

# INSTITUTIONAL STAINLESS STEEL HANDLES



FORTRESS LAND



### Premium institutional handle

#### Mare

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

It meets the legislation currently in force for building fitting standard En1906 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 ideal for outdoors.

#### Fixing system

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

#### PVD Finish.

- Highly resistant finish that gives the handle a metallic look. PVD is equivalent to a chrome or stainless finish with a metallic brass look.
- From PVD we obtain the finishes ISD and LPD. Minimum corrosion resistance (ASTM-B117/90).
- CM, CR, PVD and IS16 finishes: up to 500 hours.



# Door Handles

## Premium institutional 316 handle

## Fortress Land Door Hardware

### Premium institutional handle

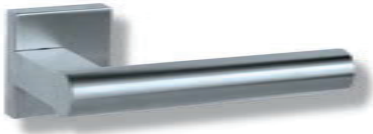
#### Mare

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: PVD Inox, PVD Polished Brass.

(Note: Cylinder covers & privacy turns are sold separately)



TESA Mare Lever Handle on Square Rose		
Description	Code	Finish
TESA Mare - Lever Handle on Square Rose	MM5RC800ISD	PVD Inox
TESA Mare - Lever Handle on Square Rose	MM5RC800LPD	PVD Polished Brass
<b>Important Note:</b> cylinder cover sold separately.		



TESA Mare Lever Handle on Round Rose		
Description	Code	Finish
TESA Mare - Lever handle on rose	MM5R800ISD	PVD Inox
TESA Mare - Lever handle on rose	MM5R800LPD	PVD Polished Brass
<b>Important Note:</b> cylinder covers sold separately.		



TESA Mare Door Pull		
Description	Code	Finish
TESA Mare - Pull 400mm (Single)	TICM4020ISD	PVD Inox
TESA Mare - Pull 400mm (Single)	TICM4020LPD	PVD Polished Brass
Accessories		
Kit For Glass Door	KITMCRIS	-

### Premium institutional handle Accessories

#### Squared key holes

- The pack includes:
- » A set of supporting pieces and covers
  - » 8 screws.



#### 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.



Accessories - TESA Mare Square		
Description	Code	Finish
TESA Mare - Square Cylinder Covers	MACBORBOMISD	PVD Inox
TESA Mare - Square Cylinder Covers	MACBORBOMLPD	PVD Polished Brass
TESA Mare - Square Thumb Turns	MACBOREMEISD	PVD Inox
TESA Mare - Square Thumb Turns	MACBOREMELPD	PVD Polished Brass

Dimensions:



48 mm

#### Rounded key holes

- The pack includes:
- » A set of supporting pieces and covers
  - » 8 screws.



#### 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.



Accessories - TESA Mare Round		
Description	Code	Finish
TESA Mare - Round Cylinder Covers	MABORBOMISD	PVD Inox
TESA Mare - Round Cylinder Covers	MABORBOMLPD	PVD Polished Brass
TESA Mare - Round Thumb Turns	MABOREMEISD	PVD Inox
TESA Mare - Round Thumb Turns	MABOREMELPD	PVD Polished Brass

Dimensions:



Ø53 mm

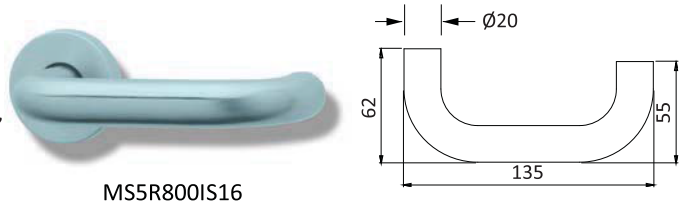
### Institutional stainless AISI 316 handle

AISI316 stainless steel also known as 'marine steel' due to its excellent behaviour in aggressive and saline environments, brings a long lasting finishes and long life time of the lever handles.

Sena AISI 316 handles come in a complete range to suite different door functions. Suitable for marine offshores facilities, commercial buildings, hospitals, schools, factories, infrastructure buildings & other public facilities. UNE-EN1906 and UNE-EN 1670 certificates guarantee CE standard for building fittings and corrosion, chemical attack & ultraviolet resistance even in outdoors installations.

#### Sena AISI 316 - Rosette

The pack with a rosette includes: a set of handles with an internal plate and a cover, 8x105mm spindle, 2 recoil springs, 4 coach screws, 2 through bolts, 2 bolts and an allen key.

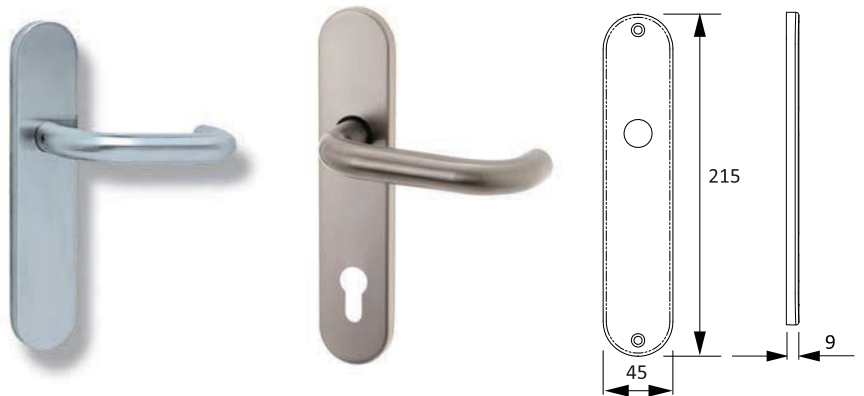


MS5R800IS16

Sena AISI 316 - Rosette		
Description	Code	Finish
Sena AISI 316 - Lever Handle on Rosette	MS5R800IS16	316 Stainless Steel
<b>Important Note:</b> Round Rose lever Handle Set Not Including Cylinder Covers.		

#### Sena AISI 316 - Long Plate

The pack with a long plate includes: a set of handles with an internal plate and a cover, a 8x105mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an allen key.



Sena AISI 316 - Long Plate		
Description	Code	Finish
Sena AISI 316 - Lever Handle on Long Plate - Passage	MS5L800IS16	316 Stainless Steel
Sena AISI 316 - Lever Handle on Long Plate with cylinder at 85mm	MS0L885IS16	316 Stainless Steel

#### Sena AISI 316 - Square Plate

The pack with a squared plate includes: a set of handles with a 1.5mm thick internal plate and a cover, a 8x105mm spindle, 2 recoil springs, 4 floating through bolts, 4 coach screws, 2 through bolts and an allen key.



MS5C800IS16

MS0C885IS16

Sena AISI 316 - Square Plate	
Description	Code
Sena AISI 316 - Lever Handle on Square Plate - Passage	MS5C800IS16
Sena AISI 316 - Lever Handle on Square Plate - Cylinder at 85mm	MS0C885IS16

### Institutional stainless AISI 316 Escutcheons

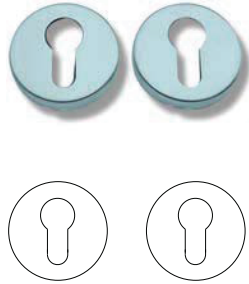
#### Key holes Ø50

The pack includes:

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

Finish

- » IS316



Product code	Finish
MBORBOMIS16	316 Stainless

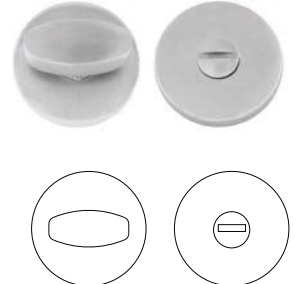
#### Thumb turns Ø50

The pack includes:

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

Finish

- » IS316



Product code	Finish
MBOREMEIS16	316 Stainless

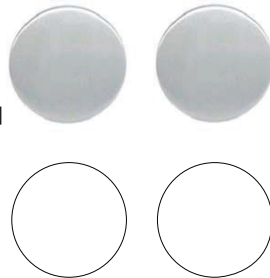
#### Blank

The pack includes:

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

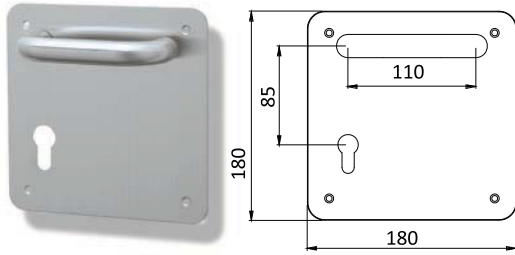
Finish

- » IS316



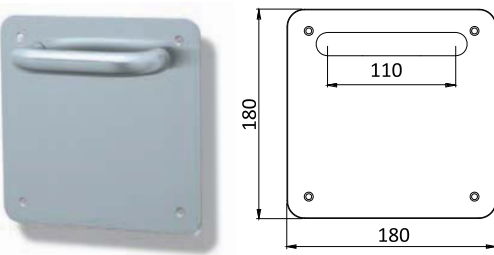
Product code	Finish
MBOR000IS16	316 Stainless

### Sena AISI 316 Push & Pull Plates



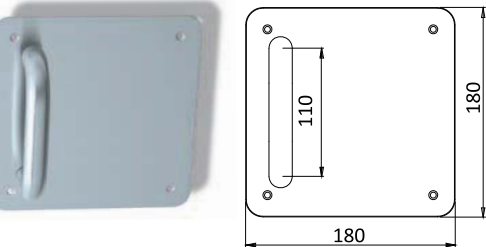
**Sena AISI 316 - Horizontal pull handle on square plate with cylinde hole**

Description	Code	Finish
Sena AISI 316 - vertical pull handle on square plate with cylinder hole	MSTT885IS16	316 Stainless



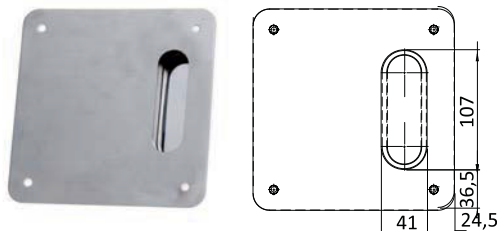
**Sena AISI 316 - Horizontal pull handle on square plate**

Description	Code	Finish
Sena AISI 316 - horizontal pull handle on square plate	MSMT800 (half)	316 Stainless
Sena AISI 316 - horizontal pull handle on square plate	MSTT800 (double)	316 Stainless



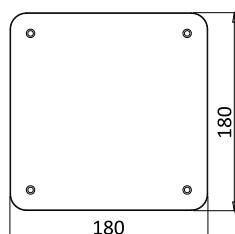
**Sena AISI 316 - vertical pull handle on square plate**

Description	Code	Finish
Sena AISI 316 - vertical pull handle on square plate	MSMT80V (half)	316 Stainless
Sena AISI 316 - vertical pull handle on square plate	MSTT80V (double)	316 Stainless



**Sena AISI 316 - vertical flush pull handle on square plate**

Description	Code	Finish
Sena AISI 316 - vertical flush pull handle on square plate	MSTT80EMIS16 (double)	316 Stainless



**Sena AISI 316 - blank square plate**

Description	Code	Finish
Sena AISI 316 - blank square plate	PCCIEGAIS16	316 Stainless

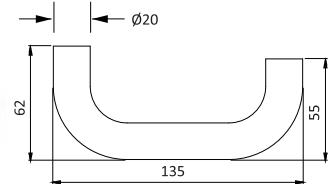


### Institutional stainless AISI 304 handle

Sena AISI 304 handles come in a complete range to suite different door functions. Suitable for commercial buildings, hospitals, schools, factories, infrastructure buildings & other public facilities. UNE-EN1906 and UNE-EN 1670 certificates guarantee CE standard for building fittings and corrosion, chemical attack & ultraviolet resistance even in outdoors installations.

#### Sena AISI 304 - Rosette

The pack with a rosette includes: a set of handles with an internal plate and a cover, 8x105mm spindle, 2 recoil springs, 4 coach screws, 2 through bolts, 2 bolts and an allen key.

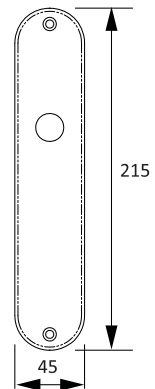


MS5R800IS-

Sena AISI 304 - Rosette		
Description	Code	Finish
TESA - Sena AISI 304 - Lever Handle on Rosette	MS5R800IS-	304 Stainless Steel
<b>Important Note:</b> Round Rose lever Handle Set Not Including Cylinder Covers.		

#### Sena AISI 304 - Long Plate

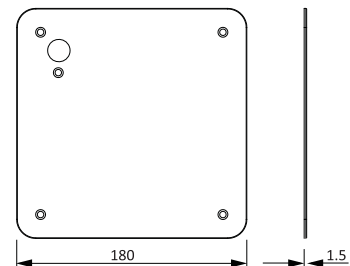
The pack with a long plate includes: a set of handles with an internal plate and a cover, a 8x105mm spindle, 2 recoil springs, 4 coach screws, 2 bolts and an allen key.



Sena AISI 304 - Long Plate		
Description	Code	Finish
TESA - Sena AISI 304 - Lever Handle on Long Plate - Passage	MS5L800IS-	304 Stainless Steel
TESA - Sena AISI 304 - Lever Handle on Long Plate with cylinder at 85mm	MSOL885IS-	304 Stainless Steel

#### Sena AISI 304 - Square Plate

The pack with a squared plate includes: a set of handles with a 1.5mm thick internal plate and a cover, a 8x105mm spindle, 2 recoil springs, 4 floating through bolts, 4 coach screws, 2 through bolts and an allen key.



Sena AISI 304 - Square Plate		
Description	Code	Finish
TESA - Sena AISI 304 - Lever Handle on Square Plate - Passage	MS5C800IS-	304 Stainless Steel
TESA - Sena AISI 304 - Lever Handle on Square Plate - Cylinder at 85mm	MSOC885IS-	304 Stainless Steel

# Door Handles

## 304 Handles

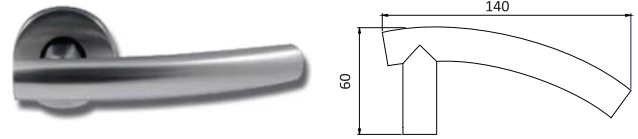
## Fortress Land Door Hardware

### 304 lever handle

Ladho stainless A ISI 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.



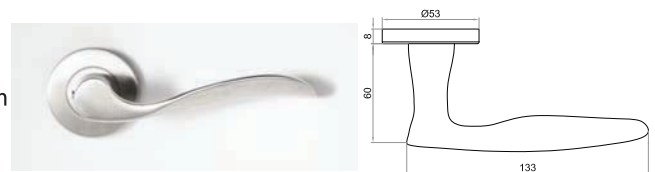
Rosette	Product code	Finish
Rosette	ML5R800	IS-

Important note: Lever handle set not including the cylinder covers. Please order cylinder cover separately as needed.

### Oasis Stainless AISI 304

The pack with a rosette includes

- » A set of handles with an internal plate and a cover, a 8 x105mm spindle, 4 coach screws, 2 through bolts, 2 bolts and an Allen key.



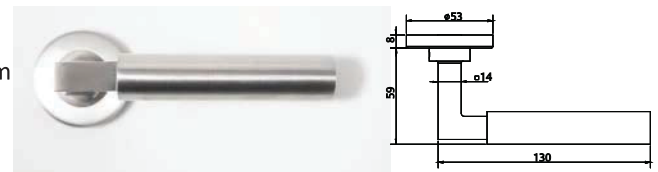
Rosette	Product code	Finish
Rosette	MOA5R800SSIS	IS-

Important note: Lever handle set not including the cylinder covers. Please order cylinder cover separately as needed.

### Mach Stainless A ISI 304

The pack with a rosette includes

- » A set of handles with an internal plate and a cover, a 8x105mm spindle, 4 coach screws, 2 through bolts, 2 bolts and an Allen key.



Rosette	Product code	Finish
Rosette	MMH5R800SSIS	IS-

Important note: Lever handle set not including the cylinder covers. Please order cylinder cover separately as needed.

### Arena Stainless A ISI 304

The pack with a rosette includes

- » A set of handles with an internal plate and a cover, a 8x105mm spindle, 4 coach screws, 2 through bolts, 2 bolts and an Allen key.



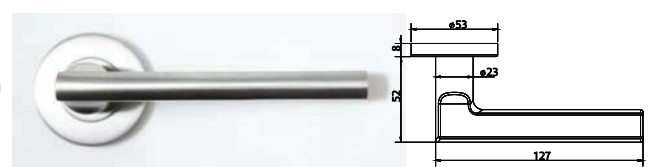
Rosette	Product code	Finish
Rosette	MAR5R800SSIS	IS-

Important note: Lever handle set not including the cylinder covers. Please order cylinder cover separately as needed.

### Funxion Stainless A ISI 304

The pack with a rosette includes

- » A set of handles with an internal plate and a cover, a 8x105mm spindle, 4 coach screws, 2 through bolts, 2 bolts and an Allen key.



Rosette	Product code	Finish
Rosette	MFU5R800SSIS	IS-

Important note: Lever handle set not including the cylinder covers. Please order cylinder cover separately as needed.

### Institutional stainless AISI 304 escutcheons

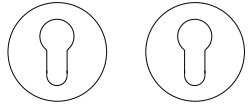
#### Key holes Ø50

The pack includes:

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

Finish

- » IS304



Product code	Finish
MB0RBOMIS-	304 Stainless

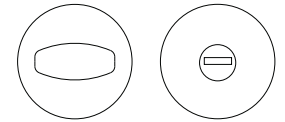
#### Thumb turns Ø50

The pack includes:

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

Finish

- » IS304



Product code	Finish
MBOREMEIS-	304 Stainless

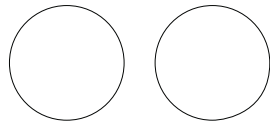
#### Blank

The pack includes:

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

Finish

- » IS304



Product code	Finish
MB0R000IS-	304 Stainless

### Stainless 304 Pull Handles 19 mm

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.

#### General features

- » Single or double installation, M8x70mm fixing screws included.
- » For doors made of wood, glass, metal or PVC.

#### Hollow Models (HW)



Product code	Model	Description
TR19225HWIS	Simple	Straight unitary pull handle 225x19AISI304
TR19305HWIS	Simple	Straight unitary pull handle 305x19AISI304
DTR19225HWIS	Double	Straight unitary pull handle 225x19AISI304
DTR19305HWIS	Double	Straight unitary pull handle 305x19AISI304

#### Materials and finishes

- » AISI304 Stainless steel.
- » Solid (SS)
- » Hollow (HW)

#### Fixations (included)

- » Simple fixation.
- » Double fixation.

#### Sizes

- » Check for special sizes and diameters.
- » The length of the pull handle corresponds to the distance between axis
- » Pull handle height = 55mm for Ø19mm and 65mm for Ø10mm.

### Stainless 304 Pull Handle 30mm

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.

#### General features

- » Simple or double installation. Fixations included.
- » For doors made of wood, glass, metal or PVC.

#### Materials and finishes

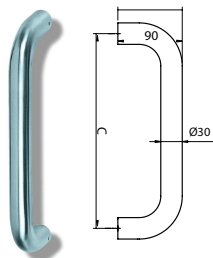
- » AISI304 Stainless steel.

#### Fixations (included)

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

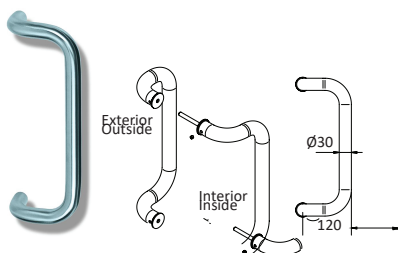
#### Sizes

- » Standard sizes 300mm and 400mm.
- » Call Fortress Land for special sizes
- » The length of the pull handle corresponds to the distance between axis
- » Handle height: 90 mm in all models.



#### Straight type

Product code	Model	Description
DTSR350IS	Double	Set of straight unitary pull handles 350X30AISI304



#### Bent type

Product code	Model	Description
TSC300IS	Simple	Bent unitary pull handle for 1 door (one side only) 300X30AISI304
TSC400IS	Simple	Bent unitary pull handle for 1 door (one side only) 400X30AISI304
DTSC300IS	Double	Set of bent unitary pull handles for 1 door (in & out) 300X30AISI304
DTSC400IS	Double	Set of bent unitary pull handles for 1 door (in & out) 400X30AISI304