (M14x1) that guarantees that we will never keep the handle in the hand.

### Flexibility

- » The rose models have 8 different crossing points for the coach screws, which makes them compatible with most of the locks in the market. At the same time Kubika and Obbal can be assembled with TESA antipanic exit devices ranges Universal, Push and Top.
- » Easy to reverse that helps converting simply one right handle into left handle and vice versa.

### High quality materials

- » These handles are manufactured in AISI 316L stainless steel, also known as 'marine steel' due to its excellent behavior in aggressive and saline environments.

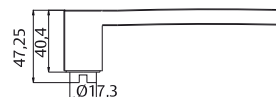


# Institutional stainless AISI 316L handle

## Kubika st. steel AISI 316L

### The pack with a rosette includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 through bolts, 2 bolts and an Allen key.



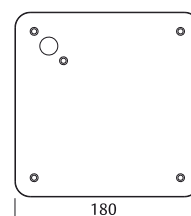
### The pack with a long plate includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.



### The pack with a squared plate includes

- » A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 through bolts, 4 screws, 2 bolts and an Allen key.



### Functions

- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.

Rosette	Product code	Finishes
Squared rosette	MKU5R800	IS16
Metallic carpentry rosette	Product code	Finishes
1/2 handle squared rosette	MKURR800	IS16
Long plate	Product code	Finishes
Passage	MKU5L800	IS16
Cylinder at 72 mm	MKU0L872	IS16
Cylinder at 85 mm	MKU0L885	IS16
Deadbolt at 70 mm	MKUEL870	IS16
Squared plate	Product code	Finishes
Passage	MKU5C800	IS16
Cylinder at 72 mm	MKU0C872	IS16
Cylinder at 85 mm	MKU0C885	IS16
Deadbolt at 85 mm	MKU3C885	IS16

G

# Institutional stainless AISI 316L handle

## Obbal st. steel AISI 316L

### The pack with a rosette includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 through bolts, 2 bolts and an Allen key.

### The pack with a long plate includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.

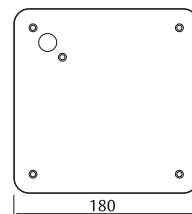
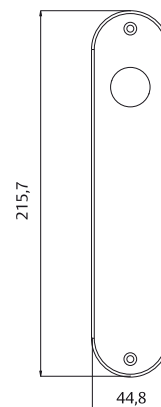
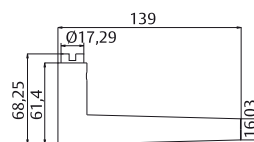
### The pack with a squared plate includes

- » A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 through bolts, 4 screws, 2 bolts and an Allen key.

### Functions

- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.

Rosette	Product code	Finish
Rounded rosette	MO5R800	IS16
Metallic carpentry rosette	Product code	Finish
1/2 handle rounded rosette	MORR800	IS16
Placa larga	Product code	Finish
Passage	MO5L800	IS16
Cylinder at 72 mm	MO0L872	IS16
Cylinder at 85 mm	MO0L885	IS16
Deadbolt at 70 mm	MOEL870	IS16
Squared plate	Product code	Finish
Passage	MO5C800	IS16
Cylinder at 72 mm	MO0C872	IS16
Cylinder at 85 mm	MO0C885	IS16
Deadbolt at 85 mm	MO3C885	IS16



# Institutional stainless AISI 316L handle complements

## Key hole for Kubika

Packaging includes:

- » A set of supporting pieces and covers.
- » 4 screws.

Finishes

- » IS16

Product code	Finish
MKUBORBOM	IS16

## Thumb turn for Kubika

Packaging includes:

- » A set of supporting pieces and covers.
- » A 6 x 52 mm spindle
- » 4 screws.

Finishes

- » IS16

Product code	Finish
MKUBOREME	IS16

## Key hole for Obbal

Packaging includes:

- » A set of supporting pieces and covers.
- » 4 screws.

Finishes

- » IS16

Product code	Finish
MBORBOM	IS16



## Thumb turn for Obbal

Packaging includes:

- » A set of supporting pieces and covers.
- » A 6 x 52 mm spindle
- » 4 screws.

Finishes

- » IS16

Product code	Finish
MBOREME	IS16



# Institutional stainless AISI 316L handle

Addressed basically to institutional and commercial buildings with high traffic and subject to extreme conditions. They are applicable to all kind of : RF doors, panic exit devices, fire doors, fixings for fixed through bolts, applications for double follower locks, etc.

## **Stainless steel AISI 316L finish**

It is an austenitic steel with molybdenum, low carbon content (18% chromium, 11% nickel, 2% molybdenum). Molybdenum protects stainless steel from pitting corrosion, which is common in industrial or seaside environments.

## **Features**

Recoil spring protected by an acetate resin cartridge for maximum corrosion resistance.

Fixing with floating or fixed through bolts, for maximum traction

resistance.

Fixing with TESA expansion spindles, ensuring high traction resistance.

Hidden screws in order to avoid handles from being theft.

## **Regulations**

It meets the requisites of the UNE-EN 1906 standard for architectural fittings.

It is also way above the maximum grade of the corrosion resistance standard UNE-EN 1670.

Excellent resistance to chemical attacks.

## **Fixing system**

Depending on each model, fixing is carried out with fixed through bolts, floating through bolts, or coach screws straight onto the door's leaf.



# Institutional stainless AISI 316L handle

## Sena st. steel AISI 316L

### The pack with a rosette includes

- » A set of handles with an internal plate and a cover, 1 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.

### The pack with a long plate includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.
- » Rectangular plate also available

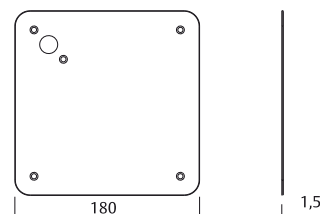
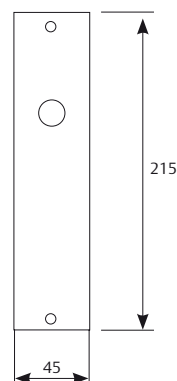
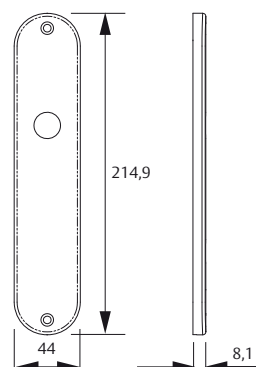
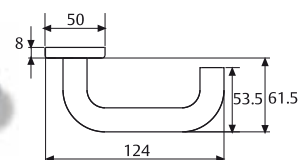
### The pack with a squared plate includes

- » A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 5 floating through bolts, 5 screws, 2 bolts and an Allen key.

### Functions

- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.

Rosette	Product code	Finishes
Rosette	MS5R800	IS16 (includes through bolts)
Long plate	Product code	Finishes
Passage	MS5LR800	IS16 (no through bolts included)
Rectangular	MS5LR800	IS16 (no through bolts included)
Cylinder at 47 mm	MS0L847	IS16 (no through bolts included)
Cylinder at 70 mm	MS0L870	IS16 (no through bolts included)
Cylinder at 72 mm	MS0L872	IS16 (no through bolts included)
Cylinder at 85 mm	MS0L885	IS16 (no through bolts included)
Deadbolt at 47 mm	MSEL847	IS16 (no through bolts included)
Deadbolt at 70 mm	MSEL870	IS16 (no through bolts included)
Deadbolt at 72 mm	MSEL872	IS16 (no through bolts included)
Deadbolt at 85 mm	MSEL885	IS16 (no through bolts included)
Square plate	Product code	Finishes
Pasagge	MS5C800	IS16 (includes through bolts)
Cylinder at 47 mm	MS0C847	IS16 (includes through bolts)
Cylinder at 70 mm	MS0C870	IS16 (includes through bolts)
Cylinder at 72 mm	MS0C872	IS16 (includes through bolts)
Cylinder at 85 mm	MS0C885	IS16 (includes through bolts)
Deadbolt at 47 mm	MS3C847	IS16 (includes through bolts)
Deadbolt at 70 mm	MS3C870	IS16 (includes through bolts)
Deadbolt at 72 mm	MS3C872	IS16 (includes through bolts)
Deadbolt at 85 mm	MS3C885	IS16 (includes through bolts)



# Institutional stainless AISI 316L handle

## Vector st. steel AISI 316L

### The pack with a rosette includes

- » A set of handles with an internal plate and a cover, 1 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.

### The pack with a long plate includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.
- » Rectangular plate also available

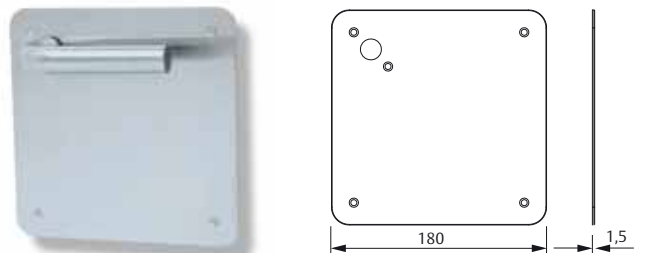
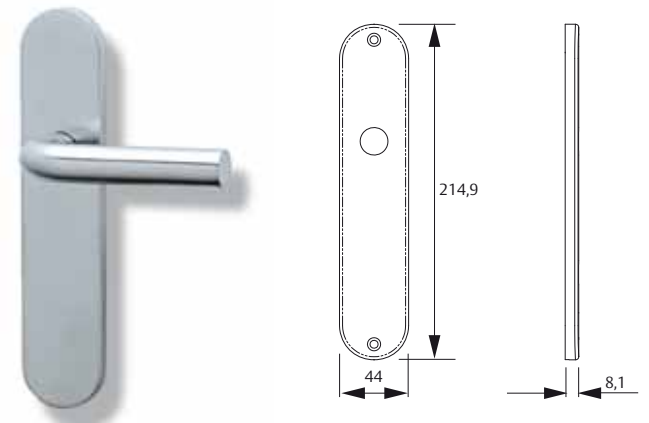
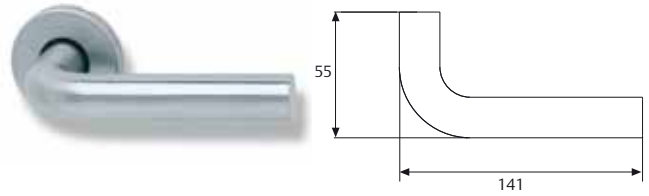
### The pack with a squared plate includes

- » A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 5 floating through bolts, 5 screws, 2 bolts and an Allen key.

### Functions

- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.

Rosette	Product code	Finish
Rosette	MV5R800	IS16 (includes through bolts)
Long plate	Product code	Finish
Passage	MV5L800	IS16 (no through bolts included)
Cylinder at 47 mm	MV0L847	IS16 (no through bolts included)
Cylinder at 70 mm	MV0L870	IS16 (no through bolts included)
Cylinder at 72 mm	MV0L872	IS16 (no through bolts included)
Cylinder at 85 mm	MV0L885	IS16 (no through bolts included)
Deadbolt at 47 mm	MVEL847	IS16 (no through bolts included)
Deadbolt at 70 mm	MVEL870	IS16 (no through bolts included)
Deadbolt at 72 mm	MVEL872	IS16 (no through bolts included)
Deadbolt at 85 mm	MVEL885	IS16 (no through bolts included)
Square plate	Product code	Finish
Passage	MV5C800	IS16 (includes through bolts)
Cylinder at 47 mm	MV0C847	IS16 (includes through bolts)
Cylinder at 70 mm	MV0C870	IS16 (includes through bolts)
Cylinder at 72 mm	MV0C872	IS16 (includes through bolts)
Cylinder at 85 mm	MV0C885	IS16 (includes through bolts)
Deadbolt at 47 mm	MV3C847	IS16 (includes through bolts)
Deadbolt at 70 mm	MV3C870	IS16 (includes through bolts)
Deadbolt at 72 mm	MV3C872	IS16 (includes through bolts)
Deadbolt at 85 mm	MV3C885	IS16 (includes through bolts)





# Institutional stainless AISI 316L handle

## Xara st. steel AISI 316L

### The pack with a rosette includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.

### The pack with a long plate includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach spindle, 2 bolts and an Allen key.
- » Rectangular plate also available

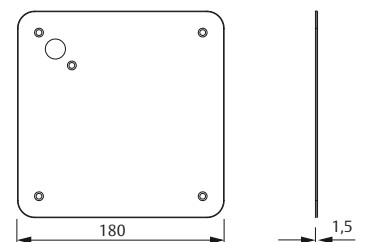
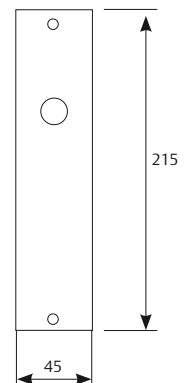
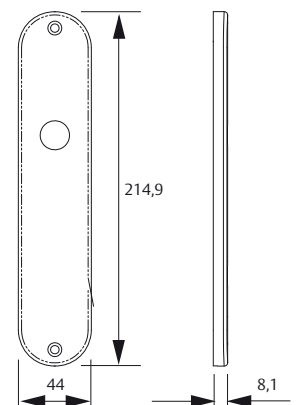
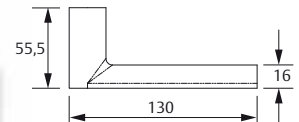
### The pack with a squared plate includes

- » A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm square, 2 recoil springs, 5 floating through bolts, 5 screws, 2 bolts and an Allen key.

### Functions

- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.

Rosette	Product code	Finish
Rosette	MX5R800	IS16 (includes through bolts)
Long plate	Product code	Finish
Passage	MX5L800	IS16 (no through bolts included)
Cylinder at 47 mm	MX0L847	IS16 (no through bolts included)
Cylinder at 70 mm	MX0L870	IS16 (no through bolts included)
Cylinder at 72 mm	MX0L872	IS16 (no through bolts included)
Cylinder at 85 mm	MX0L885	IS16 (no through bolts included)
Deadbolt at 47 mm	MXEL847	IS16 (no through bolts included)
Deadbolt at 70 mm	MXEL870	IS16 (no through bolts included)
Deadbolt at 72 mm	MXEL872	IS16 (no through bolts included)
Deadbolt at 85 mm	MXEL885	IS16 (no through bolts included)
Square plate	Product code	Finish
Passage	MX5C800	IS16 (includes through bolts)
Cylinder at 47 mm	MX0C847	IS16 (includes through bolts)
Cylinder at 70 mm	MX0C870	IS16 (includes through bolts)
Cylinder at 72 mm	MX0C872	IS16 (includes through bolts)
Cylinder at 85 mm	MX0C885	IS16 (includes through bolts)
Deadbolt at 47 mm	MX3C847	IS16 (includes through bolts)
Deadbolt at 70 mm	MX3C870	IS16 (includes through bolts)
Deadbolt at 72 mm	MX3C872	IS16 (includes through bolts)
Deadbolt at 85 mm	MX3C885	IS16 (includes through bolts)



G

# Institutional stainless AISI 316L handle

## Zafira st. steel AISI 316L

### The pack with a rosette includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.

### The pack with a long plate includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.
- » Rectangular plate also available.

### The pack with a squared plate includes

- » A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 5 floating through bolts, 5 screws, 2 bolts and an Allen key.

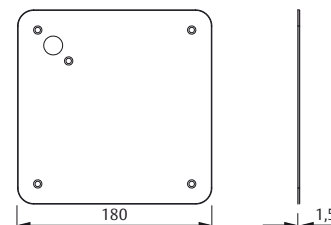
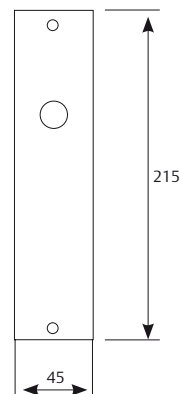
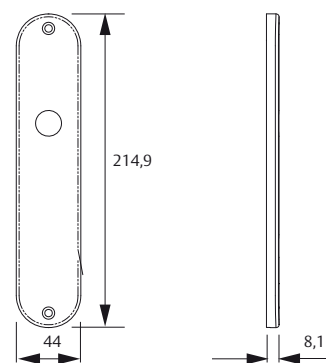
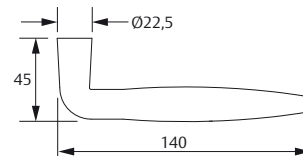
### The pack with a fixed knob includes

- » A set of handles with an internal plate and a cover, a 8x60 mm spindle, 2 recoil springs, 2 fixed through bolts, 2 screws, 2 bolts and an Allen key.

### Functions

- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.

Rosette	Product code	Finish
Rosette	MZ5R800	IS16 (includes through bolts)
Long plate	Product code	Finish
Passage	MZ5L800	IS16 (no through bolts included)
Cylinder at 47 mm	MZ0L847	IS16 (no through bolts included)
Cylinder at 70 mm	MZ0L870	IS16 (no through bolts included)
Cylinder at 72 mm	MZ0L872	IS16 (no through bolts included)
Cylinder at 85 mm	MZ0L885	IS16 (no through bolts included)
Deadbolt at 47 mm	MZEL847	IS16 (no through bolts included)
Deadbolt at 70 mm	MZEL870	IS16 (no through bolts included)
Deadbolt at 72 mm	MZEL872	IS16 (no through bolts included)
Deadbolt at 85 mm	MZEL885	IS16 (no through bolts included)
Square plate	Product code	Finish
Passage	MZ5C800	IS16 (includes through bolts)
Cylinder at 47 mm	MZ0C847	IS16 (includes through bolts)
Cylinder at 70 mm	MZ0C870	IS16 (includes through bolts)
Cylinder at 72 mm	MZ0C872	IS16 (includes through bolts)
Cylinder at 85 mm	MZ0C885	IS16 (includes through bolts)
Deadbolt at 47 mm	MZ3C847	IS16 (includes through bolts)
Deadbolt at 70 mm	MZ3C870	IS16 (includes through bolts)
Deadbolt at 72 mm	MZ3C872	IS16 (includes through bolts)
Deadbolt at 85 mm	MZ3C885	IS16 (includes through bolts)



# Institutional stainless AISI 316L handle

## Sector st. steel AISI 316L

### The pack with a rosette includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.

### The pack with a long plate includes

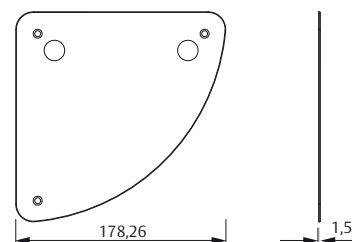
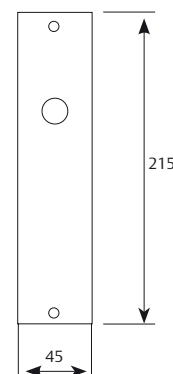
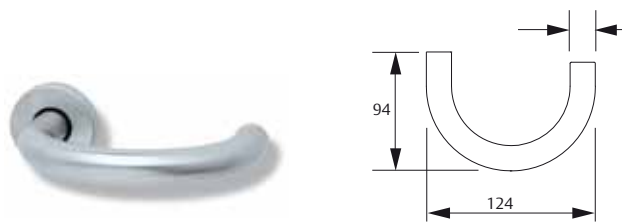
- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.
- » Rectangular plate also available.

### The pack with a squared plate includes

- » A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 5 floating through bolts, 5 screws, 2 bolts and an Allen key.

### Functions

- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.



Rosette	Product code	Finish
Rosette	MSE5R800	IS16 (includes through bolts)
Long plate	Product code	Finish
Passage	MSE5L800	IS16 (no through bolts included)
Cylinder at 47 mm	MSE0L847	IS16 (no through bolts included)
Cylinder at 70 mm	MSE0L870	IS16 (no through bolts included)
Cylinder at 72 mm	MSE0L872	IS16 (no through bolts included)
Cylinder at 85 mm	MSE0L885	IS16 (no through bolts included)
Deadbolt at 47 mm	MSEEL847	IS16 (no through bolts included)
Deadbolt at 70 mm	MSEEL870	IS16 (no through bolts included)
Deadbolt at 72 mm	MSEEL872	IS16 (no through bolts included)
Deadbolt at 85 mm	MSEEL885	IS16 (no through bolts included)
Square plate	Product code	Finish
Passage	MSE5S800	IS16 (includes through bolts)
Cylinder at 47 mm	MSE0S847	IS16 (includes through bolts)
Cylinder at 70 mm	MSE0S870	IS16 (includes through bolts)
Cylinder at 72 mm	MSE0S872	IS16 (includes through bolts)
Cylinder at 85 mm	MSE0S885	IS16 (includes through bolts)
Deadbolt at 47 mm	MSE3S847	IS16 (includes through bolts)
Deadbolt at 70 mm	MSE3S870	IS16 (includes through bolts)
Deadbolt at 72 mm	MSE3S872	IS16 (includes through bolts)
Deadbolt at 85 mm	MSE3S885	IS16 (includes through bolts)

# Institutional stainless AISI 316L handle

## Cubo st. steel AISI 316L

### The pack with a rosette includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.

### The pack with a long plate includes

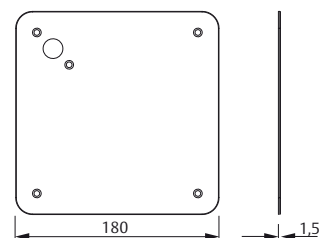
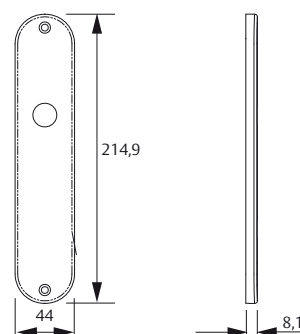
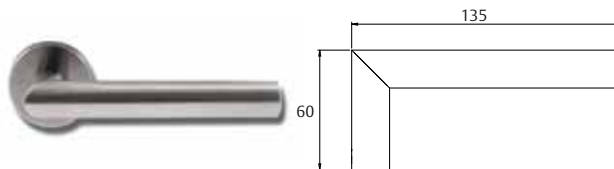
- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.
- » Rectangular plate also available.

### The pack with a squared plate includes

- » A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 5 floating through bolts, 5 screws, 2 bolts and an Allen key.

### Functions

- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.



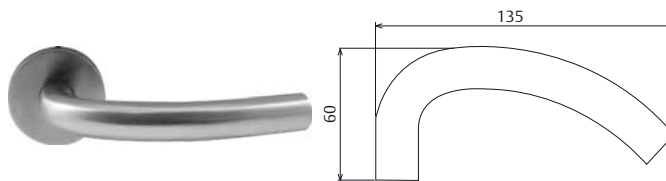
Rosette	Product code	Finish
Rosette	MC5R800	IS16 (includes through bolts)
Long plate	Product code	Finish
Passage	MC5L800	IS16 (no through bolts included)
Cylinder at 47 mm	MC0L847	IS16 (no through bolts included)
Cylinder at 70 mm	MC0L870	IS16 (no through bolts included)
Cylinder at 72 mm	MC0L872	IS16 (no through bolts included)
Cylinder at 85 mm	MC0L885	IS16 (no through bolts included)
Deadbolt at 47 mm	MCEL847	IS16 (no through bolts included)
Deadbolt at 70 mm	MCEL870	IS16 (no through bolts included)
Deadbolt at 72 mm	MCEL872	IS16 (no through bolts included)
Deadbolt at 85 mm	MCEL885	IS16 (no through bolts included)
Square plate	Product code	Finish
Passage	MC5C800	IS16 (includes through bolts)
Cylinder at 47 mm	MC0C847	IS16 (includes through bolts)
Cylinder at 70 mm	MC0C870	IS16 (includes through bolts)
Cylinder at 72 mm	MC0C872	IS16 (includes through bolts)
Cylinder at 85 mm	MC0C885	IS16 (includes through bolts)
Deadbolt at 47 mm	MC3C847	IS16 (includes through bolts)
Deadbolt at 70 mm	MC3C870	IS16 (includes through bolts)
Deadbolt at 72 mm	MC3C872	IS16 (includes through bolts)
Deadbolt at 85 mm	MC3C885	IS16 (includes through bolts)

# Institutional stainless AISI 316L handle

## Planho st. steel AISI 316L

### The pack with a rosette includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.



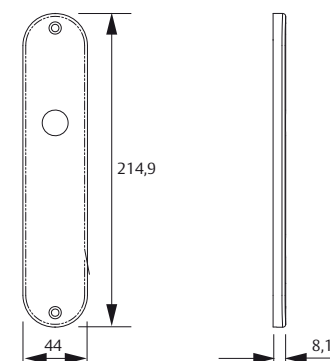
### The pack with a long plate includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.
- » Rectangular plate also available.



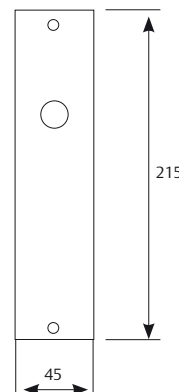
### The pack with a squared plate includes

- » A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 5 floating through bolts, 5 screws, 2 bolts and an Allen key.

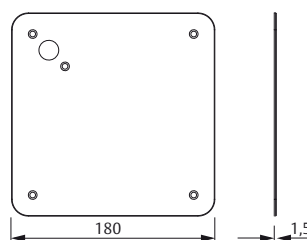


### Functions

- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.



Rosette	Product code	Finish
Rosette	MP5R800	IS16 (includes through bolts)
Long plate	Product code	Finish
Passage	MP5L800	IS16 (no through bolts included)
Cylinder at 47 mm	MP0L847	IS16 (no through bolts included)
Cylinder at 70 mm	MP0L870	IS16 (no through bolts included)
Cylinder at 72 mm	MP0L872	IS16 (no through bolts included)
Cylinder at 85 mm	MP0L885	IS16 (no through bolts included)
Deadbolt at 47 mm	MPEL847	IS16 (no through bolts included)
Deadbolt at 70 mm	MPEL870	IS16 (no through bolts included)
Deadbolt at 72 mm	MPEL872	IS16 (no through bolts included)
Deadbolt at 85 mm	MPEL885	IS16 (no through bolts included)
Square plate	Product code	Finish
Passage	MP5C800	IS16 (includes through bolts)
Cylinder at 47 mm	MP0C847	IS16 (includes through bolts)
Cylinder at 70 mm	MP0C870	IS16 (includes through bolts)
Cylinder at 72 mm	MP0C872	IS16 (includes through bolts)
Cylinder at 85 mm	MP0C885	IS16 (includes through bolts)
Deadbolt at 47 mm	MP3C847	IS16 (includes through bolts)
Deadbolt at 70 mm	MP3C870	IS16 (includes through bolts)
Deadbolt at 72 mm	MP3C872	IS16 (includes through bolts)
Deadbolt at 85 mm	MP3C885	IS16 (includes through bolts)

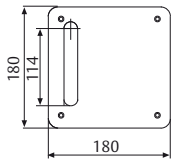
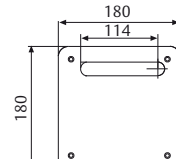
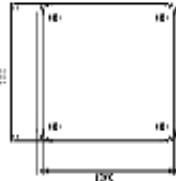
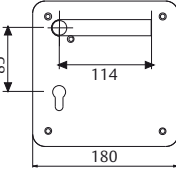


# Institutional stainless AISI 316L handle

## Sena pull handle with squared plate

### Functions

- » Entrance: key hole at 85, 72 and 70 mm
- » Privacy: deadbolt at 85, 72 and 70 mm

Vertical pull handle	Product code	Finish	Horizontal pull handle	Product code	Finish	
	MSMT80V (half)	IS16		MSMT800 (half)	IS16	
	MSTT80V (double)	IS16		MSTT800 (double)	IS16	
Vertical pull handle	Product code	Finish	Horizontal pull handle	Product code	Finish	
	PCCIEGA	IS16		MSTT885	IS16	
Vertical pull handle	Product code	Finish	Horizontal pull handle	Product code	Finish	
	PCSCIEGA	IS16				

# Institutional stainless AISI 316L handle complements

## Key holes

**The pack includes:**

- » A set with support pieces and covers.
- » 4 coach screws.

**Finish**

- » IS16

Product code	Finish
MBORBOM	IS16



## Thumb turns

**The pack includes:**

- » A set with support pieces and covers.
- » 4 coach screws.

**Finish**

- » IS16

Product code	Finish
MBOREME	IS16



## Blank

**The pack includes:**

- » A set with support pieces and covers.
- » 4 coach screws.

**Finish**

- » IS16

Product code	Finish
MBOR000	IS16



# Institutional stainless AISI 304 handle

Handles specially designed for offices and institutional buildings with standard applications.

## **Stainless steel AISI 304 finish**

It is an austenitic steel (18% chromium, 8% nickel). Although austenitic steel is not magnetic, once it's been mechanized it can modify its structure and be attracted by a magnet. It offers excellent corrosion resistance, even in outdoors installations.

## **Features**

Recoil spring protected by a Delrin cartridge for the rose. Spiral spring system in institutional plate and long plate. Fixing with a through bolts/screw, except in the institutional plate, which is fixed with through bolts.

## **Regulations**

It meets the requisites of the UNE-EN 1906 standard for building fittings.

It is also above the maximum grade of the corrosion resistance standard UNE-EN 1670.

Ultraviolet resistance: unaffected.

Excellent resistance to chemical attacks.

## **Fixing system**

Depending on each model, fixing is carried out with fixed through bolts, floating through bolts or coach screws straight onto the door's leaf.





# Institutional stainless AISI 304 handle

## Sena St. steel AISI 304

### The pack with a rosette includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 through bolts, 2 bolts and an Allen key.

### The pack with a long plate includes

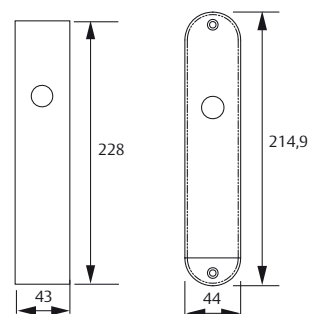
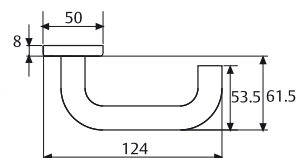
- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.

### The pack with a squared plate includes

- » A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 floating through bolts, 4 coach screws, 2 through bolts and an Allen key.

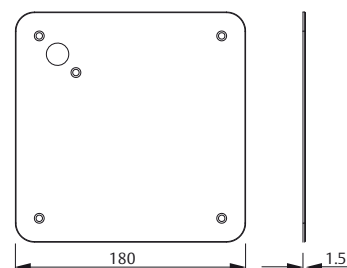
### Functions

- » Entrance keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage



Rosette	Product code	Finish
Rosette	MS5R800	IS-(includes through bolts)
Long plate*	Product code	Finish
Passage	MS5L800	IS-(includes through bolts)
Cylinder at 47 mm	MS5LR800	IS-(includes through bolts)
Cylinder at 70 mm	MS0L847	IS-(includes through bolts)
Cylinder at 72 mm	MS0L870	IS-(includes through bolts)
Cylinder at 85 mm	MS0L872	IS-(includes through bolts)
Deadbolt at 47 mm	MS0L885	IS-(includes through bolts)
Deadbolt at 70 mm	MSEL847	IS-(includes through bolts)
Deadbolt at 72 mm	MSEL870	IS-(includes through bolts)
Deadbolt at 85 mm	MSEL872	IS-(includes through bolts)
Condensa a 85 mm	MSEL885	IS-(includes through bolts)
Squared plate*	Product code	Finish
Passage	MS5C800	IS- (includes through bolts)
Cylinder at 47 mm	MS0C847	IS- (includes through bolts)
Cylinder at 70 mm	MS0C870	IS- (includes through bolts)
Cylinder at 72 mm	MS0C872	IS- (includes through bolts)
Cylinder at 85 mm	MS0C885	IS- (includes through bolts)
Deadbolt at 47 mm	MS3C847	IS- (includes through bolts)
Deadbolt at 70 mm	MS3C870	IS- (includes through bolts)
Deadbolt at 72 mm	MS3C872	IS- (includes through bolts)
Deadbolt at 85 mm	MS3C885	IS- (includes through bolts)

\* Includes one mechanism per set



# Institutional stainless AISI 304 handle

## Vector St. steel AISI 304

### The pack with a rosette includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 through bolts, 2 bolts and an Allen key.

### The pack with a long plate includes

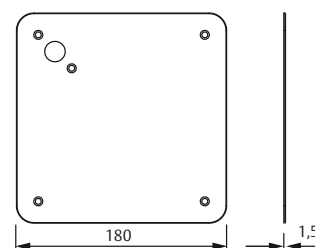
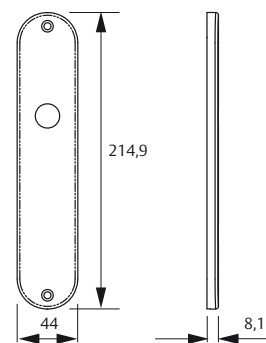
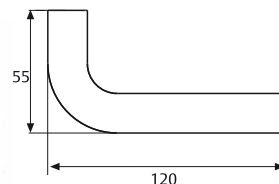
- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an Allen key.

### The pack with a squared plate includes

- » A set of handles with a 1'5 mm-thick internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 floating through bolts, 4 coach screws, 2 through bolts and an Allen key.

### Functions

- » Entrance keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage



Rosette	Product code	Finish
Rosette	MV5R800	IS-(includes through bolts)
Long plate*	Product code	Finish
Passage	MV5L800	IS-(includes through bolts)
Cylinder at 47 mm	MV0L847	IS-(includes through bolts)
Cylinder at 70 mm	MV0L870	IS-(includes through bolts)
Cylinder at 72 mm	MV0L872	IS-(includes through bolts)
Cylinder at 85 mm	MV0L885	IS-(includes through bolts)
Deadbolt at 47 mm	MVEL847	IS-(includes through bolts)
Deadbolt at 70 mm	MVEL870	IS-(includes through bolts)
Deadbolt at 72 mm	MVEL872	IS-(includes through bolts)
Deadbolt at 85 mm	MVEL885	IS-(includes through bolts)
Squared plate*	Product code	Finish
Passage	MV5C800	IS-(includes through bolts)
Cylinder at 47 mm	MV0C847	IS-(includes through bolts)
Cylinder at 70 mm	MV0C870	IS-(includes through bolts)
Cylinder at 72 mm	MV0C872	IS-(includes through bolts)
Cylinder at 85 mm	MV0C885	IS-(includes through bolts)
Deadbolt at 47 mm	MV3C847	IS-(includes through bolts)
Deadbolt at 70 mm	MV3C870	IS-(includes through bolts)
Deadbolt at 72 mm	MV3C872	IS-(includes through bolts)
Deadbolt at 85 mm	MV3C885	IS-(includes through bolts)

\* Includes one mechanism per set

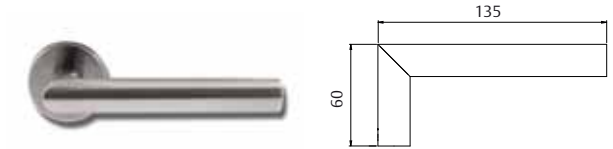
# Institutional stainless AISI 304 handle

## Cubo stainless AISI 304

### The pack with a rosette includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 through bolts, 2 bolts and an Allen key.

Rosette	Product code	Finish
Rosette	MC5R800	(includes through bolts)

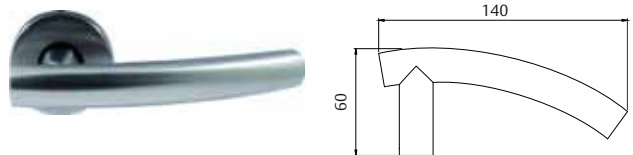


## Ladho stainless AISI 304

### The pack with a rosette includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 through bolts, 2 bolts and an Allen key.

Rosette	Product code	Finish
Rosette	ML5R800	(includes through bolts)

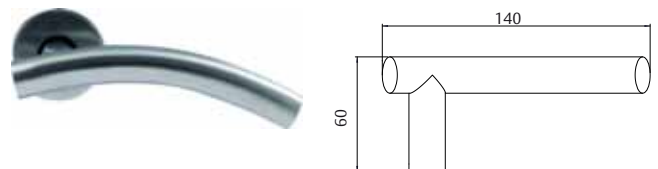


## Radho stainless AISI 304

### The pack with a rosette includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, 2 recoil springs, 4 coach screws, 2 through bolts, 2 bolts and an Allen key.

Rosette	Product code	Finish
Rosette	MR5R800	(includes through bolts)



# Institutional stainless AISI 304 handle complements

## Key holes

**The pack includes:**

- » A set with support pieces and covers.
- » 4 coach screws.

**Finish**

- » IS304



Product code	Finish
MB0RBOM	IS-

## Thumb turns

**The pack includes:**

- » A set with support pieces and covers.
- » 4 coach screws.

**Finish**

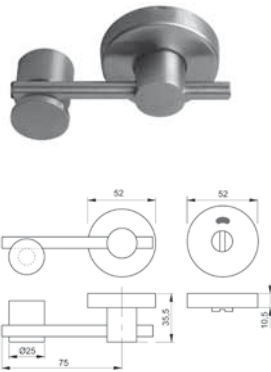
- » IS304



Product code	Finish
MBOREME	IS-

## Door frame deadbolt

- » Deadbolt to install in the door frame, no lock requirement.
- » Deadbolt to install in the sliding door frame, no locks requirement.



Product code	Features
MARCOEMEIS	Deadbolt without lock
MARCOEMECORIS	Deadbolt for sliding door without lock

## Doorstop for floor

Ø 20 x 35 mm

**The pack includes:**

- » A doorstop
- » A screw
- » A stopper for floor



**Finish**

- » IS304

Product code	Features
TOPSt. steel20	Doorstop for floor

## Deadbolt with visor

- » With "free / occupied indicator".

**The pack includes:**

- » A set supports and coach screws.
- » A 6 mm spindle.
- » 4 coach screws.



Product code	Finishes
MVISEME	IS

# Institutional stainless AISI 304 pull handle

## Stainless pull handles 30 mm diameter

Maximum resistance and durability. Design and ergonomics. These are the most important features for pull handles oriented towards the institutional segment. They will have to endure intensive use, due to the high traffic they are subject to, and meet functionality criteria such as ease of evacuation, etc. They must remain unaffected by any climatic conditions, both indoors and outdoors. But they must also fit in aesthetically with the features of the building, adapting to each project with total precision. TESA brings you a magnificent collection of handles oriented towards the institutional segment, made in stainless steel.

### General features

- » Simple or double installation
- » Available in 20 mm diameter
- » For doors made of wood, glass, metal or PVC.

### Materials and finishes


- » AISI304 Stainless steel.


### Fixations


- » Simple fixation.
- » Double fixation.
- » Fixation in glass, wood and aluminium

### Sizes

- » Each model is available in various sizes between 300mm and 2000mm.
- » Standard sizes.
- » Check for special sizes
- » The length of the pull handle corresponds to the distance between axis

	Product code	Model	Description
	TSR300IM	Simple	Straight unitary pull handle 300X30AISI304
	TSR350IM	Simple	Straight unitary pull handle 350X30AISI304
	TSR400IM	Simple	Straight unitary pull handle 400X30AISI304
	DTSR300IM	Double	Set of straight unitary pull handles 300X30AISI304
	DTSR350IM	Double	Set of straight unitary pull handles 350X30AISI304
	DTSR400IM	Double	Set of straight unitary pull handles 400X30AISI304

	Product code	Model	Description
	TSC300IM	Simple	Bent unitary pull handle 300X30AISI304
	TSC350IM	Simple	Bent unitary pull handle 350X30AISI304
	TSC400IM	Simple	Bent unitary pull handle 400X30AISI304
	DTSC300IM	Double	Set of bent unitary pull handles 300X30AISI304
	DTSC350IM	Double	Set of bent unitary pull handles 350X30AISI304
	DTSC400IM	Double	Set of bent unitary pull handles 400X30AISI304

	Product code	Model	Description
	TSCA250IM	Simple	Bent curved unitary pull handle 250X30AISI304
	TSCA300IM	Simple	Bent curved unitary pull handle 300X30AISI304
	DTSCA250IM	Double	Set of bent curved pull handles 250X30AISI304
	DTSCA300IM	Double	Set of bent curved pull handles 300X30AISI304



# Institutional stainless AISI 304 pull handle

## Stainless pull handles 30 mm diameter



Product code	Model	Description
TSRL400IM	Simple	Straight unitary pull handle length 400X30AIS1304
TSRL500IM	Simple	Straight unitary pull handle length 500X30AIS1304
DTSRL400IM	Double	Set of straight unitary pull handles length 400X30AIS1304
DTSRL500IM	Double	Set of straight unitary pull handles length 500X30AIS1304



Product code	Model	Description
TSKU300IM	Simple	Kubika unitary pull handle length 300X30AIS1304
TDKU300IM	Double	Set of Kubika pull handles length 300X30AIS1304
TSKU500IM	Simple	Kubika unitary pull handle length 500X30AIS1304
TDKU500IM	Double	Set of Kubika pull handles length 500X30AIS1304



Product code	Model	Description
TSOB300IM	Simple	Obbal unitary pull handle length 300X30AIS1304
TDOB300IM	Double	Set of Obbal pull handles length 300X30AIS1304

Product code	Model	Description
FTS2M(madera/aluminio)	Simple	Unitary kit for wood / aluminium doors
FTS2V (vidrio)	Simple	Unitary kit for glass
DFTS2M(madera/aluminio)	Double	Double kit for wood / aluminium doors
DFTS2V (vidrio)	Double	Double kit for glass
TSCA250IM	Simple	Bent curved unitary pull handle 250X30AIS1304
TSCA300IM	Simple	Bent curved unitary pull handle 300X30AIS1304
DTSCA250IM	Double	Set of bent curved unitary pull handles 250X30AIS1304
DTSCA300IM	Double	Set of bent curved unitary pull handles 300X30AIS1304

## Stainless pull handles 20 mm diameter



Model	Product code	Model	Description
	DTR20150IM	Double	Set of straight pull handles 150X20 AISI304
	DTR20200IM	Double	Set of straight pull handles 200X20 AISI304
	DTR20225IM	Double	Set of straight pull handles 225X20 AISI304
	DTR20300IM	Double	Set of straight pull handles 300X20 AISI304
	TR20150IM	Simple	Straight pull handles 150X20 AISI304
	TR20200IM	Simple	Straight pull handles 200X20 AISI304
	TR20225IM	Simple	Straight pull handles 225X20 AISI304
	TR20300IM	Simple	Straight pull handles 300X20 AISI304
	DFTS2MD20	Double	Wood/aluminium fixation for set of pull handles AISI304 30-60
	DFTS2VD20	Double	Glass fixation for set of pull handles AISI304 10-15
	FTS2MD20	Simple	Wood / aluminium fixation for unitary pull handle AISI304 30-60
	FTS2VD20	Simple	Glass fixation for unitary pull handle AISI304 10-15

# Solutions for special applications

## Antimicrobial door handle - bio proof product

- » Micro-organisms can be found everywhere and represent a serious problem in the maintenance of infrastructures aimed at public and medical use.
- » It is calculated that 10-20% of nosocomial infections are caused by aerial transmission. Infectious organisms can be dispersed through sneezing, coughing and other means, and many of them fall on a surface in a short space of time.
- » No better solution to this problem has been identified than washing our hands. The habit of washing our hands is not very widespread, occurring in only 40% of the cases in which manual hygiene is recommended.
- » TESA's antimicrobial door handles are stainless steel handles which have a powder coating that makes them resistant to micro-organisms.
- » The active component of this coating is silver ions covered in zeolite, a kind of crystal whose function is to release the silver little by little.
- » Certificates from the University of Pavia are available, they confirm the effectiveness of the coating.
- » Available for any residential handle (except for Solid range) and for any AISI316 handle.
- » Also available for antipanic exit devices and knobset locks.

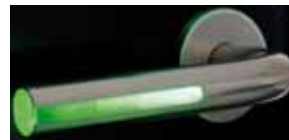
Product code	Finish
MS0L885	GIAM
MS5C800	GIAM

## Photoluminescent handle

- » The door handle is suitable for use in evacuation routes, emergency exits and in any room where it is important to be able to locate it immediately without light, for example a garage.
- » It complies with regulation UNE 23035-1 (DIN 67510-1) according to test report N° C/050195. The minimum luminance values required by photoluminescent products which are to be used in signs are:
  - Luminance at 10'  $\geq$  40mcd/m<sup>2</sup> (n/test: 101.8mcd/m<sup>2</sup>).
  - Luminance at 60'  $\geq$  5.6mcd/m<sup>2</sup> (n/test: 13.67mcd/m<sup>2</sup>).
  - Decay time  $\geq$  800' (n/test: 1507').
- » Available for any residential handle (except for Solid range) and for any AISI316 handle.
- » Also available for antipanic exit devices and knobset locks.

## Brighthandle

- » You can find 3 designs of handles: ALFA, DOT and LINE.
- » The models with battery (BATTERY) are very easy to install, when you turn from the inside the deadbolt the external handle lights up in red. When the access is free again the handle turns off.
- » In the ONLINE models (wiring) the handle is constantly light up, for this a transformer and a door loop are needed (FATEL12V and PASCABL1). When you turn from the inside the deadbolt the external handle lights up in red, when the access is free again the handle lights up in green.
- » In the ONLINE DUO models, both interior and exterior handles are light up.



Line



Dot

Model	Description	Product code
Alfa	Battery	MBRIGHTABIS
	Online duo	MBRIGHTAODIS
	On line	MBRIGHTAOIS
Dot	Battery	MBRIGHTDBIS
	Online duo	MBRIGHTDODIS
	Online	MBRIGHTDOIS
Line	Battery	MBRIGHTLBIS
	Online duo	MBRIGHTLODIS
	Online	MBRIGHTLOIS



Description	Product code
Photoluminescent Sena handle	MS5L800BLFL
Stainless steel AISI 316L Sena handle	MS5L800ISFL

# Solutions for special applications

## Stand-alone access control

### Handle

#### Easy and comfortable

CodeHandle is a set of handles with access control without any cards or keys, simple and effective. Its suitable for any kind of interior door, in residential or institutional environments where comfortable and ease of use its a priority. Code handle is the solution for most of the restricted areas: offices, warehouses, private areas, wardrobe, etc.

#### Attractive design and easy to install

As the keyboard is integrated in the handle is a more attractive option than the wall readers. Also is very easy to install: without cables, without special drills... you can install it as any other handle.

#### Technical features:

- » In doors: patented stand alone access control with code for internal door. A complete set is supplied including handles, rosettes, spindle, fixing through bolts and instructions. For 35 - 80 mm door thickness.
- » In windows, the handle is supplied with fixing screws and instructions.
- » Fits lock cases DIN standard. 8 mm spindle.
- » One master code and up to nine different user codes.
- » Auto locking function available.
- » Two CR2, 3V lithium batteries in the outer handle.
- » Visual and acoustic feedback.
- » Easy to fit, no cables.
- » Available for right- and left hand doors.
- » Only for indoor use.
- » Material: brushed stainless steel and satin chrome zink.



#### Function:

- » Four buttons to press a four- to six digit code to unlock and one button to lock.
- » Green light flashes and a sound is heard when the buttons are pressed for unlocking.
- » Red light flashes and a sound is heard when locking.
- » Master code and user code is programmed at installation. Can be changed unlimitedly.
- » If wrong code is pressed five times the handle is blocked for three minutes.
- » Free swing from the outside when locked, always possible to open with the handle from the inside.
- » The two batteries gives approximately 100.000 operations.
- » Red light indicates low battery when approximately 500 operations left

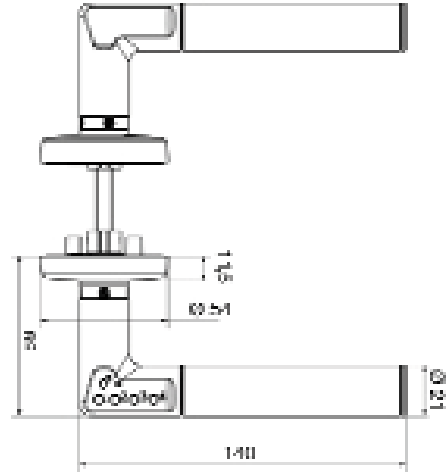
#### Normative

CE according to EN 61000-6-1, EN 61000-6-3, EN 61000-4-2, EN 61000-4-3, EN61000-4-8



# Solutions for special applications

## Stand-alone access control



### Locks for wooden doors

134U5RAI – Latch lock with 50 mm entrance with half cylinder 30 x 10 mm.

203050AI – Latch lock with 50 mm entrance.


TAB and TLB series



134U5RAI


#### IMPORTANT

To make the emergency opening easier we recommend to install TESA Codehandle with a mortise lock with cylinder (for example TESA 2030 or TESA 2010P).

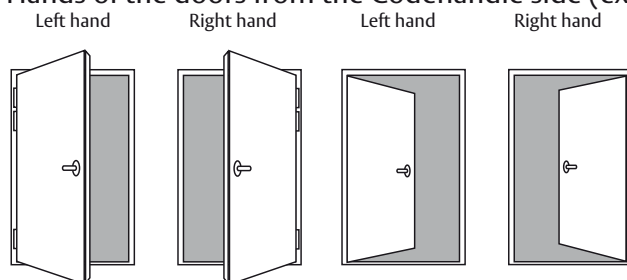
Handle for door	Product code	Finish	Hand
	MCHIR800	CM	Left
	MCHDR800	CM	Right

Available without keypad. Product codes: MCHSIR800CM ( left hand)  
MCHSDR800CM ( right hand)

Available blister display. Product codes: MCHVIR800CM ( left hand)  
MCHVDR800CM ( right hand)

Handle for window/patio	Product code	Finish	Hand
	MVCHIR800	CM	Left
	MVCHDR800	CM	Right

### Hands of the doors from the Codehandle side (exterior):



# Solutions for special applications

## For swinging and sliding doors

### DEC: Disabled Elderly Children

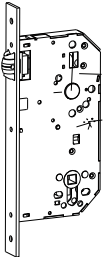
Specifically designed mechanism for making the access, exit and comfort easier for users with limitations:

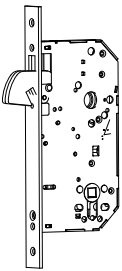
- » Handicapped, elderly and children with reduced mobility.
- » Specially for swinging or sliding toilet doors.
- » Geriatric hospitals, health centers, hospitals in general, nursery (school), daycare centers, etc.

### Features:

- » From the outside, when you push the door opens.
- » From the inside, the roller blocks lifting up the handle.
- » From the inside, the roller unblocks lifting down the handle.
- » The rollers allows the opening to the outside and to the inside.
- » In the case of sliding doors instead of a roller we apply a hook. Equivalent system as with the roller.
- » Red sign means occupied and green sign means free.
- » Emergency opening with screwdriver or coin.
- » BRAILLE KIT OPTION: check in the "handles" chapter.
- » ANTIMICROBIAL OPTION: check in the "handles" chapter.



Set DEC solutions	Kind of door	Model	Finish
	Swinging door	2DEC66DAI	60
	Swinging door	2DEC66IAI	60

Set DEC solutions	Kind of door	Model	Backset	Finish
	Sliding door	2DEC86DAI	60	AI
	Sliding door	2DEC86IAI	60	AI

### DEC solution elements

Swinging lock

Sliding lock

Set of squared plate

# Institutional aluminium handles

Addressed basically to high traffic institutional buildings: public buildings, hospitals, universities, hotels, malls, cinemas, etc. Choice is based on functional criteria: ease of evacuation with U-shaped or L-shaped handles (Sena and Vector); resistance and durability of the mechanism and the finishes...





## Aluminium Finish

Two kind of finishes: anodized and lacquered. Anodizing is an electrolytic process that results in the anodic oxidation of the handle's surface, creating a strong, resistant 14-15-micra layer that protects the object from corrosion.

## Fixing system

Depending on each model, fixing is carried out through floating through bolts or coach screws straight onto the door's leaf. In this last case you can order floating through bolts that will go through the door making the installation more resistant. Hidden screws are used in order to prevent the handles from being stolen.

## Anodized finishes

 F1 Silver	 F4 Light bronze
 F2 Champagne	 F5 Dark bronze
 F3 Gold	 F6 Stainless steel

## Lacquered finishes

 AN Black	 AB White
--	--

\* F1, F6, AN and AB finishes have a minimum corrosion resistance (ASTM-B117/90) of 240 hours.



# Institutional aluminium handles

## Sena

### The pack with a rosette includes

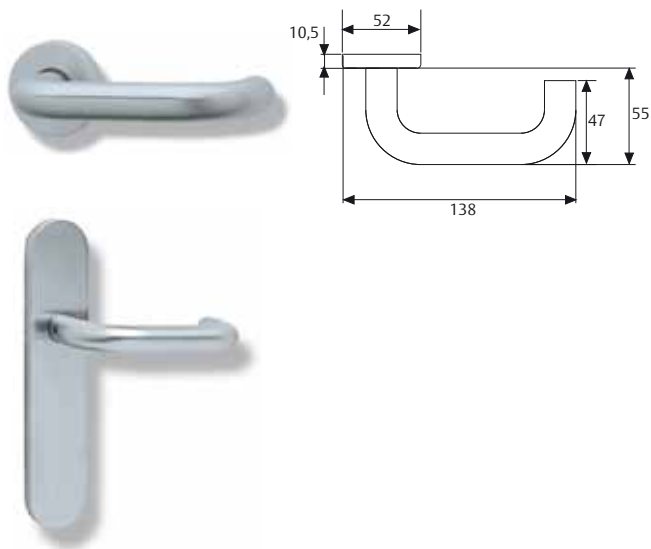
- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, a recoil spring, 4 coach screws, 2 through bolts, 2 bolts and an Allen key.

### The pack with a long plate includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, a recoil spring, 4 coach screws, 2 bolts and an Allen key.

### Functions

- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.



Rossete	Product code	Finishes	Cylinder at 85 mm	Product code	Finishes
	MS5R800	F1		MSOL885	F1
	MS5R800	F6		MSOL885	F6
	MS5R800	AN		MSOL885	AN
	MS5R800	AB		MSOL885	AB

Long plate	Product code	Finishes	Half handle at 85 mm	Product code	Finishes
	MS5L800	F1		MSEL847	F1
	MS5L800	F6		MSEL847	F6
	MS5L800	AN		MSEL847	AN
	MS5L800	AB		MSEL847	AB

Cylinder at 47 mm	Product code	Finishes	Pull handle	Product code	Finishes
	MSOL847	F1		TIRADR	F1
	MSOL847	F6		TIRADR	F6
	MSOL847	AN		TIRADR	AN
	MSOL847	AB		TIRADR	AB

Cylinder at 70 mm	Product code	Finishes	Oval rosette	Product code	Finishes
	MSOL870	F1		MS5O800	F1
	MSOL870	F6		MS5O800	AN
	MSOL870	AN		MS5O800	AB
	MSOL870	AB		MS5O800	F6

# Institutional aluminium handles

## Vector

### The pack with a rosette includes

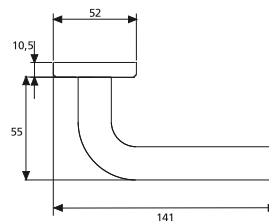
- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, a recoil spring, 4 coach screws, 2 through bolts, 2 bolts and an Allen key.

### The pack with a long plate includes

- » A set of handles with an internal plate and a cover, a 8x105 mm spindle, a recoil spring, 4 coach screws, 2 bolts and an Allen key.

### Functions

- » Entrance: keyhole at 85, 72, 70 and 47 mm.
- » Privacy: deadbolt at 85, 72, 70 and 47 mm.
- » Passage.



Rosette	Product code	Finishes	Cylinder at 70 mm	Product code	Finishes
	MV5R800	F1		MV0L870	F1
	MV5R800	F6		MV0L870	F6
	MV5R800	AN		MV0L870	AN
	MV5R800	AB		MV0L870	AB

Long plate	Product code	Finishes	Cylinder at 85 mm	Product code	Finishes
	MV5L800	F1		MV0L885	F1
	MV5L800	F6		MV0L885	F6
	MV5L800	AN		MV0L885	AN
	MV5L800	AB		MV0L885	AB

Cylinder at 47 mm	Product code	Finishes	Deadbolt	Product code	Finishes
	MV0L847	F1		MVEL847	F1
	MV0L847	F6		MVEL847	F6
	MV0L847	AN		MVEL847	AN
	MV0L847	AB		MVEL847	AB

Oval rosette	Product code	Finishes
	MV5O800	F1
	MV5O800	AN
	MV5O800	AB
	MV5O800	F6



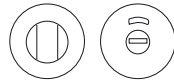
# Institutional aluminium handles: complements

## Deadbolt with visor

» With “free / occupied indicator”.

**The pack includes:**

- » A set supports and coach screws.
- » A 6 mm spindle.
- » 4 coach screws.



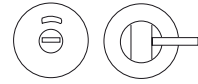
Product code	Finishes
MVISEME	F1
MVISEME	AN
MVISEME	AB
MVISEME	F6

## Deadbolt for handicapped

» Deadbolt for facilitating access with “free / occupied indicator”.

**The pack includes:**

- » A set supports and coach screws.
- » A 6 mm spindle.
- » 4 coach screws.



Product code	Finishes
MVIAEME	F1
MVIAEME	AN
MVIAEME	AB
MVIAEME	F6

## Keyhole cylinder

**The pack includes:**

- » Support and cover.
- » 2 coach screws.



Product code	Finishes
MBORBOM	F1
MBORBOM	AN
MBORBOM	AB
MBORBOM	F6

## Oval keyhole cylinder

**The pack includes:**

- » Support and cover.
- » 2 coach screws.



Product code	Finishes
MOVABOM	F1
MOVABOM	AN
MOVABOM	AB
MOVABOM	F6

# Handles for fire rated doors

## Sena Series

Fire rated and flame-resistant doors preserve the airtightness in a room where a fire has occurred, preventing the flames from spreading to other rooms in the building. The fitting (lock, handle, knob, door closer...) plays an important role here, ensuring the door remains completely closed and no heat or inflammable gases enter the room.

This chapter includes stainless steel handles and steel-based handles (white BL and black NE).

The Sena series has been certified by the LGAI and the UNE 23802 standard as a firebreak handle (minimum resistance to fire tests with the corresponding door: 120 minutes).

### Firebreak spindles

In galvanized steel, capable of enduring high temperatures.

### Steel reduction

Valves in 9 to 8 mm, 8 to 7 mm and 8 to 6 mm for firebreak locks.

### Fixing of the handle

Depending on each model, fixing is carried out with fixed through bolts on the internal plate, or floating through bolts / bolts straight onto the door's leaf.



In this case you can order floating through bolts that will go through the door making the installation more resistant. Fixing screws will be hidden in order to prevent the handles from being stolen in public buildings.

### Finishes

- » Stainless steel    AISI 316L
- » Black                Ral 9005
- » White                Ral 9010

Model	Hand	For lock 2030F	For lock CF50-60	Model	Hand	For lock 2030F	For lock CF50-60
	-	MS0F885NE	MS0F872NE		-		MSMF872NE MSMF872IS16
	-	MS5F800NE	MS5F800NE		-	MSMF800NE	MSMF885IS16
	-	MS0F885IS16	MS0F872IS16		-		MSCF800NE MSCF800IS16
	-	MS5F800IS16	MS5F800IS16		Handle + pull handle	MSTF885NE	
					Handle + pull handle	MSTF885IS16	
	-	MSMF885NE	MSMF885IS16		P. handle + pull handle	MTFEL885IS16*	
					P. handle + pull handle	MTFOL885IS16**	
					P. handle + pull handle	TTFOL885IS16	
	Handle + pull handle		MSTF872NE				
			MSTF872IS16				

\* Privacy with through bolts

\*\* Without through bolts

\*\*\* With through bolts

Available for any institutional handle in AISI 316L.

# Handles for fire rated doors

## Monobloc Series

The MONOBLOC Series has been certified by the DIN 18273 standard for fire rated and flame-resistant doors.

### Handle

Specifically aimed at doors subject to a big strain (hospitals, schools, public buildings).

The internal plate has been fixed to the handle with a black polypropylene coating.

The covers, made of the same material, have been fixed to the internal escutcheon with clips.

Models in which the handle has been attached to the square with a stud bolt (satin black finish) have been certified by the UNE - EN - 1634 - 1: 2000 standard, with a 150 KG. resistance to motion strain and 200,000 actuations.

Specifically designed for locks with DIN sizes (72 mm distance between axis).

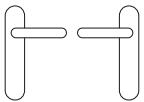

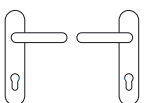

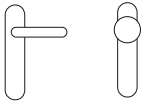
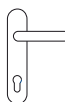
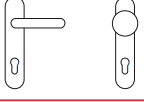

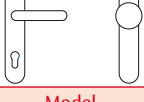



### Fixing of the handle

Hidden by knurled floating through bolts that go through the door's leaf from the outside.



### MONOBLOC Series Finishes








The steel-web handle has a black polypropylene coating (satin or matt) that gives it rigidity and strength, high resistance to solvents, absence of electrostatic charge and stability against light and temperature variations.

Model	Product code	Model	Product code
	ME5L900 (Set of passage handles)		MPTF900 (Half passage knobset)
	ME0L972 BME0L972 (Includes accessories to tighten the axis of the hinge)		MPTF972 (Half knobset with keyhole at 72mm)
	METF900 (Half handle and half passage knobset)		MM0L972 (Half handle with keyhole at 72mm)
	METF972 (Half handle and half knobset with keyhole at 72 mm)		PCM000 (Half cover and blank escutcheon)
	METF72 (Half handle with keyhole at 72 mm and half passage knobset)		PCMCUA (Half cover and passage escutcheon)
	METF72 (Half passage handle and half knobset with keyhole at 72 mm)		PCM972 (Half cover and escutcheon with keyhole at 72mm)



# Handles for fire rated doors

## Monobloc Series

Model	Product code	Model	Product code
	PCM0L000 (Half blank cover)		ECM0L072 (Half escutcheon only with keyhole at 72 mm in zinc plated steel)
	PCM5L900 (Half passage cover)		ECM5L900 (Half passage escutcheon in zinc plated steel)
	PCM0L072 (Half cover only keyhole at 72 mm)		ACCESCFE (Accesories: spindle, bolts and cases)
	PCM0L972 (Half cover with keyhole at 72mm)		ACESTMONOBM5 (2 through bolts M5 monobloc range)
	ECM0L000 (Half blank escutcheon in zinc plated steel)		ACCTENSOR BISC (1000 tensors + CF hinges limit spring)



# Handles for Metallic carpentry (steel and aluminium)

## Nylon Series

Handles for aluminium profiles are suitable for all kinds of metallic profiles and for application in high traffic doors.

### Steel central piece

Fire-resistant steel central piece or adaptor.

### Spindles

8mm galvanized zinc spindles, capable of enduring high temperatures.

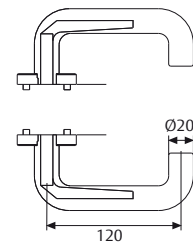
### Fixing of the handle

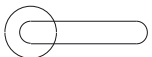



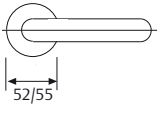



Fixing is carried out with sheet metal screws straight onto the leaf, allowing the installation of these handles in all kinds of metallic profiles.

### Finishes:

Black: NE

White: BL



Rosette + cylinder	Product code	Finishes	Oval rosette + cylinder	Product code	Finishes
	MNRR8BO	BL		MNRO8BO	BL
	MNRR8BO	NE		MNRO8BO	NE
					
Rosette	Product code	Finishes	Oval rosette	Product code	Finishes
	MNRR800	BL		MNRO800	BL
	MNRR800	NE		MNRO800	NE
					


# Handles for Metallic carpentry (steel and aluminium)

## Aluminium series

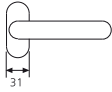
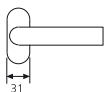


### Fixing of the handle.

Fixing is carried out with sheet metal screws straight onto the leaf, allowing for the installation of these handles in all kinds of metallic profiles. Distance between axis 43 mm.

### Finishes

 F1 Silver	 F4 Light bronze
 F2 Champagne	 F5 Dark bronze
 F3 Gold	 F6 Stainless steel
 AN Black	AB White
 Stainless	



Oval rosette	Product code	Finishes	Oval rosette	Product code	Finishes
	MS50800	F1		MV50800	F1
	MS50800	AN		MV50800	AN
	MS50800	AB		MV50800	AB
	MS50800	F6		MV50800	F6
	MS50800	IS		MV50800	IS
Keyhole	Product code	Finishes	Keyhole	Product code	Finishes
	MOVABOM	F1		MOVABOM	F1
	MOVABOM	AN		MOVABOM	AN
	MOVABOM	AB		MOVABOM	AB
	MOVABOM	F6		MOVABOM	F6
	MOVABOM	IS		MOVABOM	IS

Please check for finishes F2, F3, F4 y F5.

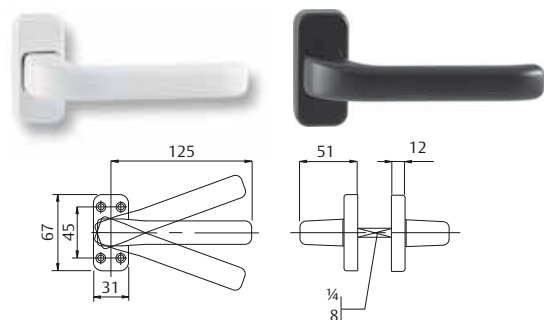
## Aluminium series



### Hidden screws


» The screws that fix the handle to the profile are not visible, preventing the handle from being stolen.

### Fixing of the handle

» Fixing is carried out with sheet metal screws straight onto the leaf, allowing for the installation of these handles in all kinds of metallic profiles.




Rosette	Product code	Finishes	Keyhole	Product code	Finishes
	M1500	BL		B3500*	BL
	M1500	NE		B3500*	NE


Oval rosette	Product code	Finishes
	M2000	BL
	M2000	NE

\* Product code B3500 for handle M1500. Please check for handle M2000

# Accessories


## Floating through bolts for doors between 28 and 52 mm


Squared rosette	Product code	Features
	TORROSETA	For rosette handles
		Exterior flat-headed
		Interior slot-headed

Cylinder at 85 mm	Product code	Features
	TORPLACA	For squared or long plate handles
		Exterior slot - headed
		Interior slot-headed

\* Each Product code includes 2 set of screws for the set of handles

## Floating through bolts for doors between 55 and 70 mm

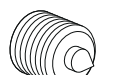
Squared rosette	Product code	Features
	TORROSETA70	For rosette handles
		Exterior flat-headed
		Interior slot-headed

Cylinder at 85 mm	Product code	Features
	TORPLACA70	For squared or long plate handles
		Exterior slot - headed
		Interior slot-headed




\* Each Product code includes 2 set of screws for the set of handles



## Bolts

	Metrics	Product code	Handle	Finishes	Packaging
	M 6x8A	TORPRI68AIS	Stainless series	Chemical stainless	50
	M 6x8	TORPRI68IS	Stainless series	Stainless	50

	Metrics	Product code	Handle	Finishes	Packaging
	M 5x10	TORPRI510IS	Serie Thema y Hermes	Stainless	50
	M 6x9	TORPRI69N	Mare serie	Chemical stainless	50

## Recoil springs

MUELL L	Product code	Features	Packaging
	MUELLE L	Thema, Delta and Hermes series Sena and Vector series	50
		Long plate. Unique sense of turn	
MUELL LD	Product code	Features	Packaging
	MUELLE LD	Thema, Delta and Hermes series Sena and Vector series	50
		Long plate. Double sense of turn	
MUELL C	Product code	Features	Packaging
	MUELLE C	Mare squared plate and rounded rosette	50

MUELL L	Product code	Features	Packaging
	MUELLE M	Mare, squared rosette and long plate series in all the finishes	50
MUELEL RK	Product code	Features	Packaging
	MUELLE RK	Kubica and Obbal series	50

## Braille signposting

- » Braille stickers according to UNE 170002.
- » Done in self-adhesive and high relief transparent vinyl.
- » 50 x 30 mm dimensions.



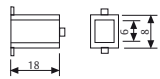
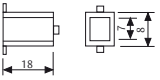

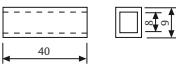
Product code  
KITBRAILLEH







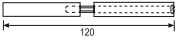

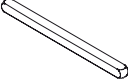

Product code  
KITBRAILLEM

# Accesories

## Reducers

Models	Product code	Features	Packaging
	44600HH	From 8 to 6 mm For fire rated locks with single nut	50
	44700HH	From 8 to 7 mm For fire rated locks with single nut	50
	44900HH	From 9 to 8 mm For fire rated locks with double nut	50
	CASQUCF50	From 9 to 8 mm For fire rated locks with single nut	50

## Spindles

Models	Product code	Features	Packaging
	MEDCUADRA	Half spindle 8x8x60 mm.	50
	CUADRAM CUADRAM80	Half spindle with seesaw, 8x8x65 mm Half spindle with seesaw, 8x8x80 mm	50
	CUADRAB80	Half expansion spindle, 8x8x80 mm	50
	CUADRA8M	Expansion spindle 8x8x105 mm (for doors between 30 and 55mm)	50
	CDFUEGO8M	Fire double nut spindle 8x120 mm	50
	CUADRA8140M	8X140 mm MARE spindle (for doors between 55 and 90mm)	50
	CUADRA8150	Spindle 8X150 mm (for doors between 90 and 100mm)	50
	CUADRAE	Fixed spindle that prevents the turn of the handle	50
	KITCUADRA87	Kit for setting up 8 mm spindle handles with 7 mm spindle locks	50
	CLIPSEGD16	Additional security clip	50





---

## **ASSA ABLOY**

Talleres de Escoriaza, S.A.U.  
Barrio Ventas, 35 • E-20305 Irun • SPAIN  
Tel.: +34 943 669 100 • Fax: +34 943 622 189  
[www.tesa.es](http://www.tesa.es)

ASSA ABLOY is the global leader in door opening solutions,  
dedicated to satisfying end-user needs for security, safety and convenience.