



## HÄFELE - WHERE TRUST WAS BUILT FROM COMPETENCE



Founded in Germany in 1923, Häfele is a world-renowned provider of smart home and project solutions. Häfele's superior range of products not only exemplifies German quality standards, but is developed with the philosophy of "functionality" and "easiness" in mind to offer reliable solutions for both professionals and consumers.

Since the establishment in Malaysia in 1993, Häfele has been continuously improving and expanding its products and services, making the key components of Malaysian homes - door security as well as kitchen, wardrobe and the home appliances to a much more efficient spaces.

With innovative solutions, adherence to high standards and a dedicated team, Häfele Malaysia looks to create more modern and optimal living spaces for Malaysian in the future.







#### DOOR HANDLE



PADLOCK



#### **LOCKING & SECURITY**



DOOR HINGE

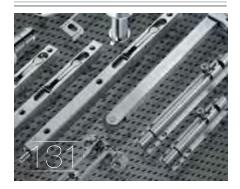
**BORED LOCKS** 



**DOOR CLOSER & FLOOR SPRING** 



DOOR ACCESSORIES



**BATHROOM FITTINGS** 



DOOR SEAL



**SLIDING & FOLDING FITTINGS** 





MOVABLE WALL SYSTEM

**GLASS DOOR FITTINGS** 



## ICON GUIDELINE

## HÄFELE ART.NO.

Each Häfele product has a unique specific code consisting of 8 digits, which are separated by decimal points after the third and fifth digit. Example: 911.02.791

## SEARCHING FOR INDEX

In addition to a general index, at the end of the catalog there is an ascending list of all codes of existing products in the catalogue.

## SYMBOL

Häfele has developed a unique symbology to facilitate identification regarding the availability of the item at Häfele Malaysia. Know their meanings:

### Stock item

Items identified as stock are part of the regular range that Häfele maintains in Malaysia.

## 🛪 Freight item

They are imported items according to your request, on scheduled shipments by plane. Additional freight cost may apply.



At Häfele, we recognise the importance of quality, function and design when it comes to making furniture.

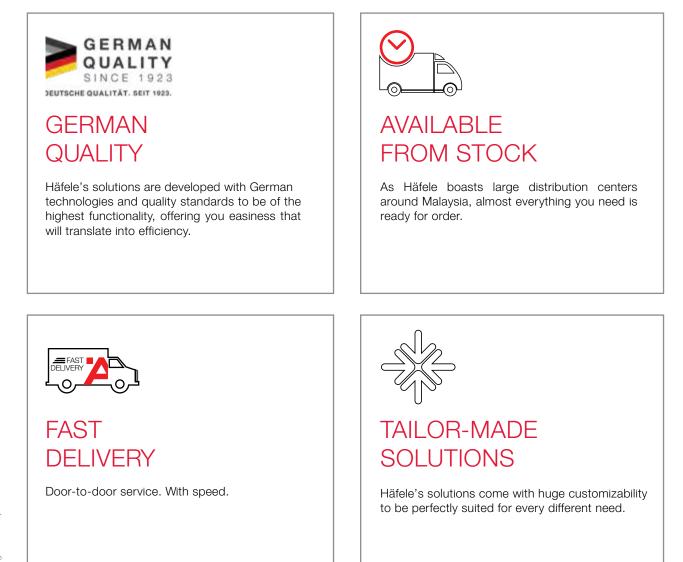
All products that carry a Häfele warranty have met our quality standards and have been tested according to the relevant industry certification.

We are happy to guarantee that the product will function as intended, with no loss of operating quality, for the warranty of that product.



# OUR ADVANTAGES ARE YOUR BENEFITS,

With almost a century of experience and expertise knowledge, Häfele has been trusted by many famous architects, designers, contractors, and developers around the world, when it comes to smart home and project solutions. In Malaysia, Häfele has too established our name as a reliable solution provider among professionals across the sectors of architecture, furniture, and real estate.



## CATALOGUE AND WEBSITE - A POWERFUL TEAM,



## OPTIMAL SUPPORT. FROM IDEA TO MANUFACTURE.

Our motto "Thinking ahead with partners" can be summarised as follows: We don't just want to supply you with products, but support you with your work in as comprehensively a way as possible. We will explain this in somewhat more detail on the following pages. One important element is the combination of catalogue and website, which allows you to plan and implement more eficiently.

The strengths of the catalogue are that it provides a quick overview of the product range as well as product orientation in detail. The website makes it easy to ind, compare and order, provides in-depth information as far as production data and installation instructions, and offers maximum convenience with your personal account. You therefore maintain an overview and your work processes are easier and more convenient.



## QUALITY CERTIFICATES

At Häfele, we recognize the important of quality, function and design when it comes to making furniture.

That is why all Häfele architecture hardware have successfully passed performance and quality assurance tests that are strictly set based on mandatory requirements. From durability, operation functions, safety, to efficiency and capability. These are put to test to make sure Häfele products meet international standard and meanwhile comply to local guidelines.

## Product Tested and Certified by



Intertek is a leading Total Quality Assurance provider to industries worldwide. Intertek Group plc is a British multinational assurance, inspection, product testing and certification company headquartered in London, England.



CERTIFIRE is an independent third party certification scheme that assures performance, quality, reliability and traceability of the fire protection products. Recognised by regulatory authorities worldwide, it is an internationally respected mark of fire safety and one of the most authoritative in the industry.



TÜV SÜD PSB previously known as PSB Corporation is a wholly owned subsidiary of TÜV SÜD AG. With a sterling record of over 50 years, TÜV SÜD PSB over the years has worked with companies across sectors help to address the specific needs of safety, security, quality and sustainability, we work with stakeholders throughout the business life-cycle to provide an integrated approach.





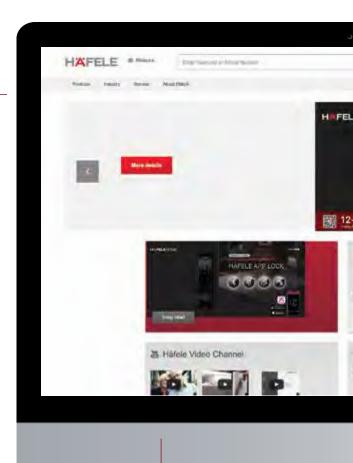
SIRIM

SIRIM QAS International Sdn. Bhd. is Malaysia's leading certification, inspection and testing body. The SIRIM certification is required for market approval in Malaysia. Market approval for radio technology products in Malaysia is issued by the Standards and Industrial Research Institute of Malaysia (SIRIM)

## INTELLIGENT TOOL. THE HÄFELE WEBSITE,

## QUICK AND EASY. PRODUCT SEARCH.

Searching, finding and navigating have become more interactive and intuitive. You enter the required properties quickly and easily in accordance with your planning logic. The first recommendations arrive before you've finished entering the information. The more characteristics you enter, the more specific the recommendations will be. Images are also provided. You can also use intelligent filters to narrow down the selection (additionally or alternatively). You receive an overview with several alternative products, and can conveniently select and compare.



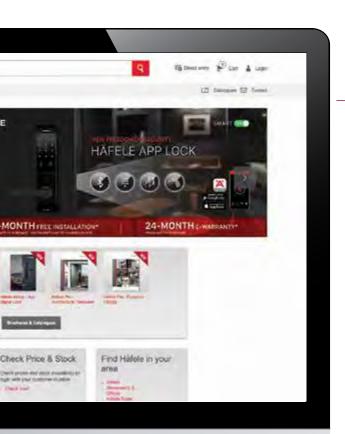
## MAXIMUM CONVENIENCE. . PERSONAL ACCOUNT.

The "My Account" area is an active overview that allows you to find and order products more quickly. You can search through a well-organised list overview of previous orders that you have made using a keyword or a filter and re-order items.

A personal top 100 list shows the items that you have ordered most frequently with a direct link to the shopping basket.

You can create stock lists or create collections of items for projects, furniture items and the like using any number of wish lists. For current orders you can view details of which products in which package are on their way to you. Tangible help during everyday work.



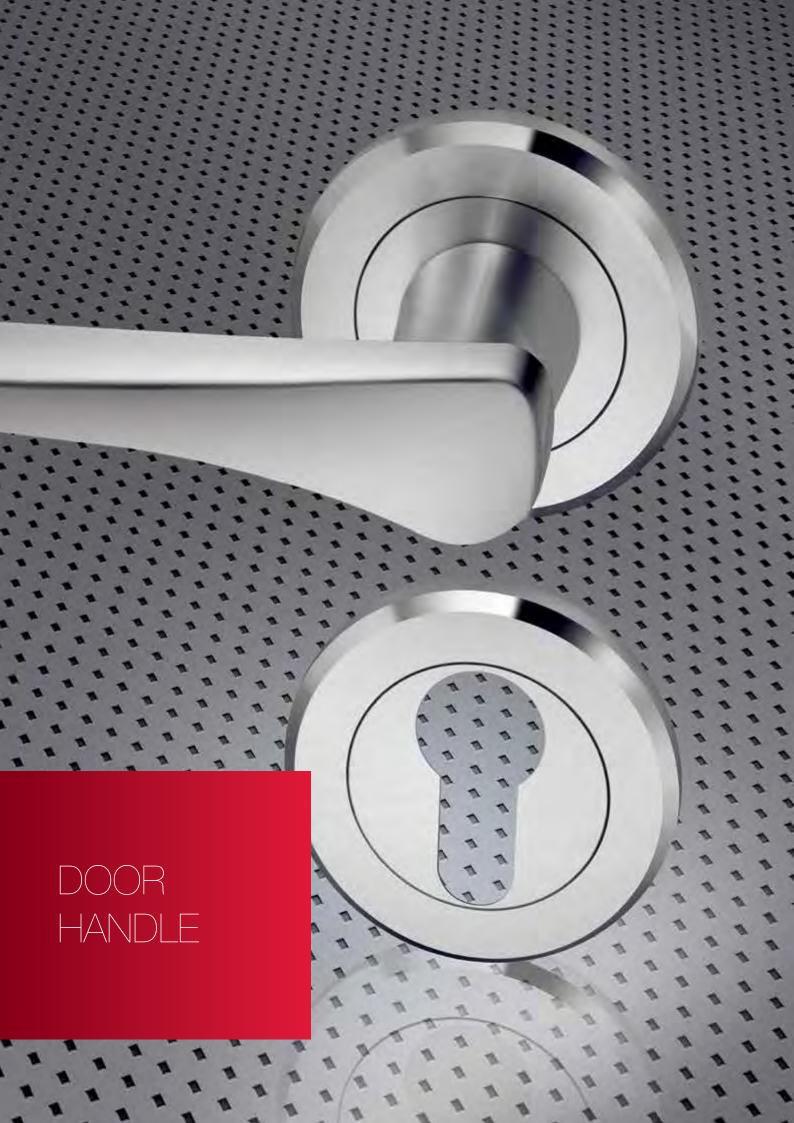


## → AT A GLANCE. ALL OF THE DATA FOR YOUR PLANNING.

All information about the product is organised in an easily accessible way. You will also find other data which you require for planning: CAD and CAM data, photo galleries, service documents, installation instructions, ordering assistance, accessory references and much more including the links to the relevant downloads. Every page of product details is designed in the same way, meaning you will easily manage in an intuitive way. This makes your digital furniture planning process easier and more reliable.

## INSPIRATION. STORED WITH AN ITEM LIST.

In the living ideas area you will always find new suggestions for furniture and functional furnishing solutions from all individually selectable living areas. From practical detailed solutions to innovative room concepts. Comprehensively illustrated with detailed descriptions and a direct link to the Häfele products that have been used. You will find a great deal of inspiration in combination with the references from the project area, with which you can also impress your customers, of course.





## DOOR HANDLES CLASSIFICATION

#### Classification of lever handles in compliance with EN 1906:2010 and EN 1906:2012-12

Lever handles are divided into four categories of use in these standards. The requirements are classified using an eight-position designation system. The products are classified in accordance with the 2002, 2010 and 2012-12 keys. Deviating definitions can be identified by the issue date.

### 8-position classification key in accordance with EN 1906:2010 and EN 1906:2012-12

Position	1	2	3	4	5	6	7	8
EN 1906:2002	Category of use	Durability	Door weight	Fire resistance*	Safety	Corrosion resistance	Forced entry resistance	Version
EN 1906:2010	Category of	Durability						Burglar
EN 1906:2012-12	use	Durability					protection	

#### Meaning of individual positions in classification key:

Position	Possible grades	Meaning
1 Category of use (2002)	1-4	1 = 2002, 2010:
1 Category of use (2010)		Moderate usage frequency by persons who are inclined to take the utmost care and are unlikely to use the fittings incorrectly, e.g. interior doors in residential buildings.
1 Category of use (2012-12)		2012-12: Moderate usage frequency by persons who are inclined to take the utmost care and are unlikely to use the fittings incorrectly, e.g. interior doors in residential buildings.
		2 = 2002, 2010: Moderate usage frequency by persons who are inclined to take (2002: "the utmost") care but may possibly use the fittings incorrectly, e.g. interior doors in office buildings.
		2012-12: Moderate usage frequency by persons who are inclined to take the utmost care but may use the fittings incorrectly, e.g. interior doors in office buildings.
		3 = Frequent use by the public or other persons who are not inclined to take care and are extremely likely to use the fittings incorrectly, e.g. doors in office buildings with public access.
		4 = For use on doors that are frequently subjected to applied force or property damage, football stadiums, oil platforms, military bases or public toilets.
2 Durability (2002)	6-7	6 = Moderate usage frequency: 100,000 test cycles.
2 Durability (2010)		
2 Durability (2012-12)		7 = High usage frequency: 200,000 test cycles.
3 Door weight	No classification	n

## DOOR HANDLES CLASSIFICATION

## Meaning of individual positions in classification key:

Position	Possible grades	Meaning	
4 Fire resistance* (2002) 4 Fire resistance* (2010)	0-1	0 = Not permitted for use on fire resistant and smoke control doors (2002) No classification (2010 and 2012-12).	
		1 = Suitable for use on fire resistant and smoke control doors (2002)	
4 Fire resistance* (2012-12)	0, A, B, C	A = Suitable for use on smoke control doors (2010, 2012-12)	
		A1 = Suitable for use on smoke control doors, 200,000 test cycles completed with test door (2012-12)	
	0, A, A1, B, B1, C, C1,	B = Suitable for use on fire resistant and smoke control doors (2010, 2012-12)	
	D, D1	B1 = Suitable for use on fire resistant and smoke control doors, 200,000 test cycles (2012-12) completed with test door	
		C = Suitable for use on fire resistant and smoke control doors with requirements on lever handle core (2010) Suitable for use on fire restant and smoke control doors with requirements on intumescent pads in backplate rose and escutcheon (2012-12)	
		C1 = Suitable for use on fire resistant and smoke control doors with requirements on intumescent pads in backplate and escutcheons, 200,000 test cycles completed with test door (2012-12)	
		D = Suitable for use on fire resistant and smoke control doors with requirements on special lever handle core in lever handle/knob (2012-12)	
		D1 = Suitable for use on fire resistant and smoke control doors with requirements on special lever handle core in lever handle/knob, 200,000 test cycles completed with test door (2012-12)	
5 Safety	0-1	0 = For normal purposes (2002, 2010, 2012-12)	
		1 = For applications with safety requirements (2002, 2010, 2012-12)	
6 Corrosion resistance	0-5	0 = No defined corrosion resistance (2002), No classification (2010, 2012-12)	
		1 = Low forced entry resistance	
		2 = Average corrosion resistance (2002), Moderate corrosion resistance (2010, 2012-12)	
		3 = High corrosion resistance	
		4 = Extremely high corrosion resistance	
		5 = Extraordinarily high corrosion resistance (2002), Extremely high corrosion resistance (2010, 2012-12)	
7 Forced entry resistance (2010) burglar protection (2010, 2012-12)	0-4	0 = Fittings that are not suitable for use on burglar-proof doors (2002), No classification (2010, 2012-12)	
(2010, 2012-12)		1 = Low forced entry resistance	
		2 = Moderate forced entry resistance	
		3 = High forced entry resistance	
		4 = Extremely high forced entry resistance	

\*The proven fire resistant characteristics can be found in the relevant report



## DOOR HANDLES CLASSIFICATION

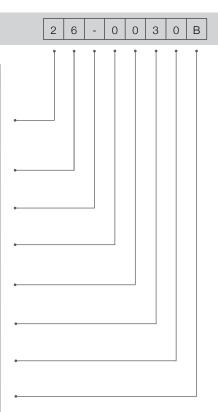
Meaning of individual positions in classification key:				
Position	Possible grades	Meaning		
8 Version	A, B or U	Type A = Spring-assisted fittings		
		Type B = Fittings with sets with pre-tensioned spring (2002), Spring-assisted fitting (2010), Fitting with pre-tensioned spring (2012-12)		
		Type U = Fittings without sets with pre-tensioned spring (2002), Fitting without spring system (2010, 2012-12)		

## Example: "Model LDH 2171" (certified in compliance with EN 1906:2012)



#### Classification code:

Position	Meaning
1 Category of use	Grade 2: Moderate usage frequency by persons who are inclined to take the utmost care but may use the fittings incorrectly, e.g. interior doors in office buildings
<b>2</b> Durability	Grade 6: Moderate usage frequency: 100,000 test cycles
<b>3</b> Door weight	No classification
<b>4</b> Fire resistance	Grade 0: Not permitted for are on fire resistant and smoke control door
<b>5</b> Safety	Grade 0: Normal use
6 Corrosion resistance	Grade 3: High corrosion resistance
<b>7</b> Force entry resistance	Grade 0: Fittings that are not suitable for use on burglar - proof doors.
8 Version	Type B: Fitting with pre-tensioned spring

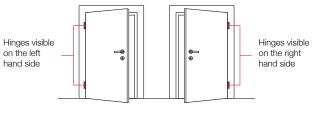


## **DOOR HANDLES INFORMATION**

#### DOOR DIRECTION

The door direction (left/right) according to DIN 107 is determined as follows:

- Visible position of the door hinges on the left: (DIN) left
- Visible position of the door hinges on the right: (DIN) right



DIN left hand

DIN right hand

When selecting alternate sets with asymmetrical handles a distriction to the right/left is required. It is therefore necessary to observe the particular door direction.

#### Examples of asymmetrical lever handles



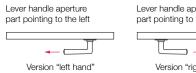


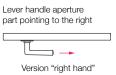
#### Examples of symmetrical lever handles



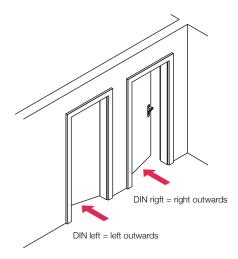


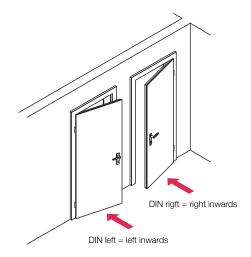
#### LEVER HANDLE DIRECTION





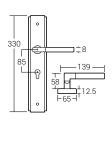
#### **OPENING DIRECTION**

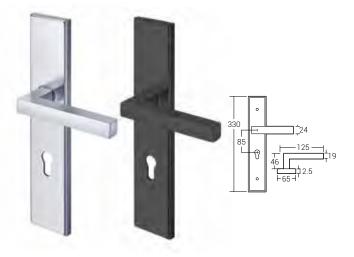




## LEVER HANDLE ON PLATE





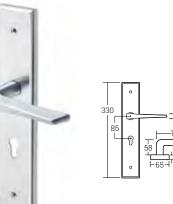


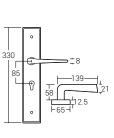
- > Concealed screw
- > 8mm x 8mm spindle

#### MLHP 9114

Material	Finish/colour	Cat.no.	
Stainless Steel SUS 304	S/Steel & S/Steel Polished	903.99.342 •	
	Matt Black	903.99.343	

Packaging: 1 set or 6 sets





- > Bolt through screw
- > 8mm x 8mm spindle

#### MLHP 9110

Material	Finish/colour	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	903.78.584	<b>a</b>

Packaging: 1 set or 6 sets

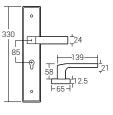


ML	HP	911	5

Material	Finish/colour	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	903.99.344 • 🍙	1
	Matt Black	903.99.345	ì

Packaging: 1 set or 6 sets





- > Bolt through screw > 8mm x 8mm spindle

## MLHP 9112

SUS 304

	Cat.no.	Finish/colour	Material
86 🏫	903.78.586	Stainless Steel	Stainless Steel SUS 304
	903.78.5	Stamless Steel	

Packaging: 1 set or 6 sets

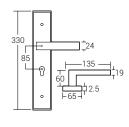
## LEVER HANDLE ON PLATE





Finish/colour

S/Steel & S/Steel Polished



Cat.no.

903.78.153

- > Bolt through screw
- > 8mm x 8mm spindle

Packaging: 1 set or 6 sets

MLHP 9102 Material

Stainless Steel SUS 304

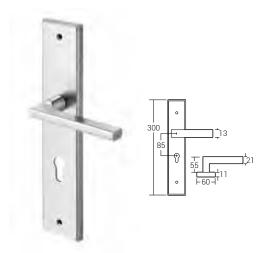
## MLHP 9107

> Bolt through screw

> 8mm x 8mm spindle

Material	Finish/colour	Cat.no.	
Stainless Steel SUS 304	S/Steel & S/Steel Polished	903.78.158 •	<b>a</b>

Packaging: 1 set or 6 sets



- > Bolt through screw
- > 8mm x 8mm spindle

#### MLHP 9103

Material	Finish/colour	Cat.no.	
Stainless Steel SUS 304	S/Steel & S/Steel Polished	903.78.154	

Packaging: 1 set or 6 sets



🟦 Stock Item 🛛 🛪 Freight Item

俞





Finish/colour

Stainless Steel



Cat.no.

903.78.194

俞

> Bolt through screw

Packaging: 1 pair or 20 pairs

MLH 9202 Material

Stainless Steel SUS 304

MLH 9201			Stainless Steel ⊝
Material	Finish/colour	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	903.78.193	俞

Packaging: 1 pair or 20 pairs

> Bolt through screw







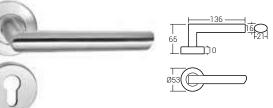


> Bolt through screw

#### MLH 9203

Material	Finish/colour	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	903.78.195	<b>a</b>

Packaging: 1 pair or 20 pairs



> Bolt through screw

MLH 9205			
Material	Finish/colour	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	903.78.197	<b>a</b>

Packaging: 1 pair or 20 pairs





> Bolt through	screw
----------------	-------

MLH 9204

Material	Finish/colour	Cat.no.
Stainless Steel SUS 304	Stainless Steel	903.78.196

Packaging: 1 pair or 20 pairs





> Bolt through screw

#### MLH 9206

Material	Finish/colour	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	903.78.198 •	

Packaging: 1 pair or 20 pairs

\* Price for Lever Handle only Stock Item

🛪 Freight Item

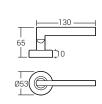




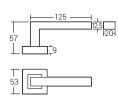
MLH 9207

Material	Finish/colour	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	903.78.199 •	

Packaging: 1 pair or 20 pairs







Cat.no.

903.78.200 •

俞

15.50

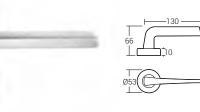
ا Ø53

> Bolt through screw

#### MLH 9209

Material	Finish/colour	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	903.78.201	<b></b>

Packaging: 1 pair or 20 pairs



> Bolt through screw

MLH 9211

		/
Material	Finish/colour	Cat.no.
Stainless Steel SUS 304	Stainless Steel	903.78.581 •

Packaging: 1 pair or 20 pairs

\* Price for Lever Handle only

🕋 Stock Item 🛛 🛪 Freight Item



210

SUS 304

#### > Bolt through screw

> Bolt through screw

MLH 9208 Material

Stainless Steel SUS 304

#### MLH 9210

Material	Finish/colour	Cat.no.
Stainless Steel SUS 304	Stainless Steel	903.78.202

Finish/colour

Stainless Steel

Packaging: 1 pair or 20 pairs



#### > Bolt through screw

#### MLH 9212

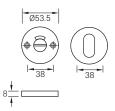
Material	Finish/colour	Cat.no.
Stainless Steel SUS 304	Stainless Steel	903.78.582

Packaging: 1 pair or 20 pairs

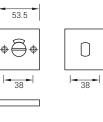


## ESCUTCHEON









#### > Round shape

#### WC Escutheon with Indicator

Material	Finish/colour	Cat.no.	
Stainless Steel SUS 304	Stainless Steel Matt	902.53.204	俞
	Black Matt	902.58.117	

Packaging: 1 pc



## > Square shape

#### WC Escutheon with Indicator

Material	Finish/colour	Cat.no.
Stainless Steel SUS 304	Stainless Steel Matt	902.53.206

Packaging: 1pc



#### > Oval shape



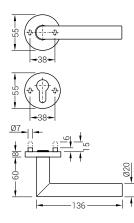
#### WC Escutheon with Indicator

Material	Finish/colour	Cat.no.
Stainless Steel SUS 304	Stainless Steel	902.53.208

Packaging: 1 pc

Stock Item





- > Version: With pre-mounted screws
- > Bearing: Lever handle pivot-fitted in rose
- > Standard: Certified in compliance with EN 1906:2012

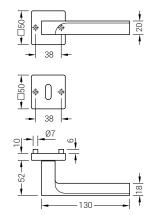


#### PDH4103

Material	Finish/colour	Supplied with	Door thickeness (mm)	Cat.no.
Stainless Steel, Substructure: Steel/ plastic	Black, similar to RAL 9004, PVD Coated	<ul> <li>2 Lever handle aperture parts with 2 handle roses and spindle 8 x 130 mm</li> <li>1 Pair of WC escutcheons with red/white indicator disc and emergency opening function (slot)</li> <li>1 Locking pin 8 x 60 mm, protruding</li> <li>4 Threaded screws M4 x 50 mm</li> </ul>	37-52	903.92.623

Packaging: 1 pair





> Bearing: Lever handle pivot-fitted in rose, sprung

> Standard: Certified in compliance with EN 1906:2012

> Class:	3	7	-	0	0	5	0	В

#### LDH3205

Material	Finish/colour	Supplied with	Door thickeness (mm)	Cat.no.	
Zinc Alloy	Matt Black	2 Lever handle aperture parts with 2 handle roses 1 Spindle 8 x 100 mm	38-50	900.92.491	X
		1 Pair of PC escutcheons			
		4 Threaded screws M4 x 40 mm			
		4 Threaded screws M4 x 50 mm 8 Wood screws 3 x 12 mm			
		1 Reducing sleeve, metal, 8/8.5 mm			

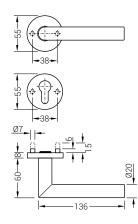
Packaging: 1 pair

\* Price for Lever Handle only

🕋 Stock Item 🛛 🛪 Freight Item







- > Bearing: Lever handle pivot-fitted in rose, sprung
- > Standard: Certified in compliance with EN 1906:2012

Class: 3 7 - 0 0 5 0 B
------------------------

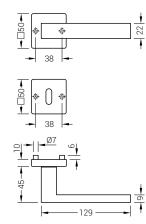
>

#### LDH3215

Material	Finish/colour	Supplied with	Door thickeness (mm)	Cat.no.	
Zinc Alloy	Chrome Plated Satin Finish	<ul> <li>2 Lever handle aperture parts with 2 handle roses</li> <li>1 Spindle 8 x 100 mm</li> <li>1 Pair of PC escutcheons</li> <li>4 Threaded screws M4 x 40 mm</li> <li>4 Threaded screws M4 x 50 mm</li> <li>8 Wood screws 3 x 12 mm</li> <li>1 Reducing sleeve, metal, 8/8.5 mm</li> </ul>	38-50	900.92.496	≭

Packaging: 1 pair





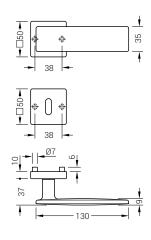
- > Bearing: Lever handle pivot-fitted in rose, sprung
- > Standard: Certified in compliance with EN 1906:2012

> Class: 3	7	-	0	0	5	0	В
------------	---	---	---	---	---	---	---

## LDH3215

Material	Finish/colour	Supplied with	Door thickeness (mm)	Cat.no.
Zinc Alloy	Matt Black	<ul> <li>2 Lever handle aperture parts with 2 handle roses</li> <li>1 Spindle 8 x 100 mm</li> <li>1 Pair of PC escutcheons</li> <li>4 Threaded screws M4 x 40 mm</li> <li>4 Threaded screws M4 x 50 mm</li> <li>8 Wood screws 3 x 12 mm</li> <li>1 Reducing sleeve, metal, 8/8.5 mm</li> </ul>	38-50	900.92.498





- > Bearing: Lever handle pivot-fitted in rose, sprung
- > Standard: Certified in compliance with EN 1906:2012

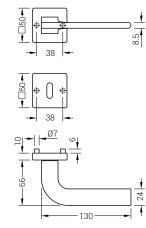
> Class:	3	7	-	0	0	5	0	В
	0	1		0	0		0	

#### LDH3225

Material	Finish/colour	Supplied with	Door thickeness (mm)	Cat.no.
Zinc Alloy	Matt Black	<ul> <li>2 Lever handle aperture parts with 2 handle roses</li> <li>1 Spindle 8 x 100 mm</li> <li>1 Pair of PC escutcheons</li> <li>4 Threaded screws M4 x 40 mm</li> <li>4 Threaded screws M4 x 50 mm</li> <li>8 Wood screws 3 x 12 mm</li> <li>1 Reducing sleeve, metal, 8/8.5 mm</li> </ul>	38 - 50	900.92.503 🛪

Packaging: 1 pair





- > Bearing: Lever handle pivot-fitted in rose, sprung
- > Standard: Certified in compliance with EN 1906:2012

> Class: 3 7 -	0 0	5 0	В
----------------	-----	-----	---

#### LDH3235

Material	Finish/colour	Supplied with	Door thickeness (mm)	Cat.no.	
Zinc Alloy	Matt Black	<ul> <li>2 Lever handle aperture parts with 2 handle roses</li> <li>1 Spindle 8 x 100 mm</li> <li>1 Pair of PC escutcheons</li> <li>4 Threaded screws M4 x 40 mm</li> <li>4 Threaded screws M4 x 50 mm</li> <li>8 Wood screws 3 x 12 mm</li> <li>1 Reducing sleeve, metal, 8/8.5 mm</li> </ul>	38-50	900.92.509	×

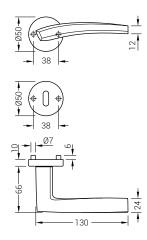
Packaging: 1 pair

\* Price for Lever Handle only

🕋 Stock Item 🛛 🛪 Freight Item







- > Bearing: Lever handle pivot-fitted in rose, sprung
- > Standard: Certified in compliance with EN 1906:2012

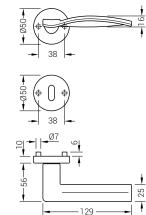
> Class:	3	7	-	0	0	5	0	В
----------	---	---	---	---	---	---	---	---

Material	Finish/colour	Supplied with	Door thickeness (mm)	Cat.no.
Brass	Matt Black	<ul> <li>2 Lever handle aperture parts with 2 handle roses</li> <li>1 Spindle 8 x 100 mm</li> <li>1 Pair of PC escutcheons</li> <li>4 Threaded screws M4 x 40 mm</li> <li>4 Threaded screws M4 x 50 mm</li> <li>8 Wood screws 3 x 12 mm</li> <li>1 Reducing sleeve, metal, 8/8.5 mm</li> </ul>	38 - 50	900.92.455

>

Packaging: 1 pair





> Bearing: Lever handle pivot-fitted in rose, sprung

> Standard: Certified in compliance with EN 1906:2012

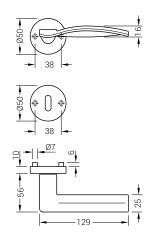
Class:	3	7	-	0	0	5	0	В
	-			~	~	-	-	-

## LDH3320

Material	Finish/colour	Supplied with	Door thickeness (mm)	Cat.no.	
Brass	Chrome Plated Satin Finish	<ul> <li>2 Lever handle aperture parts with 2 handle roses</li> <li>1 Spindle 8 x 100 mm</li> <li>1 Pair of PC escutcheons</li> <li>4 Threaded screws M4 x 40 mm</li> <li>4 Threaded screws M4 x 50 mm</li> <li>8 Wood screws 3 x 12 mm</li> <li>1 Reducing sleeve, metal, 8/8.5 mm</li> </ul>	38-50	900.92.459	Ĩ

Packaging: 1 pair





- > Bearing: Lever handle pivot-fitted in rose, sprung
- > Standard: Certified in compliance with EN 1906:2012

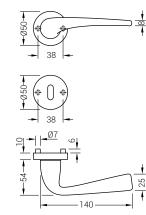
> Class:	2	7		0	0	Б	0	D
	3	1	-	0	0	5	0	в

Material	Finish/colour	Supplied with	Door thickeness (mm)	Cat.no.	
Brass	Matt Black	<ul> <li>2 Lever handle aperture parts with 2 handle roses</li> <li>1 Spindle 8 x 100 mm</li> <li>1 Pair of PC escutcheons</li> <li>4 Threaded screws M4 x 40 mm</li> <li>4 Threaded screws M4 x 50 mm</li> <li>8 Wood screws 3 x 12 mm</li> <li>1 Reducing sleeve, metal, 8/8.5 mm</li> </ul>	38 - 50	900.92.460	×

Packaging: 1 pair

LDH3320





> Bearing: Lever handle pivot-fitted in rose, sprung

> Standard: Certified in compliance with EN 1906:2012

> Class: 3 7 - 0 0 5 0 B	> Class:	3	7	-	0	0	5	0	В
--------------------------	----------	---	---	---	---	---	---	---	---

#### LDH3330

Material	Finish/colour	Supplied with	Door thickeness (mm)	Cat.no.	
Brass	Matt Black	<ul> <li>2 Lever handle aperture parts with 2 handle roses</li> <li>1 Spindle 8 x 100 mm</li> <li>1 Pair of PC escutcheons</li> <li>4 Threaded screws M4 x 40 mm</li> <li>4 Threaded screws M4 x 50 mm</li> <li>8 Wood screws 3 x 12 mm</li> <li>1 Reducing sleeve, metal, 8/8.5 mm</li> </ul>	38-50	900.92.468	<b>K</b>

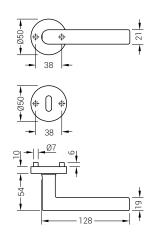
Packaging: 1 pair

\* Price for Lever Handle only

🕋 Stock Item 🛛 💥 Freight Item







- > Bearing: Lever handle pivot-fitted in rose, sprung
- > Standard: Certified in compliance with EN 1906:2012

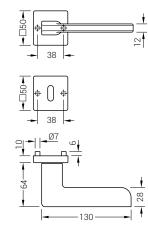
> Class:	3	7	-	0	0	5	0	В
----------	---	---	---	---	---	---	---	---

#### LDH3340

Material	Finish/colour	Supplied with	Door thickeness (mm)	Cat.no.	
Brass	Matt Black	<ul> <li>2 Lever handle aperture parts with 2 handle roses</li> <li>1 Spindle 8 x 100 mm</li> <li>1 Pair of PC escutcheons</li> <li>4 Threaded screws M4 x 40 mm</li> <li>4 Threaded screws M4 x 50 mm</li> <li>8 Wood screws 3 x 12 mm</li> <li>1 Reducing sleeve, metal, 8/8.5 mm</li> </ul>	38 - 50	900.92.476	×

Packaging: 1 pair





- > Bearing: Lever handle pivot-fitted in rose, sprung
- > Standard: Certified in compliance with EN 1906:2012

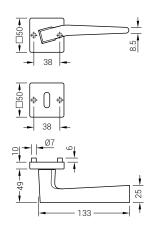
> Class: 3 7 -	0 0	5	0	В
----------------	-----	---	---	---

## LDH3350

Material	Finish/colour	Supplied with	Door thickeness (mm)	Cat.no.
Brass	Matt Black	<ul> <li>2 Lever handle aperture parts with 2 handle roses</li> <li>1 Spindle 8 x 100 mm</li> <li>1 Pair of PC escutcheons</li> <li>4 Threaded screws M4 x 40 mm</li> <li>4 Threaded screws M4 x 50 mm</li> <li>8 Wood screws 3 x 12 mm</li> <li>1 Reducing sleeve, metal, 8/8.5 mm</li> </ul>	38-50	900.92.480

Packaging: 1 pair





- > Bearing: Lever handle pivot-fitted in rose, sprung
- > Standard: Certified in compliance with EN 1906:2012

#### LDH3360

Material	Finish/colour	Supplied with	Door thickeness (mm)	Cat.no.
Brass	Matt Black	<ul> <li>2 Lever handle aperture parts with 2 handle roses</li> <li>1 Spindle 8 x 100 mm</li> <li>1 Pair of PC escutcheons</li> <li>4 Threaded screws M4 x 40 mm</li> <li>4 Threaded screws M4 x 50 mm</li> <li>8 Wood screws 3 x 12 mm</li> <li>1 Reducing sleeve, metal, 8/8.5 mm</li> </ul>	38 - 50	900.92.488 🛪

Packaging: 1 pair



\* Price for Lever Handle only



Finish/colour

Dark Umber

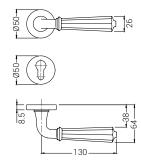
KAWAJUN

Material

Packaging: 1 pair

KAWAJUN

Brass



Cat.no.

-053-

 $\bigcirc$ 

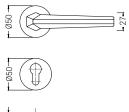
Į

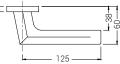
8.51

900.99.414

-120.5







#### KAWAJUN

Material	Finish/colour	Cat.no.	
Aluminium	Blasted Black	901.78.282	X

8.5-

Packaging: 1 pair

X

18.5

64.5

X

29

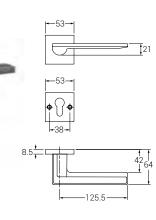
X

-125

Cat.no.

901.99.572



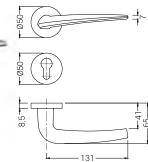


#### KAWAJUN

Material	Finish/colour	Cat.no.	
Zinc Alloy	Grey/Black Insert	901.78.289	X

Packaging: 1 pair





#### KAWAJUN

Material	Finish/colour	Cat.no.	
Zinc Alloy	Chrome Plated Polished	901.99.569	X

Packaging: 1 pair

\* Price for Lever Handle only

Stock Item

🛪 Freight Item





ĝ

LEVER HANDLE ON ROSE 27

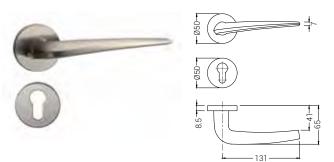
KAWAJUN

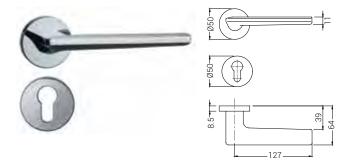
Material

Zinc Alloy

Packaging: 1 pair





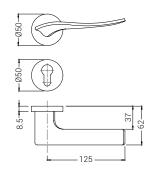


#### KAWAJUN

Material	Finish/colour	Cat.no.	
Zinc Alloy	Chrome Plated Polished	901.99.575	×

Packaging: 1 pair





#### KAWAJUN

Material	Finish/colour	Cat.no.	
Zinc Alloy	Black Matt	901.99.580	X

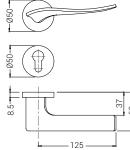
Packaging: 1 pair

#### KAWAJUN

Material	Finish/colour	Cat.no.	
Zinc Alloy	Nickel Plated Satin	901.99.570	X

Packaging: 1 pair

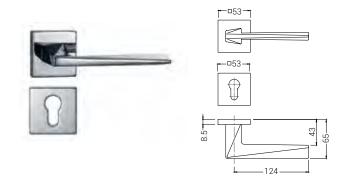




#### KAWAJUN

Material	Finish/colour	Cat.no.	
Zinc Alloy	Nickel Plated Satin	901.99.579	X

Packaging: 1 pair



#### KAWAJUN

Material	Finish/colour	Cat.no.	
Zinc Alloy	Chrome Plated Polished	901.99.587	X

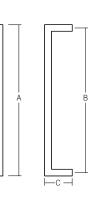
Packaging: 1 pair

\* Price for Lever Handle only

freight Item 🛛 🛪 Freight Item







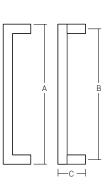
> Diameter: 40mm x 20mm

#### MPH 114

Material	Finish/ colour	A	в	с	Cat.no.	
Stainless	Stainless	600	580	60	903.11.720 •	
Steel SUS 304	S Steel	900	880	60	903.11.730 •	俞

Packaging: 1 pair





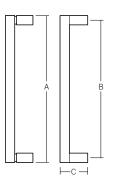
SUS 304

> Diameter: 30mm x 30mm

MPH 106							
Material	Finish/ colour	Α	В	С	Cat.no.		
Stainless	Stainless	600	570	70	903.08.340 🏠		
Steel SUS 304		900	870	70	903.08.350 🏠		
		1200	1170	70	903.08.360 🏠		
	Matt	600	570	70	903.08.933		
	Black	900	870	70	903.08.943		
		1200	1170	70	903.08.953		

Packaging: 1 pair





#### > Diameter: 30mm x 30mm

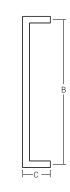
Material	Finish/ colour	Α	В	с	Cat.no.	
Stainless		900	870	70	903.11.770 •	俞
Steel SUS 304	Steel	1200	1170	70	903.11.780 •	盦

Packaging: 1 pair

MPH 115

SUS 304





> Diameter: 40mm x 20mm

MPH 105	MPH 105								
Material	Finish/ colour	Α	В	С	Cat.no.				
Stainless	Stainless	600	580	60	903.08.860 🏠				
304	teel SUS Steel	900	880	60	903.08.870 🏠				
		1200	1180	60	903.08.880 🏠				
	Matt	600	580	60	903.08.863				
	Black	900	880	60	903.08.873				
		1200	1180	60	903.08.883				

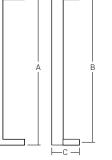
Packaging: 1 pair

🚖 Stock Item

SUS 304

PULL HANDLE 29



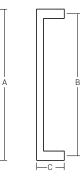


> Diameter: 20mm x 40mm

#### MPH 107

					V	
Material	Finish/ colour	Α	В	С	Cat.no.	
Stainless Steel SUS	Stainless Steel	600	580	70	903.08.390 •	
304	Steer	900	880	70	903.08.400 •	
		1200	1180	70	903.08.410 •	





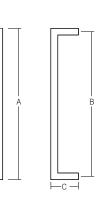
> Diameter: 25mm x 38mm

Packaging: 1 pair

MPH 102							
Material	Finish/ colour	Α	В	С	Cat.no.		
Stainless	Stainless	600	562	70	903.08.230 • 🏠		
Steel SUS 304	Steel	900	862	70	903.08.240 • 👚		
		1200	1162	70	903.08.250 • 🏠		
		1600	1562	70	903.08.260 • 🕋		

Packaging: 1 pair





> Diameter: 30mm x 30mm

MPH 110

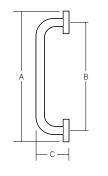
						```
Material	Finish/ colour	Α	В	с	Cat.no.	
Stainless	teel SUS Steel	600	570	78	903.09.530 •	俞
304		900	870	78	903.09.540 •	俞
		1200	1170	78	903.09.550 •	俞
		1500	1470	78	903.09.560 •	俞

Packaging: 1 pair

30 PULL HANDLE







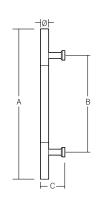
#### > Diameter: Ø 19mm

#### MPH 101

-	1	1				
Material	Finish/ colour	A	В	С	Cat.no.	
Stainless	Stainless	203	150	64	903.08.840	俞
Steel SUS 304	Steel	282	229	64	903.08.850	俞

Packaging: 1 pair or 50 pairs

5	
	5



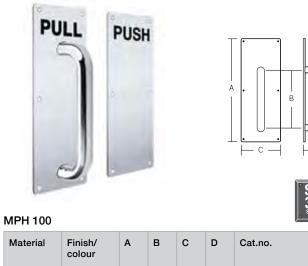
MPH 104

Material	Finish/ colour	A	в	с	ø	Cat.no.		
Stainless	Stainless	450	286	68	32	903.08.300 • 🕋		
Steel SUS 304	Steel	600	400	68	32	903.08.310 🏠		
		900	580	74	38	903.08.320 🏦		
		1200	950	74	38	903.08.330		
	S/Steel &	450	286	68	32	903.08.301 • 👚		
	S/Steel Polished	600	400	68	32	903.08.311 • 👚		
		900	580	74	38	903.08.321 • 👚		
		1200	950	74	38	903.08.331 • 👔		

Packaging: 1 pair

D

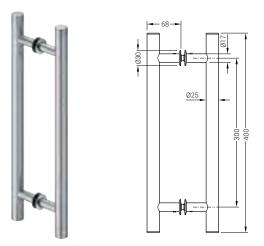
### PUSH & PULL HANDLE



Material	Finish/ colour	A	в	С	D	Cat.no.	
Stainless		300	220	100	55	987.49.010	
Steel SUS 304	Steel	300	-	100	1.5	987.49.000	俞

Packaging: Push 1pc / 50pcs Pull 1pc / 30pcs

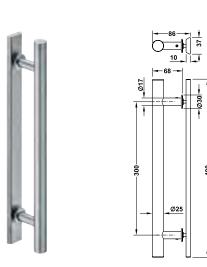
Stock Item



- > Area of application: For glass thickness 8–12.7 mm For wood thickness 28–42 mm
- > Material: Aluminium
- > Installation: For screw fixing, mounting accessories supplied

Length mm	Finish /colour	Cat.no.	
400	Silver Coloured Anodized	905.01.101	X
	Stainless Steel Coloured Anodized	905.01.100	X
	Black Anodized	905.01.183	X

Packaging: 1 pair



> Area of application: For glass thickness 8–12.7 mm For wood thickness 28–42 mm

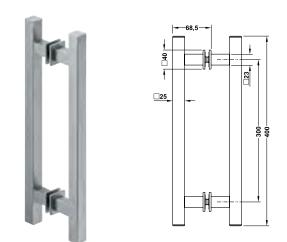
> Material: Aluminium

> Installation: For screw fixing, mounting accessories supplied

Length mm	Finish /colour	Cat.no.	
400	Silver Coloured Anodized	905.01.111	X
	Stainless Steel Coloured Anodized	905.01.110	×
	Black Anodized	905.01.113	X

Packaging: 1 pair

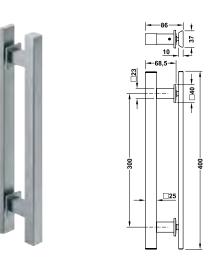




- > Area of application: For glass thickness 8–12.7 mm For wood thickness 28–42 mm
- > Material: Aluminium
- > Installation: For screw fixing, mounting accessories supplied

Length mm	Finish /colour	Cat.no.	
400	Silver Coloured Anodized	905.01.121	{
	Stainless Steel Coloured Anodized	905.01.120	F
	Black Anodized	905.01.124	F

Packaging: 1 pair



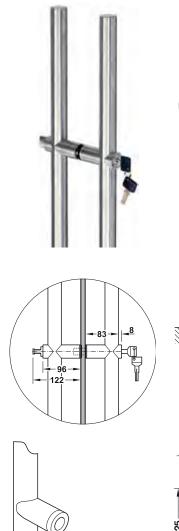
> Area of application: For glass thickness 8–12.7 mm For wood thickness 28–42 mm

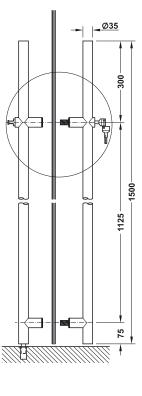
- > Material: Aluminium
- > Installation: For screw fixing, mounting accessories supplied

Length mm	Finish/colour	Cat.no.	
400	Silver Coloured Anodized	905.01.131	X
	Stainless Steel Coloured Anodized	905.01.130	X
	Black Anodized	905.01.133	×

Packaging: 1 pair







150

-1125-

1

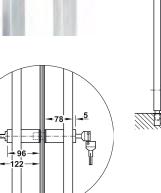
75

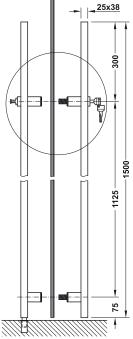
1

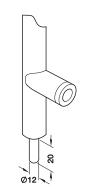
<u>19</u>

<u>13</u>

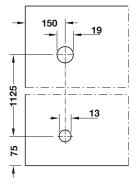








₩



> Material: Stainless steel

- > Finish: Matt
- > Tube dimension: 25 x 40 mm
- > For glass thickness: 8–12 mm

Version	Cat.no.	
Lockable from inside (with thumbturn)	903.03.684	X

Packing: 1 pair



> Finish: Matt

> Material: Stainless steel

> Tube dimension Ø: 35 mm

20

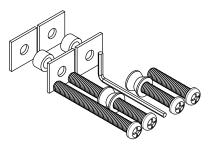
Ø12

Lockable from inside (with thumbturn) 903.03.674	×

Packing: 1 pair

We reserve the right to alter specifications without notice.





> Installation: In pair of pull handle for round design

#### MOUNTING SET

Door thickeness (mm)	Dimensions (mm)	Cat.no.
8-12	M8x40	496.01.040 🛪
35-50	M8x80	

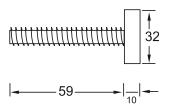
Packing: 1 pc (Pull handle use 2pcs)

> Installation: In pair of pull handle for square design

#### MOUNTING SET

Door thickeness (mm)	Dimensions (mm)	Cat.no.
8-12	M8x40	496.01.036
35-50	M8x80	

Packing: 1 pc (Pull handle use 2pcs)



#### SINGLE SIDE FIXING BOLT FOR PULL HANDLE

🛪 Freight Item

Material	Finish	Screw	Cat.no.	
Stainless Steel	Matt	M6	909.00.927	X
Stainless Steel	Matt	M8	909.00.926	X
Stainless Steel	Polished	M8	909.00.942	X

Packing: 1 pc (Pull handle use 2pcs)



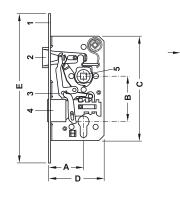
## LOCKING & SECURITY

F

10)

## LOCKING AND SECURITY INFORMATION

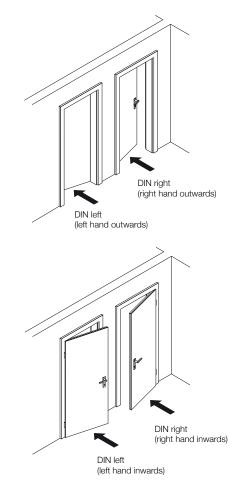
#### LOCK COMPONENTS



- 1 Forend
- 2 Latchbolt
- 3 Key action assembly
- 4 Deadbolt
- 5 Lever follower, hub spring
- A BacksetB DistanceC Case heightD Case widthE Forend length
- F Forend width

#### **OPENING DIRECTION**

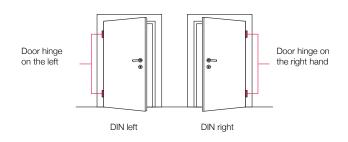
The usable designations can be derived from the access direction



#### DOOR MOUNTING - DIN Left or DIN Right

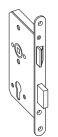
The opening direction determines left or right hand doors. The door direction or handing according to DIN 107 is determined as follows:

- > Visible position of the door hinges on the left = DIN left
- > Visible position of the door hinges on the right = DIN right



### LOCK HANDING

In accordance with the door direction, the mortise lock are also classified as DIN left hand and DIN right hand lock:



DIN left hand lock

(The straight side of the latchbolt points to the left)



DIN rirht hand lock (The straight side of the latchbolt points to the right)



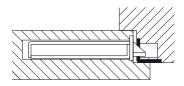


## LOCKING AND SECURITY INFORMATION

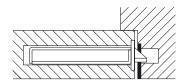
### TYPE OF DOOR

The choice of mortise lock also depends on the type of the door:

Profile of a rebated door with mortise lock (forend protruding on one side)



Profile of a flush door with mortise lock (forend protrudes on both sides)



### TEST SYMBOL

The special quality of a mortise lock can be certified by various institutes with an appropriate test seal.

### CLOSURE

The mortise locks in this catalogue are categorised into the following locking types:

- WC/bathroom for bathroom doors
- PC prepared for profile cylinder

## LATCHBOLT

The latchbolt has the task to keep the door panel closed. The material or special surface treatments (nickel plating, chrome plating) have an influence on the glide quality of the latchbolt.

### DEADBOLT

According to DIN 18251, the deadbolt in the locked (secured) position has the task to prevent access by unauthorized persons. By turning the key or lock handle once or twice, the deadbolt is pre-locked 1-turn and 2-turn. An increased deadbolt throw makes the lock more secure.

### **KEY ACTION**

The latchbolt can be operated with the key.

Classification of mechanically operated locks and striking plates in compliance with EN 12209:2003

The performance features are defined by this European standard in order to ensure that the different products are comparable.

11-digit classification key in accordance with EN 12209:2003

Position										
1	2	3	4	5	6	7	8	9	10	11
Category of use	Durability and load on latchbolt	Door weight	Suitability for use on fire resistance and smoke control door	Safety	Corrosion and resistance temperature	Security and drilling	Field of door application	Type of key operation and locking	Type of spindle operation	Key identification

## Meaning of individual positions in classification key:

Position	Possible grades	Meaning
1 Category of use	1-3	1 = Low frequency. For use by people with a high incentive to exercise care and a small chance of misuse, e.g internal residential doors.
		2 = Medium frequency. For use by people with some incentive to exercise care but where there is some chance of misuse, e.g. internal office doors.
		3 = High frequency. For use by public or others with little incentive to exercise care and with a high chance of misuse, e.g. public doors
2 Durability and load on latchbolt	A-C F-H L-M	A = 50,000 test cycles, no load on latchbolt B = 100,000 test cycles, no load on latchbolt C = 200,000 test cycles, no load on latchbolt
	R-S W-X	F = 50,000 test cycles, 10N load on latchbolt G = 100,000 test cycles, 10N load on latchbolt H = 200,000 test cycles, 10N load on latchbolt
		L = 100,000 test cycles, 25N load on latchbolt M = 200,000 test cycles, 25N load on latchbolt
		R = 100,000 test cycles, 50N load on latchbolt S = 200,000 test cycles, 50N load on latchbolt
		W = 100,000 test cycles, 120N load on latchbolt X = 200,000 test cycles, 120N load on latchbolt
3 Door weight and closing force	1-9	1 = Door weight up to 100 kg, max. 50N closing force
		2 = Door weight up to 200 kg, max. 50N closing force
		3 = Door weight above 200 kg or specified by the manufacturer, max. 50 N closing force
		4 = Door weight up to 100 kg, max. 25N closing force
		5 = Door weight up to 200 kg, max. 25N closing force
		6 = Door weight above 200 kg or specified by the manufacturer, max. 25 N closing force
		7 = Door weight up to 100 kg, max. 15N closing force
		8 = Door weight up to 200 kg, max. 15N closing force
		9 = Door weight above 200 kg or specified by the manufacturer, max. 15 N closing force



## Meaning of individual positions in classification key:

Position	Possible grades	Meaning		
4 Suitability for use on fire resistant	0-1	0 = Not approved for use on fire resistant and smoke control doors		
and smoke control doors		1 = Suitable for use, subject to satisfactory fire test report of lock contribution to fire resistance. This fire test report is outside the scope of application of this standard		
5 Safety	0	Only one grade of safety is identified		
6 Corrosion resistance and temperature	0, A-G	0 = No defined corrosion resistance, no temperature requirement		
		A = Low corrosion resistance, no temperature requirement		
		B = Moderate corrosion resistance, no temperature requirement		
		C = High corrosion resistance, no temperature requirement		
		D = Very high corrosion resistance, no temperature requirement		
		E = Moderate corrosion resistance, temperature requirement –20 °C to +80 °C		
		F = High corrosion resistance, temperature requirement –20 °C to +80 °C		
		G = Very high corrosion resistance, temperature requirement –20 °C to +80 °C		
7 Security and drilling protection	1-7	1 = Minimum security and no drilling protection		
		2 = Low security and no drilling protection		
		3 = Moderate security and no drilling protection		
		4 = High security and no drilling protection		
		5 = High security with drilling protection		
		6 = Very high security and no drilling protection		
		7 = Very high security with drilling protection		

Position	Grade	Туре	Application 1	Application 2	Application 3
8 - Field of door application	А	Mortise	Unrestricted application		
	В	Mortise	Hinged door		
	С	Mortise	Sliding door		
	D	Rim	Unrestricted application		
	E	Rim	HInged door		
	F	Rim	Sliding door		
	Н	Mortise	Hinged door	Supported	
	J	Rim	Hinged door	Inwards	
	К	Mortise	Hinged door		
	L	Mortise	Sliding door		Locked from inside
	М	Rim	Hinged door		Locked from inside
	Ν	Rim	Sliding door		Locked from inside
	Р	Mortise	Hinged door	Supported	Locked from inside
	R	Rim	Hinged door	Inwards	Locked from inside
	S	Mortise	Unrestricted application		Locked from inside
	Т	Rim	Unrestricted application		Locked from inside

Position	Grade	Meaning
	0, A-H	
9 Type of key operation and locking	0,711	0 = Not applicable
		A = Cylinder lock, manual locking
		B = Cylinder lock, automatic locking
		C = Cylinder lock, manual locking with intermediate locking
		D = Lever lock, manual locking
		E = Lever lock, automatic locking
		F = Lever lock, manual locking with intermediate locking
		G = Lock without key operation, manual locking
		H = Lock without key operation, automatic locking
10 Type of spindle operation	0-4	0 = Lock without lever follower
		1 = Lock with knob or sprung lever handle operation
		2 = Lock with unsprung lever handle operation
		3 = Lock for heavy duty sprung lever handle operation
		4 = Lock for heavy duty sprung lever handle operation specified by the manufacturer
11 Key identification requirement	0, A-H	0 = No requirement
		A = Min. 3 detaining elements
		B = Min. 5 detaining elements
		C = Min. 3 detaining elements
		D = Min. 6 detaining elements
		E = Min. 6 detaining elements, extended number of effective differs
		F = Min. 7 detaining elements
		G = Min. 7 detaining elements, extended number of effective differs
		H = Min. 8 detaining elements, extended number of effective differs

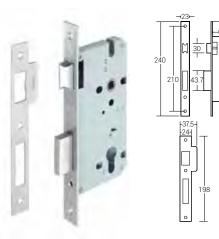


Example: "Mortise lock, profile cylinder" (certified in compliance with EN 12209:2003)



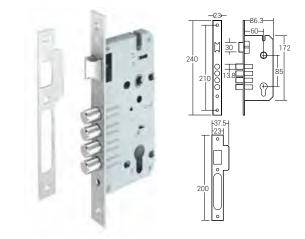
## Classification code:

Classification code:		3 S 8 1 0 F 2 B C 2 0
Position	Meaning	
1 Category of use	Grade 3: High frequency. For use by public or others with little incentive to exercise c are and with a high chance of misuse, e.g. public doors	
<b>2</b> Durability and load on latchbolt	Grade S: 200,000 test cycles, 50N load on latchbolt	
<b>3</b> Door weight and closing force	Grade 8: Door weight up to 200 kg, max. 15N closing force	
<b>4</b> Suitability for use on fire resistant and smoke control doors	Grade 1: Suitable for use, subject to satisfactory fire test report of lock contribution to fire resistance. This fire test report is outside the scope of application of this standard.	·
<b>5</b> Safety	Grade 0: Only one grade of safety is identified	·
6 Corrosion resistance and temperature	Grade F: High corrosion resistance, temperature requirement -20°C to +80°C	·
<b>7</b> Security and drilling protection	Grade 2: Low security and no drilling protection	
8 Field of door application	Grade B: Mortise lock, hinged door	
<b>9</b> Type of key operation and locking	Grade C: Cylinder lock, manual locking with intermediate locking	·
<b>10</b> Type of spindle operation	Grade 2: Lock with unsprung lever handle operation	·
<b>11</b> Key identification requirement	Grade 0: No requirement	



-60-

P

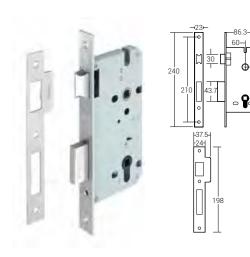


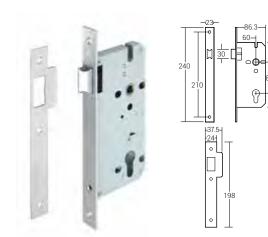
Finish/ colour	Function	Backset	Deadbolt Turn	Cat.no.
Stainless	Sash Lock	50	2	911.02.795
Steel		60	2	911.02.791

Packaging: 1 set or 25 sets

Finish/ colour	Function	Backset	Deadbolt Turn	Cat.no.
Stainless Steel	Multi Bolt Sash Lock	60	2	911.24.111 🌰

Packaging: 1 set or 25 sets





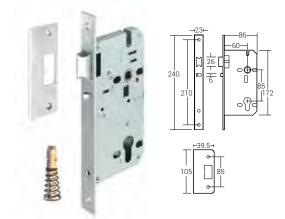
Finish/ colour	Function	Backset	Deadbolt Turn	Cat.no.
Stainless Steel	Bathroom	60	1	911.09.510 🍙

Packaging: 1 set or 25 sets

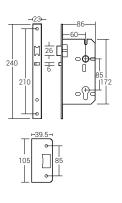
Finish/ colour	Function	Backset	Deadbolt Turn	Cat.no.	
Stainless Steel	Passage	60	2	911.23.670	

Packaging: 1 set or 25 sets









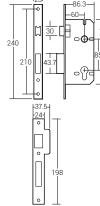
Finish/ colour	Function	Backset	Deadbolt Turn	Cat.no.	
Stainless Steel	Storeroom	60	2	911.02.793 🍙	•

Packaging: 1 set or 25 sets

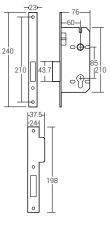
Finish/ colour	Function	Backset	Deadbolt Turn	Cat.no.
Stainless Steel	Classroom	60	2	911.02.794

Packaging: 1 set or 25 sets









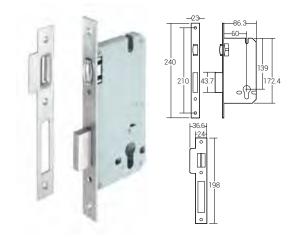
Finish/ colour	Function	Backset	Deadbolt Turn	Cat.no.	
Stainless Steel	Anti Panic	60	1	911.02.796	

Packaging: 1 set or 25 sets

Finish/ colour	Function	Backset	Deadbolt Turn	Cat.no.	
Stainless Steel	Deadlock	60	2	911.02.797	

Packaging: 1 set or 25 sets

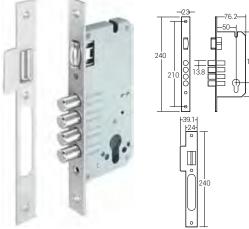




Finish/ colour	Function	Backset	Deadbolt Turn	Cat.no.
Stainless Steel	Narrow type Sash Lock	30	1	911.77.518 • 💼

Finish/ colour	Function	Backset	Deadbolt Turn	Cat.no.
Stainless Steel	Roller Latch	50	2	911.24.100 🏠
		60	2	911.24.101 🏠

Packaging: 1 set or 25 sets



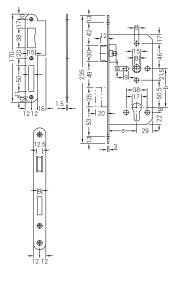
240 210 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		139
	240	

Finish/ colour	Function	Backset	Deadbolt Turn	Cat.no.
Stainless Steel	Multi Bolt Roller Latch	50	2	911.24.110 🕋
Packaging: 1 s	set or 25 sets			

🛪 Freight Item

5		
71	-1	1 :
38	11	
3		•
п.	7	14
	1	9
9.	3	1
	5	

Packaging: 1 set or 25 sets

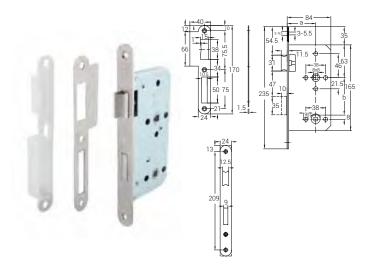


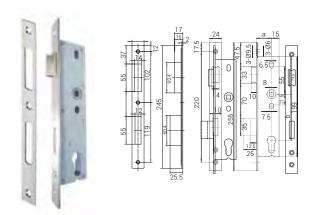
Finish/ colour	Function	Backset	Deadbolt Turn	Forend Plate	Cat.no.	
Stainless Steel Matt (304)	Sash Lock	55	2	Square	911.02.145	<b>a</b>
Stainless Steel Black Matt				Round	911.25.100	×

Packaging: 1 set or 20 sets

1 Stock Item







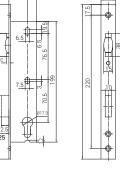
Finish/ colour	Function	Backset	Deadbolt Turn	Cat.no.	
Stainless Steel Matt (304)	Bathroom	55	1	911.02.157	×

Packaging: 1 set or 20 sets

Finish/ colour	Function	Backset	Deadbolt Turn	Cat.no.
Stainless Steel Matt (304)	Narrow Type Sash Lock	30	2	911.77.281

Packaging: 1 set or 20 sets

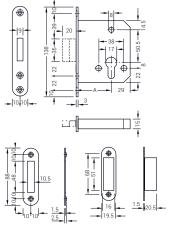




45.5

255 64.t



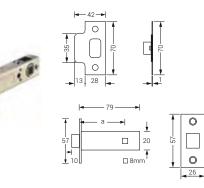


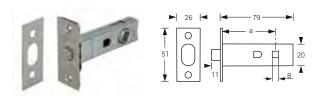
Finish/ colour	Function	Backset	Deadbolt Turn	Cat.no.	
Stainless Steel Matt	Narrow Type Roller Latch	30	2	911.77.280	

Packaging: 1 set or 20 sets

Finish/ colour	Function	Backset	Deadbolt Turn	Cat.no.	
Stainless Steel (304)	Dead Lock	45	2	911.22.771	X
		55	2	911.23.615	X

Packaging: 1 set or 20 sets





#### > Mortise Latch

Stainless Steel Matt 60 911.23.172 (304)	×

Packaging: 1 pc

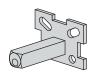


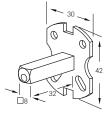
Stainless Steel         60         1         911.22.406         X           Matt (304)         60         1         911.22.406         X	Finish/colour	Backset	Deadbolt Turn	Cat.no.	
		60	1	911.22.406	X

Packaging: 1 pc



For Rosette Set



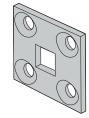


For Back Plate Set

> Spindle, 8 x 8 mm, on plate

Version	Cat.no.	
For Rosette Set	909.46.060	X
For Back Plate Set	909.46.061	X

Packaging: 1 pc

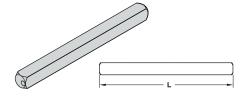


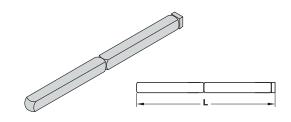
> Spindle, arresting plate

Dimension mm	Cat.no.	
27 x 27	909.00.946	X

Packaging: 1 pc







### > Spindle, 8 x 8 mm, square

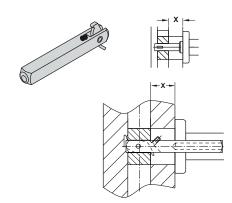
Length L mm	Cat.no.
96	909.46.025 🛪
100	909.46.028 🛪
105	909.46.030 🛪
110	909.46.031 🛪
130	909.46.035 🛪

> Spindle, 8 x 8 mm, split in center

Length L mm	Cat.no.	
110	909.00.891 🛪	
120	909.83.711 🛪	

Packaging: 1 pc

Packaging: 1 pc

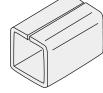


> Alternate spindle, 8 mm

> For one side door installation

Length X mm	Length mm	Cat.no.
11.5 – 16.5	60	909.46.106 🛪
17.0 – 22.0	71	909.46.107 🛪
22.5 - 27.5	82	909.46.108

Packaging: 1 pc

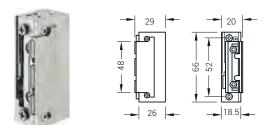


### > Adapter sleeve

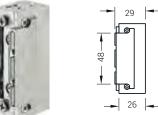
Material	Compensation mm	Cat.no.	
Steel bright	From 7 to 8	909.40.500	X
	From 8 to 9	909.40.501	X
	From 9 to 10	909.40.502	X

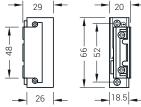
Stock Item

Packaging: 1 pc



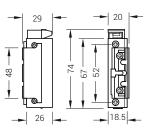
Cat. No. 911.68.390: Without mechanical release



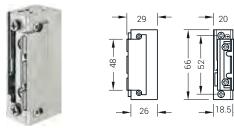


Cat. No. 911.68.391: With mechanical release





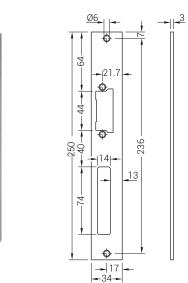
Cat. No. 911.68.393: With feedback contact, rated for continuous duty 100%



Cat. No. 911.68.392: Without feedback contact, rated for continuous duty 100%

- > Electric Strike
- > Please order a striking plate additionally (911.68.303 for a rebated door/ 911.68.254 for a flush door )
- > Suggest to use together with 911.02.145 Mortise Lock

Material	Cat.no.	
Housing: Zinc alloy nickel plated	911.68.390	X
Latch: Zinc alloy	911.68.391	X
	911.68.393	X
	911.68.392	X

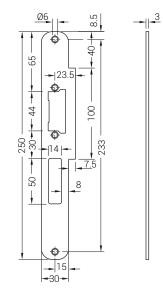


> Electric Strike

Material/Finish	Cat.no.
Stainless Steel Matt	911.68.303 🛪

Packaging: 1 pc





> Electric Strike

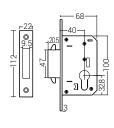
Material/Finish	Cat.no.	
Stainless Steel Matt	911.68.254	×

Packaging: 1 pc

🛪 Freight Item Stock Item





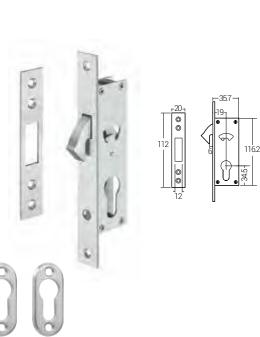




### > Double Hook Sliding Mortise Lock

Finish/colour	Backset	Deadbolt Turn	Cat.no.	
Stainless Steel	40	2	911.26.875	

Packaging: 1 set or 40 sets

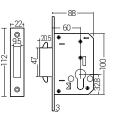


### > Single Hook Sliding Mortise Lock

Finish/colour	Backset	Deadbolt Turn	Cat.no.	
Stainless Steel	20	1	911.26.865 • 💼	t

Packaging: 1 set or 25 sets



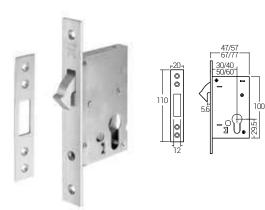




> Double Hook Sliding Mortise Lock

Finish/colour	Backset	Deadbolt Turn	Cat.no.	
Stainless Steel	60	2	911.26.877	俞

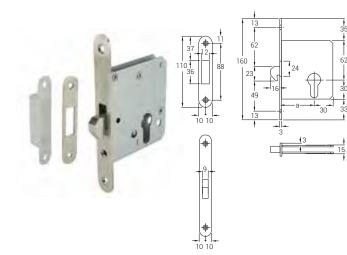
Packaging: 1 set or 40 sets

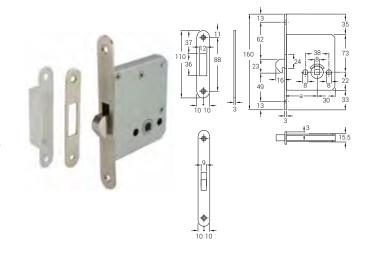


### > Single Hook Sliding Mortise Lock

Finish/colour	Backset	Deadbolt Turn	Cat.no.
Stainless Steel	30	1	911.26.870 • 🏠
	40		911.26.871 • 🏠
	50		911.26.872 • 🏠
	60		911.26.873 • 🏠

Packaging: 1 set or 25 sets





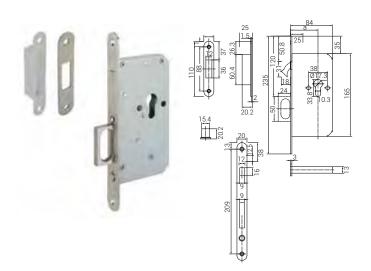
> Mortise Lock for Sliding door - Autolock PC

N	laterial/finish	Backset	Cat.no.	
S	tainless Steel Matt (304)	55	911.26.238	×
Pa	ckaging: 1 set			

### > Mortise Lock for Sliding Door - Autolock 8mm Follower

Material/finish	Backset	Cat.no.	
Stainless Steel Matt (304)	55	911.26.239	X
Dealyaging: 1 act			

Packaging: 1 set



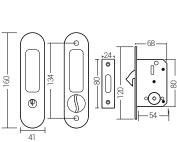
> Mortise Lock with Pull Handle for Pocket Door

Material/finish	Backset	Cat.no.
Forend/Striking Plate: Stainless Steel Matt (304)	55	911.26.710 🛪
Compass Bolt/Pull Handle/Push Button: Zinc Alloy Nickel Plated		
Lock Case: Steel Galvanized Packaging: 1 set		

f Stock Item 🛪 Freight Item

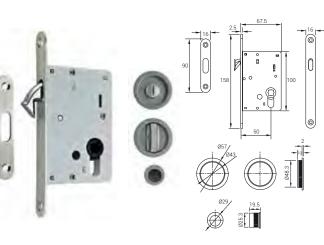






Material	Backset	Finish/ colour	Function	Cat.no.	
Zinc	35	Satin	Entrance	499.65.105	
Diecast		Nickel	Bathroom	499.65.108	

Packaging: 24 sets



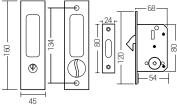
> Mortise Pull Handle for Sliding Door

> For WC

Material	Finish	Backset	Cat.no.	
Zinc Alloy	Zinc Alloy Nickel Plated Satin Graphite Black PVD	50	911.26.523	X
			911.26.522	X

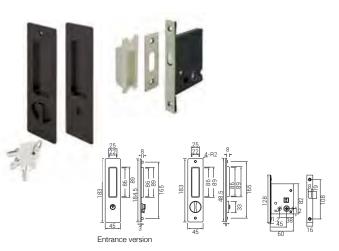
Packaging: 20 sets





Material	Backset	Finish/ colour	Function	Cat.no.	
Zinc	35	Satin	Entrance	499.65.107	
Diecast	Nickel	NICKEI	Bathroom	499.65.106	

Packaging: 24 sets

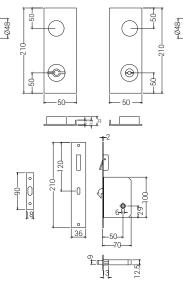


> Mortise Flush Handle Lock for Sliding Doors

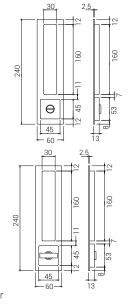
Material/finish	Version	Backset	Cat.no.	
Zinc Alloy Black	Entrance	45	911.27.008	
Matt	WC	45	911.27.018	×
		45	911.27.325	×

Packaging: 20 sets









> Mortise Flush Handle for Sliding Door

Material	Finish	Cat.no.	
Stainless Steel	Matt/Black Matt	903.10.310	
	Black Matt	903.10.313	•

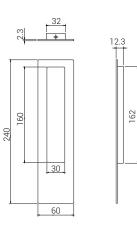
Packaging: 1 set

> Mortise Pull Handle for Sliding Door

Material	Finish	Backset	Cat.no.	
Zinc Alloy	Nickel Plated Satin	55	901.79.661	×
	Black Matt		901.79.662	$\varkappa$

Packaging: 1 set





> Mortise Flush Handle for Sliding Door

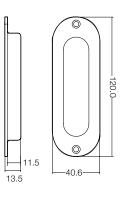
Material	Finish	Cat.no.	
Stainless Steel	Matt/Black Matt	903.10.332	
	Black Matt	903.10.333	•

Packaging: 1 set

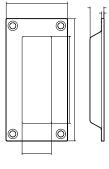


## FLUSH PULL HANDLE FOR WOODEN DOOR







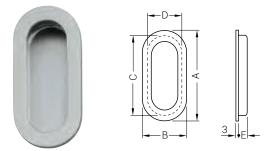


Material	Finish /colour	Cat.no.	
Stainless steel SUS 304	Stainless steel	489.72.113	

Packaging: 1 pair or 72 pairs

Material	Finish/colour	Cat.no.	
Stainless steel SUS 304	Stainless steel	903.08.440 •	

Packaging: 15 pcs or 150 pcs

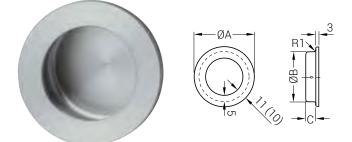


> Material: Stainless steel, Quality 1.4301/AISI 30

> Finish/colour: Satin brushed

Dim A mm	Dim B mm	Dim C mm	Dim D mm	Dim E mm	Cat.no.	
102	50	154	39	10	155.01.506	X
175	60	60	39	17.5	155.01.507	$\boldsymbol{\varkappa}$

Packaging: 1 pc



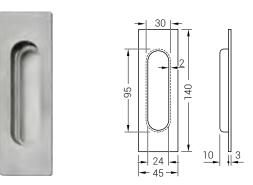
### > Material: Stainless steel, Quality 1.4301/AISI 30

Finish /colour	Dim C mm	Dim D mm	Dim E mm	Cat.no.
Satin Brushed	50	40	12	155.01.490 🛪
	60	50	12	155.01.491 🛪
	80	62	14	155.01.492 🛪
Polished Brass	50	40	12	151.38.100 🛪
Plated, PVD Coated	60	50	12	151.38.101 🛪
Graphite Black,	50	40	12	151.38.102 🛪
PVD Coated	60	50	12	151.38.103 🛪

Packaging: 1 pc

🕋 Stock Item 🛛 💥 Freight Item

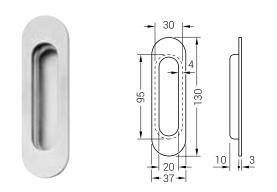
## FLUSH PULL HANDLE FOR WOODEN DOOR



> Material: Stainless steel, Quality 1.4301/AISI 30

Finish /colour	Cat.no.	
Satin Brushed	155.01.495	X
Polished Brass Plated, PVD Coated	151.38.120	X
Graphite Black, PVD Coated	151.38.121	X

Packaging: 1 pc

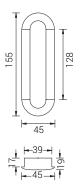


> Material: Stainless steel, Quality 1.4301/AISI 30

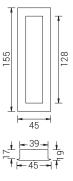
Finish /colour	Cat.no.	
Satin Brushed	155.01.505	俞
Polished Brass Plated, PVD Coated	151.38.110	X
Graphite Black, PVD Coated	151.38.111	X

Packaging: 1 pc









Material	Finish/colour	Cat.no.
Stainless Steel SUS 304	Stainless Steel	902.01.120 🛪
	Brass Polished	902.01.128 🛪
	Antique Brass	902.01.127 🛪

Material	Finish/colour	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	902.01.100	٢.
	Brass Polished	902.01.108	٢
	Antique Copper	902.01.103	٢
	Antique Brass	902.01.107	٢.

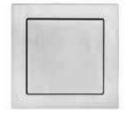
Packaging: 1 pc

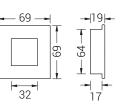


Packaging: 1 pc



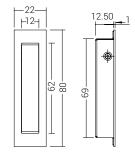
## FLUSH PULL HANDLE FOR WOODEN DOOR





Finish/colour	Cat.no.
Stainless Steel	902.01.110 🛪
Brass Polished	902.01.118 🛪
AntiqueCopper	902.01.113 🛪
Antique Brass	902.01.117 🛪
	Stainless Steel Brass Polished AntiqueCopper

1	1	
	ĺ	
1	l	

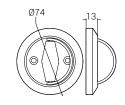


Material	Finish/colour	Cat.no.
Stainless Steel SUS 304	Stainless Steel	903.11.620

Packaging: 10 pcs or 100 pcs

Packaging: 1 pc





	P2 0000	
(a		→ 7.5

Stainless steel SUS 304 Stainless Steel 903.08.450 🍙 Stainless steel SUS 304 Stainless Steel 903.11.210 🏹	Material	Finish/colour	Cat.no.		Material	Finish/colour	Cat.no.
	Stainless steel SUS 304	Stainless Steel	903.08.450	<b>a</b>	Stainless steel SUS 304	Stainless Steel	903.11.210 🛪

Packaging: 12 pcs or 120 pcs

Material	Finish/colour	Cat.no.	
Stainless steel SUS 3	04 Stainless Steel	903.11.210	X
 Packaging: 1 pc	·	i	

# STEEL SLIDING DOOR LOCK





Finish/colour	Cat.no.	
Black Coated	499.65.127	X

Finish/colour	Cat.no.	
Black Coated	499.65.128	×

Packaging: 1 pc

Packaging:	1	рс	
------------	---	----	--

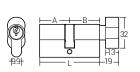
# EURO PROFILE CYLINDER

Ţ

-

# EURO PROFILE CYLINDER



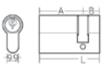




Finish/ colour	Function	Spec.	L	Α	В	Cat.no.	
Satin Nickel	Thumb Turn & Key	5 pin	61	30.5	30.5	916.64.230	
		5 pin	71	35.5	35.5	916.64.237	
		6 pin	71	35.5	35.5	916.64.231	
		6 pin	80	40	40	916.64.232	
		6 pin	90	45	45	916.64.233	

Packaging: 10 pcs or 60 pcs

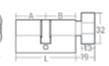




			ĸ	۲ <b>۱</b>	SOLII BRAS BODY	D S S BRASS CYLL Pin
Finish/ colour	Function	Spec.	L	A	В	Cat.no.
Satin Nickel	One Sided Key	6 pin	45	35	10	916.64.250

Packaging: 10 pcs or 60 pcs



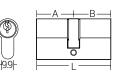


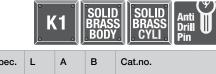


Finish/ colour	Function	Spec.	L	A	В	Cat.no.	
Solid Thumb Brass Turn &	-	61	30.5	30.5	916.64.260	<b></b>	
	Emergency Slot	-	71	35.5	35.5	916.64.261	俞

Packaging: 10 pcs or 60 pcs



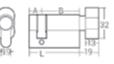




Finish/ colour	Function	Spec.	L	A	В	Cat.no.	
Satin	Double Key	5 pin	61	30.5	30.5	916.64.240	俞
Nickel		5 pin	71	35.5	35.5	916.64.241	俞

Packaging: 10 pcs or 60 pcs



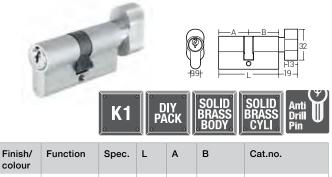


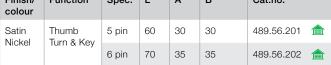
	SOLID BRASS BODY
Cat.no.	

Finish/ colour	Function	Spec.	L	Α	В	Cat.no.	
Satin Nickel	One Sided Thumb Turn	-	45	10	35	916.64.255 🕋	•

Packaging: 10 pcs or 60 pcs

# EURO PROFILE CYLINDER









DIY Pack K1 Finish/ Eurotian 

Α

L

60 30

70 35 35

60 30 30

70

colour	Tunction	opec.	-		5	Gat.no.	
Satin	Double Key	4 pin	50	25	25	489.56.203	
Nickel		5 pin	60	30	30	489.56.204	
		6 pin	70	35	35	489.56.205	

Packaging: 10 pcs or 60 pcs



				/		
Finish/colour	Function	Spec.	L	А	в	Cat.no.
Satin Nickel	One Sided Key	6 pin	45	35	10	489.56.207 🏦

Packaging: 10 pcs or 60 pcs

Packaging: 10 pcs or 60 pcs



1 N

6 pin

6 pin

(4)

俞

俞

	<b>K</b> 3	DI PAC	Y CK	SOL BRA BOL	ID SS Y	SOLID BRASS CYLI Pin	Ŭ
Finish/colour	Function	Spec.	L	А	в	Cat.no.	
Satin Nickel	Thumb Turn	5 pin	60	30	30	489.56.233	俞
Matt Black	& Key	5 pin	60	30	30	489.56.190	
Satin Nickel		6 pin	70	35	35	489.56.247	
Matt Black		6 pin	70	35	35	489.56.191	

80 40

80 40 40

40

489.56.230

489.56.192

Packaging: 10 pcs or 60 pcs

Satin Nickel

Matt Black

🛪 Freight Item Stock Item

Ne



Finish/colour

Satin Nickel

Function

Bathroom



DIY

Spec.

E-slot

	° LO		CK		οο ŊΥ <sub>_</sub>	<b>CYLI</b> Pin	U
Finish/colour	Function	Spec.	L	А	в	Cat.no.	
Satin Nickel	Double Key	5 pin	60	30	30	489.56.238	俞
Matt Black	NOy	5 pin	60	30	30	489.56.193	<b></b>
Satin Nickel		6 pin	70	35	35	489.56.248	
Matt Black		6 pin	70	35	35	489.56.194	
Satin Nickel		6 pin	80	40	40	489.56.241	俞

Packaging: 10 pcs or 60 pcs

0	DIY PACK	DLID ASS DDY
в	Cat.no.	
30	489.56.208	俞

489.56.209

489.56.198

俞

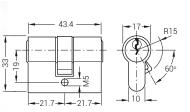
35	35	489.5	6.199	
		L ^		2
	À	A		,
P	1		↓	

SOLID

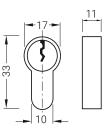


# EURO PROFILE CYLINDER









### Double Cylinder 43mm

Material/finish	Spec.	Cat.no.	
Satin Nickel	3 pin	916.80.002	X
Packaging: 1 pc			

## Double Cylinder 43mm

Material/finish	Function.	Cat.no.	
Satin Nickel	Dummy	916.09.989	俞
Packaging: 1 pair			

## **BLANK KEY**

Ü						<b>K1</b>		0	100	0			 K2 〔
Material	Finish/ colour	Feature	w	н	Cat.no.		Material	Finish/ colour	Feature	w	н	Cat.no.	
						~							
Brass	Chrome Plated	5 pin	29.7	59.5	916.63.907		Brass	Chrome Plated	5 pin	22	54	916.95.900	

Brass

	S		
Material	Finish/	Feature	,



K4







้หว่

🛪 Freight Item

				0	0
Finish/ colour	Feature	w	н	Cat.no.	
Chrome Plated	6 pin	29	63	489.56.297	<b>a</b>

Stock Item

# ESCUTCHEON COVER









俞

> Round Shape

Material	Finish/ colour	Diameter	Depth	Cat.no.			
Stainless Steel SUS 304	Stainless	53	10	499.80.040	<b>a</b>		
	Steel	53	6	499.80.046	俞		
	Black Matt	52	8	903.58.082	<b>^</b>		

Packaging: 1 pair

SUS 304 Stainless Steel

> Square Shape						
Material	Finish/ colour	Size	Depth	Cat.no.		
Stainless Steel SUS 304	Stainless Steel	52 x 52	10	499.80.042		

Packaging: 1 pair



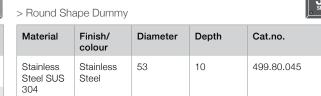




> Oval Shape

Material	Finish/ colour	Height	Wide	Depth	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	62	30	11	499.80.044	<b></b>
	Black Matt	68	30	10	902.52.944	X

Packaging: 1 pair



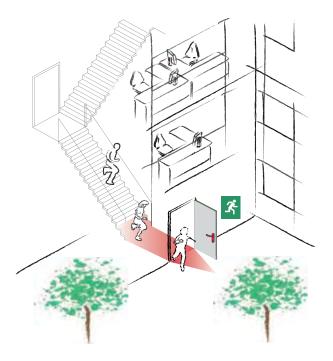
Packaging: 1 pair

俞



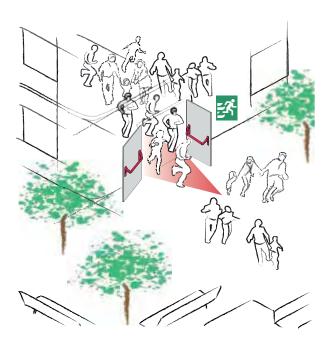
## LOCKING AND SECURITY PANIC EXIT DEVICE

## Emergency exit device EN 179



The standard cover devices have to be used in emergency situations if people are familiar with the emergency exit and whose hardware. In this situation a panic is most unlikely to develop. Lever handle operated escape mortise locks or push pads may used therefore.

## Panic exit device EN 1125



The standard cover devices have to be used in panic situations if people are not familiar with the emergency exit and whose hardware but must be able to open the hardware intuitive. An horizontal operated touch bar is here required.



## Panic Exit Devices for Escape Routes and Panic Areas Classification

Classification of emergency exit devices for doors on rescue routes with lever handle or push plate in compliance with EN 179:2008

10-digit classification key in accordance with EN 179:2008

Position									
1	2	3	4	5	6	7	8	9	10
Category of use	Durability	Door weight	Suitability for use on fire resistance and smoke control door	Safety	Corrosion resistance	Security - forced entry resistance	Projection of panic device	Activation type	Usage area of door

## Meaning of individual positions in classification key:

Position	Possible grades	Meaning
1 Category of use	3	3 = High usage frequency by persons who are unlikely to take care, i.e. where an accident or incorrect use of the fittings are very likely
2 Durability	6-7	6 = 100,000 test cycles
		7 = 200,000 test cycles
3 Door weight	5-7	5 = Door weight up to 100 kg
		6 = Door weight up to 200 kg
		7 = Door weight above 200 kg
4 Suitability for use on fire resistant and smoke control doors	0, A-B	0 = Not approved for use on fire resistant and smoke control doors
and smoke control doors		A = Suitable for use on smoke control doors based on requirements in compliance with EN 1634-3
		B = Suitable for use on fire resistant and smoke control doors based on testing in compliance with EN 1634-1
5 Safety	1	1 = Every emergency exit device complies with a crucial safety function; for this reason, only the highest grade has been defined for the applicable European standard
6 Corrosion resistance	3-4	3 = High corrosion resistance
		4 = Extremely high corrosion resistance

Position	Grade	Meaning
7 Security forced entry resistance	2-5	2 = 1,000 N
		3 = 2,000 N
		4 = 3,000 N
		5 = 5,000 N
8 Projection of panic device	1-2	1 = up to 150 mm (overprojection)
		2 = up to 100 mm (standard projection)
9 Type of activation	A-B	A = emergency exit device with "lever handle activation"
		B = emergency exit device with "push plate activation"
10 Usage area of door	A-D	A = outward opening single emergency exit door, double emergency exit door: Active or inactive leaf
		B = only outward opening single emergency exit door
		C = outward opening double emergency exit door: Only inactive leaf
		D = only inward opening single emergency exit door



Example: "Mortise lock" (certified in compliance with EN 179:2008)



### Classification code:

Classification code:		3 7 7 B 1 3 4 2 A B
Position	Meaning	
1 Category of use	Grade 3: High usage frequency by persons who are unlikely to take care, i.e. where an accident or incorrect use of the fittings are very likely	
<b>2</b> Durability	Grade 7: 200,000 test cycles	
<b>3</b> Door weight	Grade 7: Greater than 200 kg	•
<b>4</b> Suitability for use on fire resistant and smoke control doors	Grade B: Suitable for use on fire resistance and smoke control doors based on testing in compliance with EN 1634-1	·
<b>5</b> Safety - personal safety	Grade 1: Every emergency exit device complies with a crucial safety function; for this reason, only the highest grade has been defined for the applicable European standard	•
6 Corrosion resistance	Grade 3: High corrosion resistance	·
<b>7</b> Security - forced entry resistance	Grade 4: 3,000 N	
8 Projection of panic device	Grade 2: Up to 100 mm (standard projection)	·
<b>9</b> Type of activation	Grade A: Emergency exit device with "lever handle activation"	·
<b>10</b> Usage area of door	Grade B: Only outward opening single emergency exit door	

### Panic Exit Devices for Escape Routes and Panic Areas Classification

Classification of panic exit devices with horizontal panic bar for doors on rescue routes in compliance with EN 1125:2008

## 10-digit classification key in accordance with EN 1125:2008

Position									
1	2	3	4	5	6	7	8	9	10
Category of use	Durability	Door weight	Suitability for use on fire resistance and smoke control doors	Safety	Corrosion resistance	Security - forced entry resistance	Projection of panic device	Activation type	Usage area of door

## Meaning of individual positions in classification key:

Position	Grades	Meaning				
1 Category of use	3	3 = High usage frequency by persons who are unlikely to take care, i.e. where an accident or incorrect use of the fittings are very likely				
2 Durability	6-7	6 = 100,000 test cycles				
		7 = 200,000 test cycles				
3 Door weight	5-7	5 = Door weight up to 100 kg				
		6 = Door weight up to 200 kg				
		7 = Door weight above 200 kg				
4 Suitability for use on fire resistant	0, A-B	0 = Not approved for use on fire resistant and smoke control doors				
and smoke control doors		A = Suitable for use on smoke control doors based on requirements in compliance with EN 1634-3				
		B = Suitable for use on fire resistant and smoke control doors based on testing in compliance with EN 1634-1				
5 Safety	1	1 = Every emergency exit device complies with a crucial safety function; for this reason, only the highest grade has been defined for the applicable European standard				
6 Corrosion resistance	3-4	3 = High corrosion resistance				
		4 = Extremely high corrosion resistance				
7 Security forced entry resistance	tance 2-5	2 = 1,000 N				
		3 = 2,000 N				
		4 = 3,000 N				
		5 = 5,000 N				
8 Projection of panic device	1-2	1 = up to 150 mm (overprojection)				
		2 = up to 100 mm (standard projection)				
9 Type of activation	A-B	A = emergency exit device with "lever handle activation"				
		B = emergency exit device with "push plate activation"				
10 Usage area of door	A-D	A = outward opening single emergency exit door, double emergency exit door: Active or inactive leaf				
		B = only outward opening single emergency exit door				
		C = outward opening double emergency exit door: Only inactive leaf				
		D = only inward opening single emergency exit door				



Example "Mortise lock" (certified in compliance with EN 179:2008)



### Classification code:

Classification code:		3 7 7 B 1 3 4 2 A B
Position	Meaning	
1 Category of use	Grade 3: High usage frequency by persons who are unlikely to take care, i.e. where an accident or incorrect use of the fittings are very likely	
<b>2</b> Durability	Grade 7: 200,000 test cycles	·
<b>3</b> Door weight	Grade 7: Greater than 200 kg	
<b>4</b> Suitability for use on fire resistant and smoke control doors	Grade B: Suitable for use on fire resistance and smoke control doors based on testing in compliance with EN 1634-1	·
<b>5</b> Safety - personal safety	Grade 1: Every emergency exit device complies with a crucial safety function; for this reason, only the highest grade has been defined for the applicable European standard	·
6 Corrosion resistance	Grade 3: High corrosion resistance	•
<b>7</b> Security - forced entry resistance	Grade 4: 3,000 N	·
8 Projection of panic device	Grade 2: Up to 100 mm (standard projection)	·
<b>9</b> Type of activation	Grade A: Emergency exit device with "lever handle activation"	
<b>10</b> Usage area of door	Grade B: Only outward opening single emergency exit door	

## LOCKING AND SECURITY INFORMATION

### PANIC EXIT DEVICE

- Area of application: For rebated or flush, single or couple wooden or steel doors
- Suitable for emergency exit door
- Door width: 840–914 mm
- Door thickness: 40–75 mm
- Suitable for DIN left and DIN right hand UL listed for ANSI A 156.3

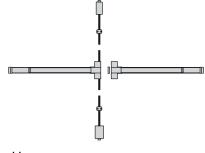
### FUNCTION

- Opening of door from inside: By pushing the touchbar
- Opening of door from outside(optional): By activating lever handle and key to lock or unlock

### PRODUCT COMPONENTS FOR SINGLE DOORS

### PRODUCT COMPONENTS FOR DOUBLE DOORS



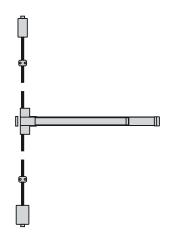


### Inside:

- 1 Touchbar (A)
- Outside:
- 1 Lever handles with round rosette ①

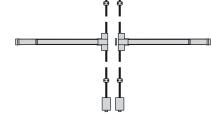
### Inside:

- $\bullet$  Action leaf: 1 Touchbar ~
- Inactive leaf: 1 Touchbar with vertical locking rod B
   and 1 striking plate C
- Outside:
- $\bullet$  1 Lever handle on backplate D



### Inside:

- 1 Touchbar with vertical locking rod (B) Outside:
- 1 Lever handle on backplate ①



### Inside:

- Action and inactive leaf: Action and inaction leaf: 1 Touchbar with vertical locking rod B each panel.

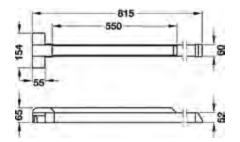
### Outside:

 $\bullet$  1 Lever handles with round rosettee D



### Touch bar





Supplied with

1 Touchbar

1 Striking Plate

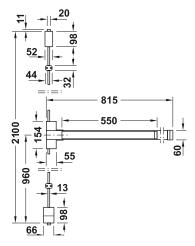
Material/finish	Cat.no.	
Stainless Steel	911.56.036	X
Steel/Black	911.52.639	×

Packaging: 1 pc

### Touchbar with vertical locking rod



> Touchbar height to finished floor: 1,043 mm at center



We reserve the right to alter specifications without notice.

Finish

Stainless Steel

Steel/Black

🕋 Stock Item 🛛 💥 Freight Item

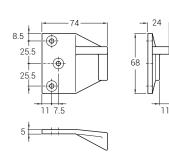
Cat.no.

911.56.037

911.56.065

X

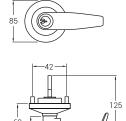




> Striking Plate
 > For double doors using touchbar (A) on active leaf and touchbar with vertical locking rod (B) on inactive leaf

Material/finish	Cat.no.	
Brass Nickel Plated	911.56.024 🛪	]





- 127-

> Lever Handle with Round Rosette

> For door thickness 40-55 mm

> Material: Zinc Alloy

Version	Finish	Cat.no.	
Entrance lever handle	Chrome Matt	911.56.038	X
	Black	911.56.020	X

> Extension Rod 2100mm

- > For timber or steel doors
- > For rebated or flush doors
- > For single or double leaf doors

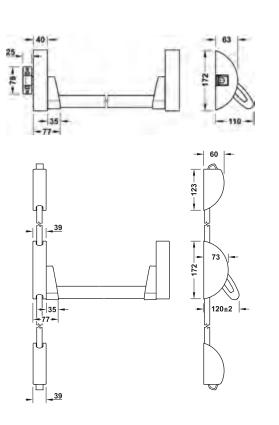
> Max. door height: 3,200 mm

Material/finish	Cat.no.	
Aluminium Silver Coloured	911.52.610	×

We reserve the right to alter specifications without notice.

### Panic exit device, grey bar





### Features

- > Suitable for wooden, steel and aluminium doors
- > Material: Steel housing, alumnium vertical rod and push bar
- > Finish: Grey RAL, 9006 pwder coating
- > Standard: Certified in compliance with EN 1125
- > Suitable for DIN left and right hand
- > Suitable for electric access control

### Technical Date

- > Max. door width: 1,100 mm
- > Max. door height: 2,400 mm
- > Max. door weight: 200 kg
- > Max. door thickness: 60 mm
- > Lever follower: □8 mm

Version	Cat.no.	
One position locking panic exit device	901.02.400	X
Two position locking panic exit device	901.02.782	X

> Outdoor lever handle

> Use for one position locking panic exit device

> Max. door thickness: 60 mm

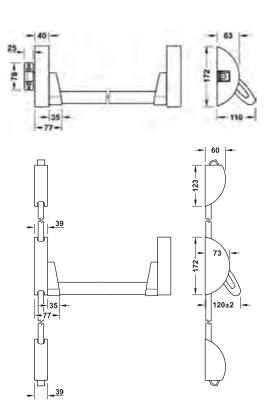
> Supplied with 1 lever handle, 1 half cylinder 10/31.5

Version	Finish	Cat.no.	
Outdoor lever handle	Silver	901.02.401	(



### Panic exit device, black





### Feature

- > Suitable for wooden, steel and aluminium doors
- > Material: Steel housing, aluminium vertical rod and push bar
- > Finish: Black RAL 9006 powder coating
- > Standard: Certified in compliance with EN 1125
- > Suitable for DIN left and right hand
- > Suitable for electric access control

### Technical data

- > Max. door width: 1,100 mm
- > Max. door height: 2,400 mm
- > Max. door weight: 200 kg
- > Max. door thickness: 60 mm
- > Lever follower:  $\Box$  8 mm

Version	Cat.no.	
One position locking panic exit device	901.02.780	X
Two position locking panic exit device	901.02.783	X

> Outdoor lever handle

> Use for one position locking panic exit device

> Max. door thickness: 60 mm

> Supplied with 1 lever handle, 1 half cylinder 10/31.5

Version	Finish	Cat.no.	
Outdoor lever handle	Black	901.02.781	×

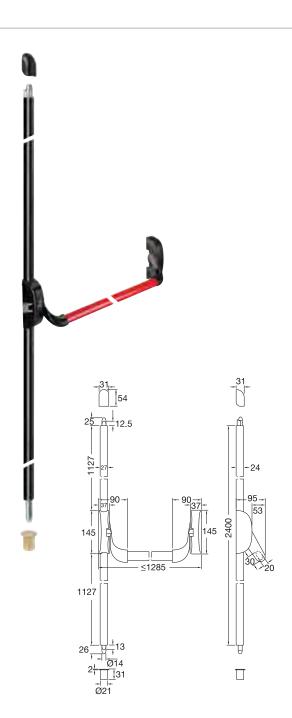


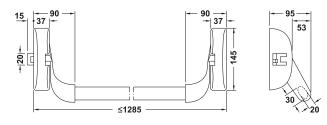
🟦 Stock Item 🛛 🛪 Freight Item



# PANIC EXIT DEVICE







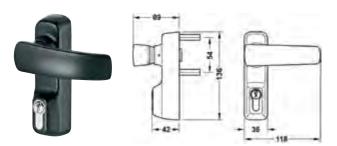
- > PED 200 horizontal lock
- > For fire resistant door
- > Basic module
- > Standard EN 1125 in conjunction with approved accessories
- > Max. door width: 1,300 mm
- > Max. door weight: 200 kg
- > Lever follower:  $\Box$  8 mm

Material	Finish	Cat.no.	
Steel Touchbar Mechanism Powder Coated Black	Stainless Steel Matt	903.03.014	X
Steel Touchbar Mechanism Powder Coated Red		901.02.449	X

- > PED 210 horizontal lock Feature
- > For fire resistant door
- > Basic module with vertical locking action
- > Standard EN 1125 in conjunction with approved accessories
- > Max. door height: 2,400 mm
- > Max. door width: 1,300 mm
- > Max. door weight: 200 kg
- > Lever follower: □8 mm

Material	Finish	Cat.no.	
Steel Touchbar Mechanism Powder	Steel Powder Coated	901.02.459	
Coated Black	Stainless Steel Matt	903.03.016	

# PANIC EXIT DEVICE



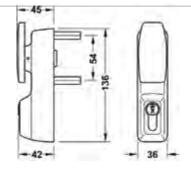
> Lever handle for outer side

#### > Order reference

Please order single cylinder 27.5/10 mm separately.

Material/finish	Cat.no.	
Steel Black	911.52.113	X





> Knob for outer side

> Order reference

Please order single cylinder 27.5/10 mm separately.

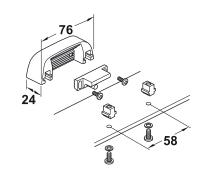
Material/finish	Cat.no.	
Steel Black	911.52.114 🛪	



Material/finish

Steel





> Dogging device, hold-open kit

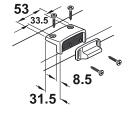
> Retrofitting the "permanent open function" on panic door

> Top striking plate

> For double doors, frame with rebate up to 11 mm

	Material/finish	Cat.no.	
X	Steel	911.52.116 🛪	





Cat.no.

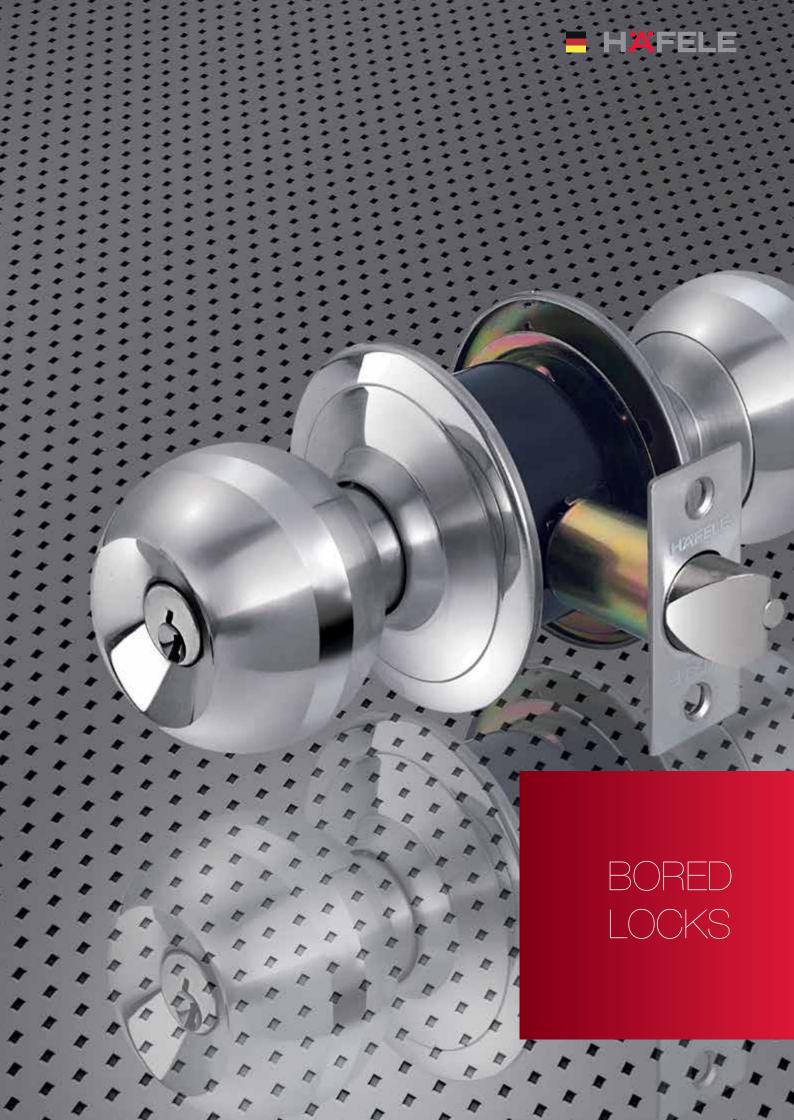
909.09.907

> Top striking plate

> For double doors, frame with rebate 14-24 mm

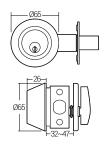
Material/finish	Cat.no.	
Steel	911.52.117	X

We reserve the right to alter specifications without notice.



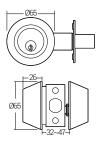
# DEADBOLT





**K2** 





K2

> Function : Thumb Turn & Key

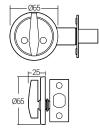
					Ň
Backset	Finish/ colour	Material		Cat.no.	
60 / 70	Satin Nickel	Stainless Steel SUS 304		489.10.115	<b>a</b>
	Antique Brass	Brass	•	489.10.116	<b>a</b>
	Antique Cooper	Brass	•	489.10.117	俞

Packaging: 6 sets or 24 sets

> Functior	Function : Double Key					
Backset	Finish/ colour	Material		Cat.no.		
60 / 70	Satin Nickel	Stainless Steel SUS 304	$\bigcirc$	489.10.520		
	Antique Brass	Brass	•	489.10.521	<b>a</b>	
	Antique Cooper	Brass	•	489.10.522		

Packaging: 6 sets or 24 sets





> Function : Single Thumb Turn

Backset	Finish/ colour	Material		Cat.no.	
60 / 70	Satin Nickel	Stainless Steel SUS 304		489.10.530	俞
	Antique Brass	Brass	•	489.10.531	<b></b>
	Antique Cooper	Brass		489.10.532	俞
60	Black Matt	Brass	$\bullet$	911.22.596	×

Packaging: 6 sets or 24 sets

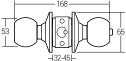
 We reserve the right to alter specifications without notice.



# CYLINDRICAL LOCK







K1

Bathroom Passage

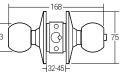
- > 5 pins brass cylinder
- > Tested 200,000 cycles

### MCD 3101

Finish/ colour	Material	Function	Backset	Cat.no.	
Stainless	Stainless	Entrance	60	489.93.125	俞
Steel	Steel SUS 304	Entrance	70	489.93.170	俞
	$\bigcirc$	Bathroom	60	489.93.155	俞
		Bathroom	70	489.93.174	俞
		Passage	60	489.93.206	俞
		Storeroom	60	911.78.945 •	

Packaging: 6 sets or 24 sets





K1

Bathroom

- > 5 pins brass cylinder
- > Tested 200,000 cycles

## MCD 3102

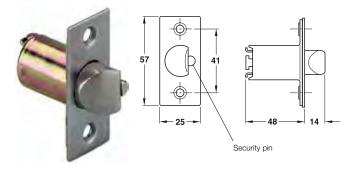
Finish/ colour	Material	Function	Backset	Cat.no.	
Stainless Steel	Stainless Steel SUS	Entrance	60	489.93.127	俞
	304	Bathroom	60	489.93.157	<b></b>
		Entrance	70	489.93.185	<b>a</b>
		Bathroom	70	489.93.189	

Packaging: 6 sets or 24 sets

51 28-45 Bathroom > 5 pins brass cylinder K2 MCD 3111 Finish/ Material Function Backset Cat.no. colour Stainless Steel SUS 304 Stainless 911.83.224 Entrance 60 Steel

Bathroom

60



### > Function : Latch for 70 mm backset

Material/finish	Features	Cat.no.	
Stainless Steel	With Security Pin	911.64.298	X
000 304	Without Security Pin	911.64.302	X

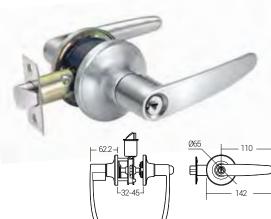
Packaging: 1 pc

911.83.225

77

DEADBOLT





K2

#### > 5 pins brass cylinder

### MTL 5101

Backset	Material	Function	Finish/colo	our	Cat.no.	
60 / 70	SUS 304	Entrance	Satin Nickel		489.10.392	俞
		Entrance	Antique Brass		489.10.393	<b>a</b>
		Entrance	Antique Cooper		489.10.394	<b>a</b>
		Bath- room	Satin Nickel		489.10.396	<b>a</b>

**K2** 

### > 5 pins brass cylinder / Latch protector > Tested 200,000 cycles

# MTL 8101

Packaging: 6 sets or 24 sets

Backset	Material	Function	Finish/co	lour	Cat.no.	
60 / 70	60 / 70 Zinc Diecast	Entrance	Satin Nickel	$\bigcirc$	489.10.600	俞
		Entrance	Antique Brass	•	489.10.601	<b></b>
		Entrance	Antique Cooper		489.10.602	<b></b>
		Bathroom	Satin Nickel	0	489.10.604	俞

Packaging: 6 sets or 24 sets



#### > 5 pins brass cylinder

> Tested 200,000 cycles

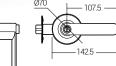
### MTL 8213

Backset	Material	Function	Finish/colo	our	Cat.no.		
60 / 70	Zinc Diecast	Entrance	Satin Nickel		499.63.828		
		Bathroom	Satin Nickel	0	499.63.829	<b></b>	
		Entrance	Matt Black	D	499.63.794	俞	

Packaging: 6 sets or 20 sets

Stock Item 🛪 Freight Item





> 5 pins brass cylinder / Latch protector

> Tested 200,000 cycles

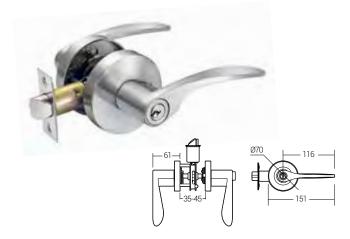
MTL 8202	
----------	--

K1

Backset	Material	Function	Finish/colour	Cat.no.
60 / 70	Zinc Diecast	Entrance	Satin Nickel	499.63.977 💼
		Bathroom	Satin Nickel	499.63.978 🕋

Packaging: 6 sets or 12 sets











**K1** 

> 5 pins brass cylinder / Latch protector > Tested 200,000 cycles

### MTL 8205

Backset	Material	Function	Finish/colour	Cat.no.
60 / 70	Zinc Diecast	Entrance	Satin Nickel	499.63.986
		Bathroom	Satin Nickel	499.63.987

Packaging: 6 sets or 12 sets

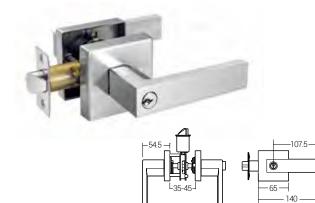
> 5 pins brass cylinder / Latch protector
> Tested 200,000 cycles

# MTL 8207

**K1** 

Backset	Material	Function	Finish/ colour	Cat.no.	
60 / 70	Zinc Diecast	Entrance	Satin Nickel	499.63.992	
		Bathroom		499.63.993	

Packaging: 6 sets or 12 sets



> 5 pins brass cylinder / Latch protector> Tested 200,000 cycles

MTL 8203

WITE 0200				/	
Backset	Material	Function	Finish/colour	Cat.no.	
60 / 70	Zinc Diecast	Entrance	Satin Nickel	499.63.980 🍙	
		Bathroom	Satin Nickel	499.63.981 🍙	

Packaging: 6 sets or 12 sets



MTL 8203

**K1** 

Backset	Material	Function	Finish/colour	Cat.no.
60 / 70	Zinc Diecast	Entrance	Satin Nickel	499.63.983
		Bathroom	Satin Nickel	499.63.984

25-15

Packaging: 6 sets or 12 sets

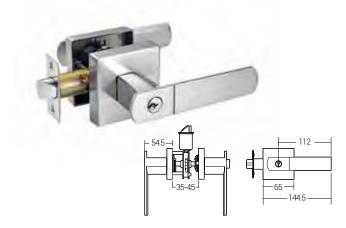
105

136

**K1** 

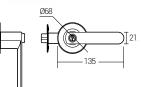
đ

65 -





-32-47



**K1** 

6

> 5 pins brass cylinder / Latch protector > Tested 200,000 cycles

### MTL 5101

Backset	Material	Function	Finish/colour	Cat.no.
60 / 70	Zinc Diecast	Entrance	Satin Nickel	499.63.989
		Bathroom	Satin Nickel	499.63.990 💼

46.6

P

32-47

Ø68

Γ

©

60/70

Packaging: 6 sets or 12 sets

MTL 8220				
Backset	Material	Function	Finish/colour	Cat.no.
60 / 70	Zinc Diecast	Entrance	Satin Nickel	499.63.710 🏦
		Bathroom	Satin Nickel	499.63.711 🏫
		Entrance	Matt Black	499.63.713 🏠
		Bathroom	Matt Black	499.63.714 🏫

Packaging: 5 sets or 20 sets

> 6 pins brass cylinder

> Tested 200,000 cycles

**K1** 

**D**]12

> 6 pins brass cylinder

> Tested 200,000 cycles

#### MTL 8221

Backset	Material	Function	Finish/ colour		Cat.no.	
60 / 70	Zinc Diecast	Entrance	Satin Nickel		499.63.720	
		Bathroom	Satin Nickel	$\bigcirc$	499.63.721	
60 / 70	60 / 70 Zinc Diecast		Matt Black	•	499.63.723	俞
		Bathroom	Matt Black	•	499.63.724	<b></b>

Packaging: 5 sets or 20 sets

🕋 Stock Item 🛛 🗙 Freight Item

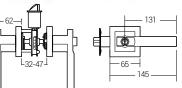


and a		1 de				A	-	Re	-		
					47					075 <b>E</b> 128 -	] 25
> 6 pins bra > Tested 20 MTL 8212	0,000 cycle			<b>K1</b>	IN • al	> 6 pins bra > Tested 20 <b>MTL 8217</b>			<b>K1</b>	6: PIN:	CONCEAL
Backset	Material	Function	Finish/ colour	Cat.no.		Backset	Material	Function	Finish/ colour	Cat.no.	
60 / 70	Zinc Diecast	Entrance Bathroom	Satin Nickel	499.63.824 • 499.63.825 •		60 / 70	Zinc Diecast	Entrance Bathroom	Satin Nickel	499.63.844 499.63.845	

Packaging: 5 sets or 20 sets

Packaging:	5	sets	or	20	sets
------------	---	------	----	----	------





> 6 pins brass cylinder > Tested 200,000 cycles

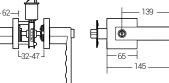
K1 ᢩ	6 PIN	CONCEAL
	PIN:	

	Ċ					_		'			.,	
М	٦	Γ	L	8	2	16	3					

Backset	Material	Function	Finish/ colour	Cat.no.
60 / 70				499.63.840 • 🏠
	Diecast	Bathroom	Nickel	499.63.841 • 🏠

Packaging: 5 sets or 20 sets





1

K1

>	6	pins	br	ass	S	cylinc	ler	
	_				-			

> Tested 200,000 cycles

_	100100	200,000
N	ITL 82 <sup>-</sup>	18

Backset	Material	Function	Finish/ colour	Cat.no.	
60 / 70				499.63.848	1
	Diecast	Bathroom	Nickel	499.63.849	ì

Packaging: 5 sets or 20 sets



# PADLOCK









## PL 1200

Material		Finish/	Specification	Cat.no.	Packaging	
Shackle	Body	colour				
Boron Steel	Brass	Chrome Plated	50mm	482.01.770	<b></b>	12 sets or 48 sets
			50mm x 2	482.01.771	俞	10 sets
			50mm x 3	482.01.772		or 20 sets
			50mm x 4	482.01.773		5 sets
			50mm x 5	482.01.774	俞	or 10 sets

### PL 1100

FLIIUU						
Mate	rial	Finish/	Specification	Cat.no.		Packaging
Shackle	Body	colour				
Stainless Steel	Brass	Chrome Plated	40mm	482.01.760	<b>a</b>	12 sets or 48 sets
			40mm x 2	482.01.761	俞	10 sets
			40mm x 3	482.01.762		or 20 sets
			40mm x 4	482.01.763		5 sets
			40mm x 5	482.01.764		or 10 sets
			50mm	482.01.765	<b>a</b>	12 sets or 48 sets
			50mm x 2	482.01.766	俞	10 sets
			50mm x 3	482.01.767	俞	or 20 sets
			50mm x 4	482.01.768	俞	5 sets
			50mm x 5	482.01.769		or 10 sets



PL 1300

Hardened	I Steel	Finish/	Specification	Cat.no.		Packaging	
Shackle	Body	colour					
Hardened Steel	Brass	Chrome Plated	50mm	482.01.790	<b></b>	12 sets or 48 sets	
			50mm x 2	482.01.791	俞	10 sets	
			50mm x 3	482.01.792	俞	or 20 sets	
			50mm x 4	482.01.793	俞	5 sets	
			50mm x 5	482.01.794	俞	or 10 sets	
			60mm	482.01.795	<b>a</b>	12 sets or 48 sets	
			60mm x 2	482.01.796	俞	10 sets	
			60mm x 3	482.01.797	俞	or 20 sets	
			60mm x 4	482.01.798	俞	5 sets	
			60mm x 5	482.01.799		or 10 sets	

Stock Item

# PADLOCK

### My Lock PadLock









- > Aluminium body
- > Hardened steel shackle
- > ECOLUTION<sup>TM</sup> environmental compatible products
- > 40 mm aluminium body with light weight
- > Precision brass pin tumbler mechanism
- > Sophisticated keyway ensures the correct operating of the padlock
- > Writable on the vinyl body with any permanent marker for indentification

Version	Colour	Size mm	Size mm	Pining System	Security Level	Cat.no.	
T65AL/40	Blue	43x61.5x18.5	22x23x6.5	5	5	482.01.849	X
	Yellow					482.01.850	X
	Red					482.01.851	X
	White					482.01.852	X

Packaging: 1 set

### Combination PadLock



> Anod ized aluminium body

> Solid steel shackle

> Strong and light weight

- > 3 digit re-settable combination
- > Good for laser engraving

	Version	Colour	Size mm	Size mm	Cat.no.	
Α	145/20	Red	23x53x14	9x22x3	482.01.855	X
		Blue			482.01.856	X
	Yellow			482.01.857	X	
		Silver			482.01.858	X
В	145/30	Red	32x65x16	14x25x5	482.01.859	X
	Blue			482.01.860	X	
	Yellow			482.01.861	X	
		Silver			482.01.862	X

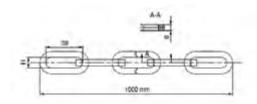
Packaging: 1 set

🕋 Stock Item 🛛 🗙 Freight Item



# PADLOCK ACCESSORIES





> Hexagonal link chain with fabric sleeve

> Suitable for both outdoor and indoor usage

Finish	Specification	Cat.no.	
Yellow galvanized	6 x 6 x 1000	482.01.900	X





### **DOOR HINGES - SUBDIVISION**

The hinges in this catalogue are divided into the following groups:

#### **Drill-in hinges**

- Frame and wing parts for interior doors
- Drill-in hinges for interior and front doors
- Recessed hinges for front doors

### Butt hinges

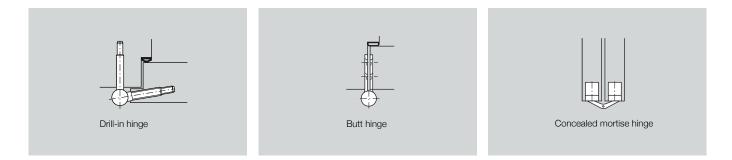
- Butt hinges for interior and front doors
- Drill-in and surface mounted hinges
- Spring hinges
- Double action spring hinges
- Concealed mortise hinges

The section of drill-in hinges includes all door hinges where components are drilled or recessed into door panels and door frames.

The section of **frame and wing parts** contains individual components of door hinges, where only the combination there of make up a complete door hinge. 2-piece and 3-piece frame and wing parts can be combined into door hinges for steel and for wooden frames.

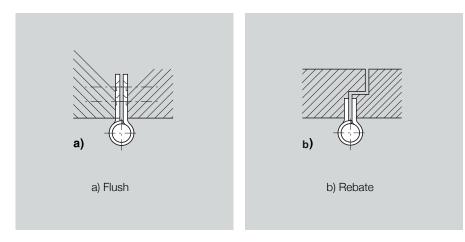
Butt hinges are not mounted on the door frame or door panel, they are screwed to the door structure.

Concealed mortise hinges are mounted in such way that they are not visible when the door is closed



### FRAME SITUATION

The mounting situation of a door includes the door rebate, the frame material, the type of frame as well as the opening direction of the door. The difference between flush and rebated doors is explained in the following illustrations.



The door panels are fitted to a longitudinal edge of the frame with hinged doors. The opening direction determines left or right hand doors. Hereby it is important, on which side the door is fitted. When choosing a door hinge, the opening direction of the door must be considered, as not all door hinges can be used left or right hand.

**I'X**FEI

## DOOR MOUNTING - DIN LEFT OR DIN RIGHT HAND

The opening direction determines left or right hand doors. The door direction or handing according to DIN 107 is determined as follows:

= DIN left

- Visible position of the door hinges on the left
- Visible position of the door hinges on the right = DIN right
- Hinges visible on the left hand side Hinges visible on the right hand side DIN left DIN right

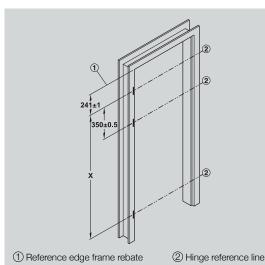
# DOOR MOUNTING - DIN LEFT OR DIN RIGHT HAND

The hinge reference line is an imaginary line, running parallel with the upper frame rebate. The distance between the hinge reference line and the upper frame rebate determines the position of the hinge. It is always illustrated as a dotted line. The adjacent illustration shows the hinge reference line according to **DIN 18101**.

The hinge reference line is independent from the hinge type. The distance of the hinge reference line of the upper door hinge and the door rebate is always  $241 \pm 1$  mm. The distance between the upper and lower door hinge depends on the door panel height.

For example, on a door of 2,000 mm height, the distance between both hinge reference lines is  $1435 \pm 0.5$  mm. (Please see below table for reference)

If the door panel is fitted with 3 hinges, the distance between the upper and centre door hinge reference line is 350 ±0.1 mm.



Wall openings for doors a (basic dimensions in accordance with DIN 18100) Height in mm	Hinge distances between the hinge reference lines for upper and lower hinge Dim. X ±0.5 mm
1625	1060
1750	1185
1875	1310
2000	1435
2125	1435
2250	1685
2375	1810
2500	1935
2625	2060
2750	2185



## MAXIMUM DOOR WEIGHT

The maximum door weight refers to a door (1 x 2 m) which is mounted with two hinges (or even three hinges).

For doors wider than 100 cm, the following formula for **calculating** the **increase** of the door mass (door weight) must be used:

#### Calculation:

a) Door height divided by door width = Xb) Factor 2 minus X = increase of door mass %

#### Example calculation:

Door height 2,000 mm Door width 1,100 mm a) 2,000/1,100 mm = 1.82 b) 2 - 1.82 = 0.18 = increase of the door mass by 18%

When selecting a hinge type, it is important to consider that the actual load in practice can exceed the door weight considerably due to following factors:

- Installation site (e.g. residential buildings, public buildings)
- Material of the door panel and door frame
- Opening frequency of the door
- Door dimensions (extra wide)
- Opening direction of the door (e.g. outwards opening doors)
- Position and installation of the door hinges
- Door buffer
- Door closer

Therefore when selecting a door hinge, especially for public buildings, a weight buffer should always be considered.

## Classification of lever handles in compliance with EN 1935:200

The requirements and test procedures for single-axis butt hinges and hinges with fixed pins for entrance doors and windows are defined in European standard EN 1935:2002 "Architectural hardware, single-axle door and window hinges". The requirements are classified using an eight-position designation system..

# 8-position classification key in accordance with EN 1935:2002

Position							
1	2	3	4	5	6	7	8
Usage class	Durability	Weight of test door	Suitability for use on fire resistant/ smoke control doors	Safety	Corrosion resistance	Protection: Forced entry resistance	Hinge class

# Meaning of individual positions in classification key:

Position	Possible grades	Meaning
1 Usage class	1-4	1 = Light use Hinges for doors or windows in houses or other residential areas and in buildings in which the doors/windows are infrequently used by persons who are inclined to take the care, whereby there is a certain risk of accidents or abuse occurring.
		2 = Medium use Hinges for doors in houses or other residential areas and in buildings in which the doors/ windows are fairly frequently used by persons who are inclined to take the care, whereby there is a certain risk of accidents or abuse occurring.
		3 = Heavy use Hinges for doors in buildings in which the doors/windows are extremely frequently used by the public or other users who are not inclined to use them carefully, and where there is a high risk of accidents or abuse occurring.
		4 = Extremely heavy use (hinges for doors that are subjected to frequent slamming).
2 Durability	3-4, 7	3 = 10,000 cycles (window hinges)
		4 = 25,000 cycles (window and door hinges)
		7 = 200,000 cycles (door hinges)
3 Weight of test door	0-7	0 - 10 kg
		1 - 20 kg
		2 - 40 kg
		3 = 60 kg
		4 = 80 kg
		5 = 100 kg
		6 = 120 kg
		7 = 160 kg



# DOOR HINGES CLASSIFICATION

Meaning of individual positions in classification key:				
Position	Possible grades	Meaning		
4 Suitability for use on fire resistant/	0-1	0 = Not suitable for use on fire resistant/smoke control doors.		
		1 = Suitable for use on fire resistant/smoke control doors.		
5 Safety	1	1 = All hinges must meet the basic safe usage requirements. For this reason, only 1 class (grade 1) has been defined.		
6 Corrosion resistance	0-5	0 = No defined corrosion resistance		
		1 = Low corrosion resistance		
		2 = Medium corrosion resistance		
		3 = High corrosion resistance		
		4 = Extremely high corrosion resistance		
		5 = Extraordinarily high corrosion resistance		
7 Protection: Forced entry resistance	0-1	0 = Not suitable for use on burglar-proof doors		
		1 = Suitable for use on burglar-proof doors		
8 Hinge class	1-14	With increased requirements (see following table)		

# Definition of individual hinge classes:

Position			
8 Hinge class	Usage class	Durability	Weight of test door
1	1 (light)	3 (10,000 cycles)	0 (10 kg)
2	1 (light)	3 (10,000 cycles)	1 (20 kg)
3	1 (light)	4 (25,000 cycles)	1 (20 kg)
4	2 (medium)	7 (200,000 cycles)	1 (20 kg)
5	1 (medium)	3 (10,000 cycles)	2 (40 kg)
6	1 (medium)	4 (25,000 cycles)	2 (40 kg)
7	2 (medium)	7 (200,000 cycles)	2 (40 kg)
8	1 (medium)	3 (10,000 cycles)	3 (60 kg)
9	1 (medium)	4 (25,000 cycles)	3 (60 kg)
10	2 (medium)	7 (200,000 cycles)	3 (60 kg)
11	3 (heavy)	7 (200,000 cycles)	4 (80 kg)
12	4 (extremely heavy)	7 (200,000 cycles)	5 (100 kg)
13	4 (extremely heavy)	7 (200,000 cycles)	6 (120 kg)
14	4 (extremely heavy)	7 (200,000 cycles)	7 (160 kg)

# **DOOR HINGES INFORMATION**

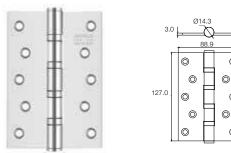
Example: "Butt hinge" for flush doors, size 76 mm (certified in compliance with EN 1935:2002)

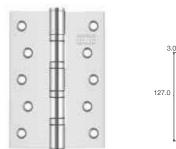


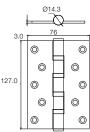
# Classification code:

Classification code:		4 7 6 1 1 4 0 13
Position	Meaning	
<b>1</b> Usage class	Grade 4: Extremely heavy use	
<b>2</b> Durability	Grade 7: 200,000 cycles (door hinges)	
3 Weight of test door	Grade 6: 120 kg	
<b>4</b> Suitability for use on fire resistant/smoke control doors	Grade 1: Suitable for use on fire resistant/smoke control doors.	
<b>5</b> Safety	Grade 1: All hinges must meet the basic safe usage requirements.	
<b>6</b> Corrosion resistance	Grade 4: Extremely high corrosion resistance	
7 Protection: Forced entry resistance	Grade 0: Not suitable for use on burglar-proof doors	•
8 Hinge class	Grade 13: Extremely heavy use, 200,000 cycles, 120 kg	









Cat.no.

926.65.111

926.65.110

X

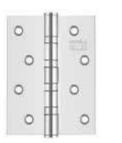
俞

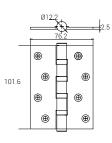
> 127mm (H) x 89mm (W) x 3mm (T), 4BB

Material	Finish/colour	UOM	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	Piece	926.65.070	俞
		Pair	926.65.071	$\mathbf{X}$
		Pack (3-pc)	489.05.019	

Packaging: Piece - 50 pcs

Pair - 25 pairs Pack (3pcs)- 5 packs or 20 packs





0

 $^{\odot}$ 

 $^{\odot}$ 

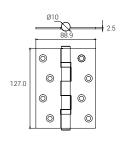
### > 102mm (H) x 76mm (W) x 2.5mm (T) , 4BB

Material	Finish/colour	UOM	Cat.no.	
Stainless Steel	Stainless Steel	Piece	926.65.101	
SUS 304		Pair	926.65.100 🕋	ť
		Pack (3-pc)	489.05.018	ĩ

Packaging: Piece - 80 pcs Pair - 40 pairs

Pack (3pcs) - 5 packs or 20 packs





> 127mm (H) x 89mm (W) x 2.5mm (T)

Material	Finish/colour	UOM	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	Piece	926.76.500 1	

Packaging: 100 pcs

Packaging: Piece Pair	- 50 pcs - 25 pairs
0	0
0	
0	- •

> 127mm (H) x 76mm (W) x 3mm (T), 4BB

Material

SUS 304

Stainless Steel

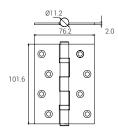
Finish/colour

Stainless Steel

UOM

Piece

Pair



### > 102mm (H) x 76mm (W) x 2mm (T) , 2BB

0

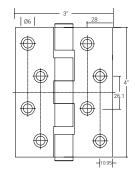
Material	Finish/colour	UOM	Cat.no.	
Stainless Steel SUS 304		Piece	926.65.083	X
		Вох (3-рс)	926.65.082	<b>a</b>

Packaging: Piece - 120 pcs

0

Box (3pcs) - 40 boxes



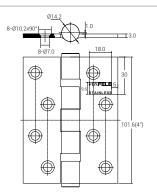


> 102mm (H) x 76mm (W) x 2mm (T)

Material	Finish/colour	UOM	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	Piece	926.76.510	

Packaging: 144 pcs



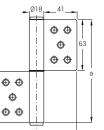


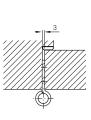
> 102mm (H) x 76mm (W) x 3mm (T), 2BB

Material	Finish/colour	UOM	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	Piece	926.65.120	

Packaging: 80 pcs







> Flag Hinge

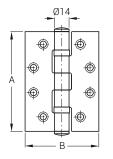
> 127mm x 100mm x 3mm, 80kg

Material	Finish/colour	UOM	Cat.no.	
Stainless Steel Matt 304	Stainless Steel	Piece	926.13.903	×

Packaging: 1 pc









- > For timber frames
- > For flush doors
- > Knuckle with two ball bearings
- > Suitable for DIN left hand and DIN right hand
- > ANSI drilling pattern
- > Tested according to EN 1935:2002
- > Tested for fire resistance and smoke control
- Technical data
- > Knuckle: 14 mm
- > Material thickness: 3 mm

#### > Butt Hinges

Height a in mm/inch	102/4"		102/4"		102/4"		114/4.5"		127/5"		127/5"	
Width b in mm/inch	76/3"		89/3.5"		102/4"		102/4"		89/3.5"		102/4"	
Max. door weight with 3 hinge kg	120		120		120		120		120		120	
Stainless Steel Matt (304)	926.98.040	X	926.98.100	X	926.98.090	X	926.98.110	X	926.98.130	X	926.98.140	×
Stainless Steel Matt (316)	926.98.060	X										
Brass Polished Lacquered	926.98.048	X	926.98.108	X	926.98.098	X	926.98.118	X	926.98.138	X	926.98.148	×
Stainless Steel Black Satin	926.98.043	X	926.98.103	X	926.98.093	X	926.98.113	X	926.98.133	×	926.98.143	×

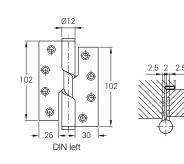
Packaging: 1 pc

🟦 Stock Item 🛛 🗙 Freight Item

94 DOOR HINGE





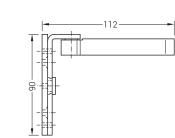


> Rising Hinge, 20kg

Material	Version	UOM	Cat.no.	
Stainless Steel Matt 304	DIN Left	Piece	926.13.503	X
Wall 304	DIN Right	Piece	926.13.603	×

Packing: 1 pc





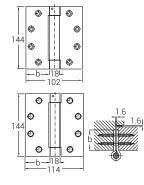




Cover cap for CIR

Routing jig for CIR





> Spring Hinge

> 114mm (H) x 102mm (W) x 3.5mm (T), 60kg

> Flange width 40 mm

Material	Finish/colour	UOM	Cat.no.	
Stainless Steel Matt (304)	Stainless Steel	Piece	926.35.003	X

Packing: 1 pc

# **Concealed Pivot Hinge**

### Features

- > For flush doors
- > For concealed mounting
- > Maintenance-free polymer friction bearing
- > Suitable for DIN left hand and DIN right hand

#### **Technical data**

- > Max. door weight: 70 kg
- > Adjustment facility:
- > Side each ±3 mm,
- > Deep each ±1.5 mm

Material/finish	UOM	Cat.no.	
Stainless Steel Matt 304	Piece	927.54.000	×
Stainless Steel Matt 304 Steel Galvanised		927.54.090	×

Packing: 1 pc

### Cover Cap for CIR

Material/finish	UOM	Cat.no.	
Plastic Chrome Plated Matt	Piece	927.54.141	X
Plastic Brass Plated		927.54.180	X

Packing: 1 pc

### Routing Jig for CIR

Material/finish	UOM	Cat.no.	
Steel	Piece	927.54.200	X

Stock Item

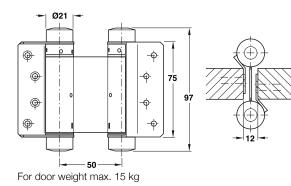
Packing: 1 pc

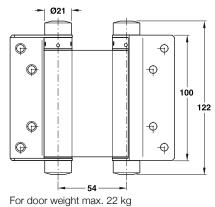


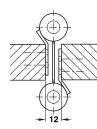


#### Features

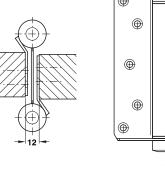
- > For timber frames
- > For flush doors
- > 180° swing action on both sides
- > Suitable for DIN left hand and DIN right hand
- > With plastic washer improved swing action

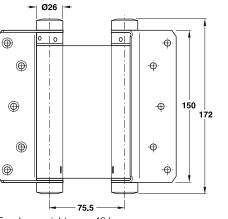


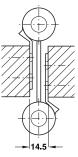




For door weight max. 27 kg







For door weight max. 40 kg

### > Double Action Spring Hinge

Max. door weight kg	15	22	27	40
Max. door height mm	1,800	1,900	2,000	2,500
Knuckle mm	21	21	21	26
Door thickness mm	18 - 25	25 - 30	30 - 35	35 - 40
Max. door width mm	600	700	700	750
Steel Nickel Plated Satin	927.01.070 🛪	927.01.170 🗙	927.01.270 🛪	927.01.370 🗙

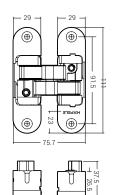
Packing: 1 pc

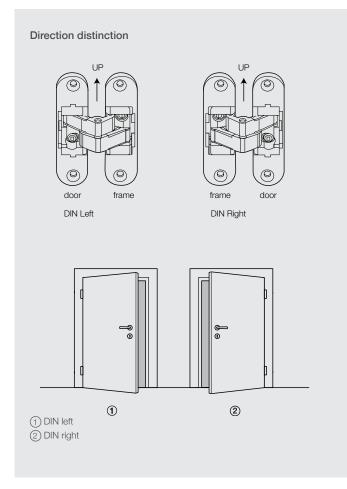
🕋 Stock Item 🛛 🛪 Freight Item



-







> 111mm (H) x 29mm (W) x 31mm (D), 3D Adjustable

- > Max. door width 1000mm
- > Min. door thickness 40mm
- > Max. door height 2000mm
- > Max. door weight with 2 hinges 60kg

## CHZ 60 Concealed Door Hinge

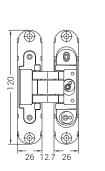
Material	Finish/colour	UOM	Cat.no.	
Zinc Diecast	Satin Chrome	Piece	927.04.004 (L)	俞
			927.04.014 (R)	

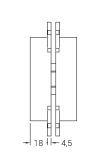
Packing: 1 pc

🕋 Stock Item 🛛 🛪 Freight Item

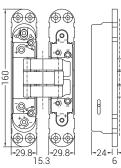


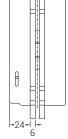




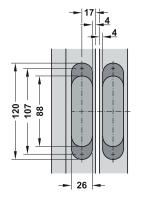


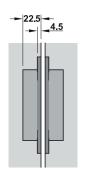






Installation





Features

- > For timber frames
- > For flush doors
- > For concealed mounting

#### **Technical data**

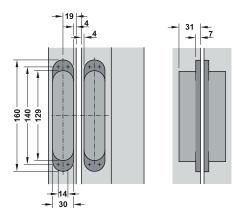
- > Max opening angle: 180°
- > Min. door thickness: 40 mm
- > Max. door weight
  - 40 kg with 2 hinges - 50 kg with 3 hinges
- > Adjustment facility: Continuously 3D adjustable height and side  $\pm 2$  mm, closing pressure  $\pm 1$  mm

### Concealed mortise hinge, 3D adjustable

Material/finish	Cat.no.	
Zinc Alloy Nickel Plated Matt	927.91.606	X

Packing: 2 pcs

Installation



#### Features

- > For timber frames
- > For flush doors
- > For concealed mounting

### **Technical data**

- > Max opening angle: 180°
- > Min. door thickness: 40 mm
- > Max. door weight
- 80 kg with 2 hinges
- 100 kg with 3 hinges
- > Adjustment facility: Continuously 3D adjustable height ±3 mm and +3/-2 mm and closing pressure  $\pm 1$  mm

#### Concealed mortise hinge, 3D adjustable

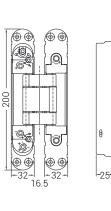
Material/finish	Cat.no.	
Zinc Alloy Nickel Plated Matt	927.91.636 🛪	
Zinc Alloy Black Matt	927.91.633 🛪	

Packing: 2 pcs

Stock Item

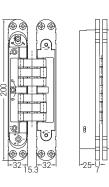
DOOR HINGE 99



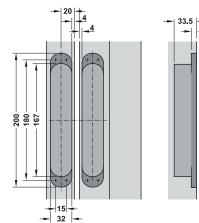


8





Installation



#### Features

- > For timber frames
- > For flush doors
- > For concealed mounting

### **Technical data**

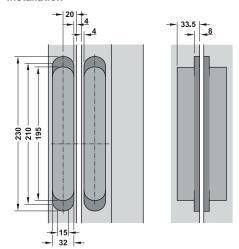
- > Max opening angle: 180°
- > Min. door thickness: 40 mm
- > Max. door weight
  - 120 kg with 2 hinges
  - 140 kg with 3 hinges
- > Adjustment facility: Continuously 3D adjustable height  $\pm$ 3 mm side +3/-2 mm and closing pressure  $\pm$ 1 mm

#### Concealed mortise hinge, 3D adjustable

Material/finish	Cat.no.	
Zinc Alloy Chrome Plated Matt	927.91.624	×

Packing: 2 pcs

Installation



### Features

- > For timber frames
- > For flush doors
- > For concealed mounting

#### **Technical data**

- > Max opening angle: 180°
- > Min. door panel thickness: 40 mm
- > Max. door weight: 200 kg with 2 hinges
- > Adjustment facility: Continuously 3D adjustable height ±3 mm,
- side +3/-2 mm and closing pressure ±1 mm

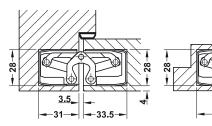
#### Concealed mortise hinge, 3D adjustable

Material/finish	Cat.no.	
Zinc Alloy Nickel Plated Matt	927.91.646	X

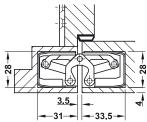
Packing: 2 pcs



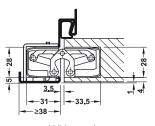
Installation



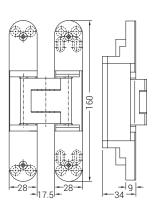
To wooden block frames

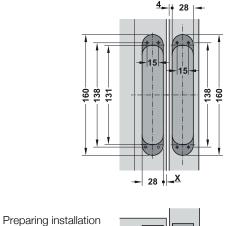


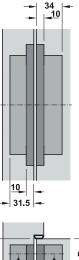
With mounting plate to wooden lining frames



With receiver to steel frames







Features

- > For frames made of wood, steel or aluminium
- > For flush doors
- > For concealed mounting
- > Suitable for DIN left hand and DIN right hand

### **Technical data**

- > Max opening angle: 180°
- > Min. door thickness: 40 mm
- > Max. door weight: 80 kg
- > Adjustment facility: Continuously 3D adjustable side and height and  $\pm 3$  mm, closing pressure  $\pm 1$  mm
- > Router bit Ø: 24mm
- > X gap must be between 3 mm 7 mm (steel frame) X = 5 mm

### Concealed mortise hinge, TECTUS TE 340 3D

Material	Finish/colour	Cat.no.	
Link: Aluminium	Stainless Steel Coloured	924.17.104	X
	Silver Coloured	924.17.121	$\mathbf{X}$
	Black Matt Coloured	924.17.137	X

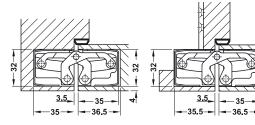
Packing: 2 pcs

### Order reference

For wooden lining frame and steel frame must order mounting plate or receiver separately.



Installation

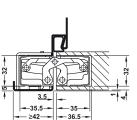


To wooden block frames

With mounting plate to wooden lining frames

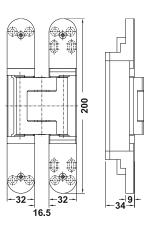
- 35

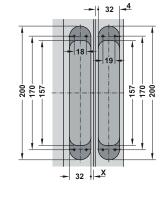
ß

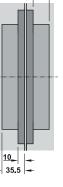


With receiver to steel frames

36.5 10







Preparing installation





#### Features

- > For frames made of wood, steel or aluminium
- > For flush doors
- > For concealed mounting
- > Suitable for DIN left hand and DIN right hand

#### **Technical data**

- > Max opening angle: 180°
- > Min. door thickness: 40 mm
- > Max. door weight: 120 kg
- > Adjustment facility: Continuously 3D adjustable side and height and ±3 mm, closing pressure ±1 mm
- > Router bit Ø: 24mm
- > X gap must be between 3 mm 6 mm (steel frame) X = 5 mm

### Concealed mortise hinge, TECTUS TE 540 3D

Material	Finish/colour	Cat.no.	
Link: Aluminium	Stainless Steel Coloured	924.17.225	X
	Silver Coloured	924.17.223	X
	Black Matt Coloured	924.17.229	X

Packing: 2 pcs

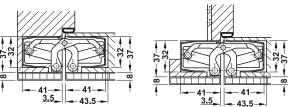
### Order reference

For wooden lining frame and steel frame must order mounting plate or receiver separately.

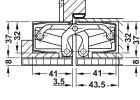
Stock Item 🗙 Freight Item



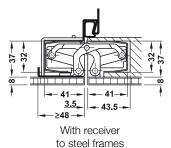
Installation

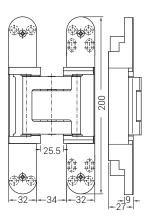


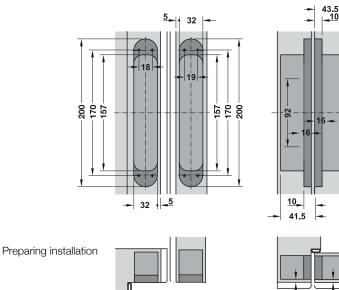
To wooden block frames



With mounting plate to wooden lining frames









- > For frames made of wood, steel or aluminium
- > For doors with doubling elements up to 8 mm
- > For flush doors
- > For concealed mounting
- > Suitable for DIN left hand and DIN right hand

### **Technical data**

- > Max opening angle: 180°
- > Min. door thickness: 40 mm
- > Max. door weight: 100 kg
- > Adjustment facility: Continuously 3D adjustable side and height and ±3 mm and closing pressure ±1 mm
- > Router bit Ø: 24mm

### Concealed mortise hinge TECTUS TE 540 3D A8

Material	Finish/colour	Cat.no.	
Link: Aluminium	Stainless Steel Coloured	924.17.325	×
	Silver Coloured	924.17.323	×

Packing: 2 pcs

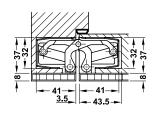
### Order reference

For wooden lining frame and steel frame must order mounting plate or receiver separately.

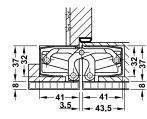
Stock Item 🗙 Freight Item



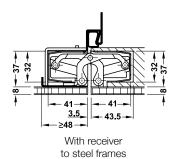
Installation

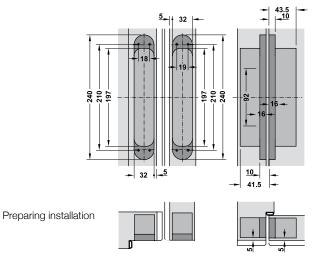


To wooden block frames



With mounting plate to wooden lining frames





#### Features

- > For frames made of wood, steel or aluminium
- > For doors with doubling elements up to 8 mm
- > For flush doors
- > For concealed mounting
- > Suitable for DIN left hand and DIN right hand

### **Technical data**

- > Max opening angle: 180°
- > Min. door thickness: 40 mm
- > Max. door weight: 160 kg
- > Adjustment facility: Continuously 3D adjustable side and height  $\pm$ 3 mm and closing pressure  $\pm$ 1 mm
- > Router bit Ø: 24mm

### Concealed mortise hinge TECTUS TE 640 3D A8

Material	Finish/colour	Cat.no.	
Cover Plates: Steel, Plastic Coated Link: Aluminium	Stainless Steel Coloured	924.17.525	X
	Silver Coloured	924.17.523	×
	Black Matt	924.19.537	X
	Bronze Metallic	924.19.550	X
	Nickel Polished	924.17.573	X
	Brass Polished	924.19.580	X

#### Packing: 2 pcs

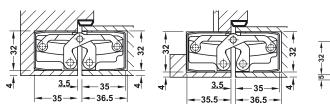
Order reference

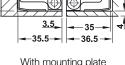
For wooden lining frame and steel frame must order mounting plate or receiver separately.

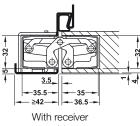
👚 Stock Item 🛛 🛪 Freight Item



Installation

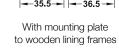


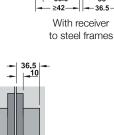


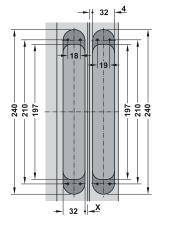


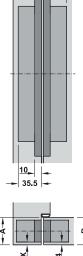
ж¢ F 衙 쉛 240 34-9-32 6.5

To wooden block frames









Features

- > For frames made of wood, steel or aluminium
- > For doors with doubling elements up to 8 mm
- > For flush doors
- > For concealed mounting
- > Suitable for DIN left hand and DIN right hand

### Technical data

- > Max opening angle: 180°
- > Min. door thickness: 40 mm
- > Max. door weight: 200 kg
- > Adjustment facility: Continuously 3D adjustable side and height and ±3 mm and closing pressure ±1 mm

Preparing installation

- > Router bit Ø: 24mm
- > X gap must be between 3 mm 6 mm (steel frame) X = 5 mm

### Concealed mortise hinge TECTUS TE 640 3D

Material	Finish/colour	Cat.no.	
Link: Aluminium	Stainless Steel Coloured	924.17.425	X
	Silver Coloured	924.17.423	X

Packing: 2 pcs

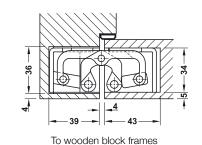
### Order reference

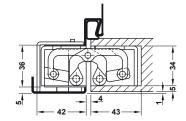
For wooden lining frame and steel frame must order mounting plate or receiver separately.

Stock Item 🗙 Freight Item

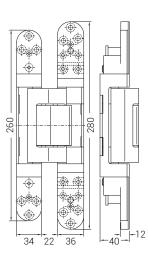


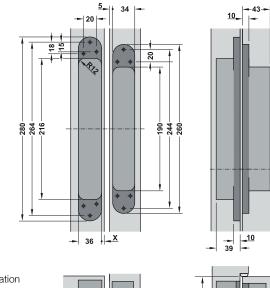
Installation



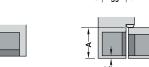


With receiver to steel frames





Preparing installation



### Features

- > For frames made of wood, steel or aluminium
- > For flush doors
- > For concealed mounting
- > Suitable for DIN left hand and DIN right hand

### **Technical data**

- > Max opening angle: 180°
- > Min. door thickness: 44 mm
- > Max. door weight: 300 kg
- > Adjustment facility: Continuously 3D adjustable side and height ±3 mm and closing pressure ±1 mm
- > Router bit Ø: 24mm

### Concealed mortise hinge TECTUS TE 645 3D

Material	Finish/colour	Cat.no.	
Cover: Steel, Plastic Coated Link: Aluminium White	Stainless Steel Coloured	924.19.000	X
	Silver Coloured	924.19.004	X

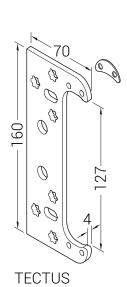
Packing: 2 pcs

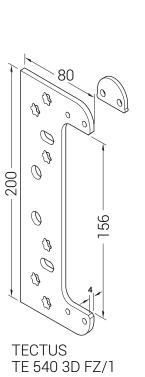
#### Order Referenace

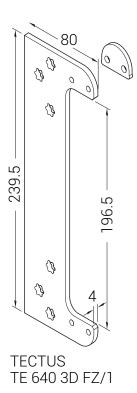
For wooden lining frame and steel frame must order mounting plate or receiver separately.

Stock Item 🛪 Freight Item









# TE 340 3D FZ

### Features

- > For woodne lining frames
- > For concealed mounting
- > Suitable for DIN left hand and DIN right hand

### Material/finish

> Steel galvanized

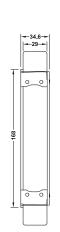
#### Supplied with

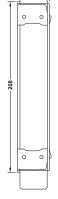
- > 1 Mounting plate
- > 2 Spacer plates each of 0.5, 1, 2, 3 mm

## Mounting Plate TECTUS TE 340/540/640 3D FZ/1

Material	Finish/colour	Cat.no.	
Steel Galvanized	TECTUS TE 340 3D FZ/1	924.17.192	X
	TECTUS TE 540 3D FZ/1	924.17.298	X
	TECTUS TE 340 3D FZ/1	924.17.498	×

Stock Item





-38.5 ⊷33-

TECTUS TE 340 3D SZ

TECTUS TE

540 3D SZ



TECTUS TE 540 3D A8 SZ





-33

640 3D A8 SZ





Features

- > For steel frames
- > For mounting hinge
- > Suitable for DIN left hand and DIN right hand

### Material/finish

> Steel galvanized

## Hinge receiver TECTUS TE 340/540/640 3D (A8)

Model	Dim. A mm	Dim. B mm	Cat.no.	
TECTUS TE 340 3D FZ/1	210	34	924.17.199	X
TECTUS TE 540 3D FZ/1	248	38	924.17.299	X
TECTUS TE 540 3D A8 SZ	250	43	924.17.799	X
TECTUS TE 640 3D SZ	288	38	924.17.499	X
TECTUS TE 640 3D A8 SZ	290	43	924.17.899	X





HAIFELE

1

HAFELE

# DOOR CLOSERS CLASSIFICATION

# Classification of door closers in compliance with EN 1154:1996 + A1:2002

The requirements and test procedures for door closers are defined in European standard EN 1154:1996 + A1:2002 "Locks and Architectural Hardware - Controlled door closing devices". The requirements are classified using a six-digit designation system.

# 6-digit classification key in accordance with EN 1154:1996 + A1:2002

Position					
1	2	3	4	5	6
Category of use	Durability	Door closer size	Suitability for use on fire resistant/smoke control doors	Safety	Corrosion resistance

# Meaning of individual positions in classification key:

Position	Possible grades	Meaning
1 Category of use	3-4	$3 = \text{Closing of door from opening angle } >105^{\circ}$
		$4 = \text{Closing of door from opening angle } 180^{\circ}$
2 Durability	8	8 = 500,000 test cycles
3 Door closer size	1-7	1 = Door width: max. 750 mm; test door weight: 20 kg
		2 = Door width: max. 850 mm; test door weight: 40 kg
		3 = Door width: max. 950 mm; test door weight: 60 kg
		4 = Door width: max. 1,100 mm; test door weight: 80 kg
		5 = Door width: max. 1,250 mm; test door weight: 100 kg
		6 = Door width: max. 1400 mm; test door weight: 120 kg
		7 = Door width: max. 1,600 mm; test door weight: 160 kg
4 Suitability for use on fire resistant/	0-1	0 = Not suitable for use on fire resistant and smoke control doors
		1 = suitable for use on fire resistant and smoke control doors 1996 + A1:2002: A prerequisite is that the fire safety certificate of the fire test on typical fire resistant and smoke control doors confirms that the door closer does not adversely affect the fire resistance properties of the door. This verification management is outside the scope of application of this European standard.
5 Safety	1	1 = All door closers must meet the substantial safe usage requirements. For this reason, only grade 1 has been defined.



# DOOR CLOSERS CLASSIFICATION

Meaning of individual positions in classification key:					
Position	Possible grades	Meaning			
6 Corrosion resistance	0-5	0 = No defined corrosion resistance			
		1 = Low corrosion resistance			
		2 = Medium corrosion resistance			
		3 = High corrosion resistance			
		4 = Extremely high corrosion resistance			
		5 = Extraordinarily high corrosion resistance			

# 1996 + A1:2002:

1 For all interior and external doors in public and other buildings where persons have little inclination to take care and are likely to use the door incorrectly.

Note 1: Classification in compliance with grade 4 requires standard installation in accordance with the manufacturer's specifications.

Note 2: For applications, where heavy duty use is expected, or with specially limited door opening angles the use of door closers with backcheck or the use of door stoppers is recommended.

2 Where a door closer provides a range of closing force sizes both the minimum and maximum size must be identified (also see following table).

		Definition	of individual	door	closer	sizes:
--	--	------------	---------------	------	--------	--------

Door closer size	Recommended max door width	Test door weight kg	Closing mome	ent NM	Opening moment Nm	Door closer efficiency %		
	mm				between 88° and 92°	at any other opening angle	between 0° and 60°	between 0° and 4°
			min.	max.	min.	max.	max.	min.
1	750	20	9	13	3	2	26	50
2	850	40	13	18	4	3	36	50
3	950	60	18	26	6	4	47	55
4	1100	80	26	37	9	6	62	60
5	1250	100	37	54	12	8	83	65
6	1400	120	54	87	18	11	134	65
7	1600	160	87	140	29	18	215	65

# DOOR CLOSERS CLASSIFICATION

Example: "DCL 83" certified in compliance with EN 1154:1996 + A1:2002



# Classification code:

Classification code:		3 8 2-4 1 1 3
Position	Meaning	
1 Category of use	Grade 3: Closing of door from opening angle $> 105^{\circ}$	
<b>2</b> Durability	Grade 8: 500,000 cycles	·
<b>3</b> Door closed size	Grade 2–4: Door width: max. 850 mm; test door weight: 40 kg, (grade 2) Door width: max. 950 mm; test door weight: 60 kg, (grade 3) Door width: max. 1,100 mm; test door weight: 80 kg, (grade 4)	•
<b>4</b> Suitability for use on fire resistant/smoke control doors	Grade 1: Suitable for use on fire resistant/smoke control doors.	
5 Safety	Grade 1: All door closers must meet the substantial safe usage requirements.	
6 Corrosion resistance	Grade 3: High corrosion resistance	

# DOOR CLOSERS

The door closers in this catalogue are divided into the following groups:

- Overhead door closers with guide rail, arm assembly or as concealed version
- Floor springs

Accessories for the closer systems can be found directly after the individual closer systems. General accessories for all closer systems can be found at the end of the product group.

# APPROPRIATE APPLICATION

Door closers must be used only to close pivot or hinged doors made of wood, metal, aluminium or glass after these have been opened manually. Individual floor springs and concealed door closers can also be used for double action doors.

Door closers need to be replaced when a satisfactory and safely functioning closing action is no longer guaranteed.

# The following inappropriate use must be avoided under any circumstances:

- Use of the door closer for applications other than closing of doors
- Obstruction of the closing action for example by scraping doors, catching seals or stiff locks
- Incorrect or inappropriate installation and setting such as banging doors
- Incorrect selection of the closer size or closing force

# INSTALLATION AND INITIATION

The following points must be observed during the installation and initiation of door closers:

HXFEI

- Before the installation and initiation of door closers, including additional equipment and accessories, the relevant legal regulations need to be observed.
- Door closers must be installed and adjusted correctly by qualified personnel.
- Product information must be observed and has to be passed on to the clients and end users.
- Door closers in hold-open systems are subject to legal controls, monitoring and maintenance procedures.
- In case of particularly unfavourable local conditions (i.e. influence of wind), door closers with a higher closing force must be used.
- If, due to the circumstances of the door and surrounds, it cannot be avoided that the door leaf knocks against the door frame near the door pivot point, a door stopper must be used, which will limit the maximum opening angle of the door closer.
- If a door spring is in contact with water (i.e. external doors), the space between the cement casing and the housing must be filled with a suitable sealing compound.

# FIRE RESISTANCE AND SMOKE CONTROL

The construction of fire resistant doors (steel doors T30-1) is subject to the clearly defined regulations of DIN 18082.

The regulations of smoke control doors are listed in DIN 18095. Furthermore the EN 1634 standard applies.

Fire resistant and smoke control doors which have been approved by the building inspector must not be modified. The installation of a door closer or hold-open systems may require a proof of suitability in connection with the fire resistant and smoke control door, a final check, an agreement or authorization.

**F** Door closers which have been tested for fire resistant and smoke control doors are marked with a fire resistant symbol. Accessories for certain closer systems for fire resistant and smoke control doors are central smoke alarm systems, smoke alarms, electric or adhesive door magnets and anchor or adhesive counterplates, and can be found in this catalogue.

# MAINTENANCE AND REPAIR

Carry out the following maintenance works regularly:

- Check the safety relevant components for their sturdy positioning and for their wear and tear
- Re-tighten the fixing screws and exchange defective components
- Test the settings (i.e. closing speed) and easy movement of the door
- If necessary, apply grease to the moving components (i.e. arm assembly)

Repairs must be carried out by authorized qualified personnel. Only cleaning agents which do not contain corrosive elements and damaging components may be used.

# GENERAL DOOR CLOSER FUNCTIONS

# Closing force

The closing force depends on the width of the door leaf. With most door closers, it can be set and adjusted exactly to the respective door situation In case of particularly unfavourable local conditions (i.e. wind influence), door closers with a higher closing force must be used.

Door closer size	Recommended max door width mm	Test door weight kg
1	750	20
2	850	40
3	950	60
4	1100	80
5	1250	100
6	1400	120
7	1600	160

The recommended door widths apply to standard installation. In case of particularly high and heavy doors, extreme draught conditions or special installation, door closers with a higher closing force must be used.

The weight specifications in the table apply only to the test procedure. The given values do not correspond to the max. values for the installation.

#### Door co-ordination

In case of 2-leaf doors, the door co-ordinator ensures the correct closing sequence of both door leaves (inactive leaf before active leaf).

#### Hold-open arm

Fixed hold open position can be achieved with additional special fittings (i.e. hold-open arm) or with integrated construction elements (interlocking hold-open insert).

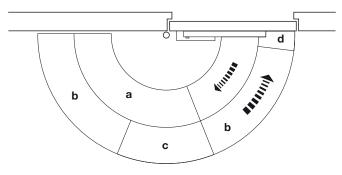
Door closers with hold-open arm or interlocking hold-open insert are not suitable for fire resistant and smoke control doors.

#### Free-swing arm assembly

With a free-swing arm assembly, the doors remain freely movable (comparable with a door without closing function), however the door closes securely in case of a fire.



# DOOR CLOSER FUNCTIONS IN THE DOOR OPERATING RANGE



#### a, Backcheck

With backcheck, the swing of a forcefully opened door (manually or for example by gusts of wind) is reduced. Damage to the door or wall are therefore minimised or eliminated.

#### b, Closing speed

The exact setting of the closing speed guarantees a controlled closing of the door leaf.

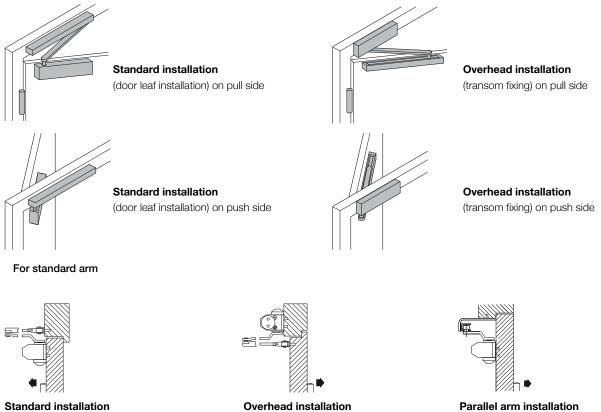
#### c, Closing delay

The closing delay increases the closing time so that, for example, persons carrying luggage or bulky items, mothers with prams have sufficient time to walk through the door.

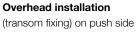
#### d, Latching action

The latching action controls the closing of the door and ensures, that the lock closes reliably. It can be adjusted with most door closer models.

# MOUNTING OPTIONS

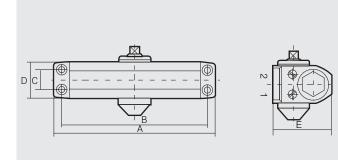


(door leaf installation) on pull side



Parallel arm installation on push side





# 5000 series

Sooo series									
Finish/colour	Material	Cat.no.		Туре	Type Dimension (mm)				
Silver	Aluminium	931.89.089	俞		А	В	С	D	E
				931.89.089	179	162	22	42	62.5
		931.89.099		931.89.099	179	162	22	42	62.5
		931.89.109		931.89.109	186	168	19	44.5	67
		931.89.119	<b>a</b>	931.89.119	186	168	19	44.5	67
		931.89.129	俞	931.89.129	186	168	19	44.5	67
		931.89.139	<b>a</b>	931.89.139	223	206	19	44.5	72

# Technical Information & Functio

Technical Information & Function							
Model		5001	5011	5002	5012	5003	5004
		931.89.089	931.89.099	931.89.109	931.89.119	931.89.129	931.89.139
Width of Door (mm)	Max.	800	800	900	900	900	1,100
Weight of Door ( kg )	Max.	30	30	45	45	65	85
Max. Open Angle		180°	180°	180°	180°	180°	180°
Applicable Temperat	ure	-30~40	-30~40	-30~40	-30~40	-30~40	-30~40
Closing Speed	Speed 1	180°-15°	180°-15°	180°-15°	180°-15°	180°-15°	180°-15°
Adjustment	Speed 2	15°-0°	15°-0°	15°-0°	15°-0°	15°-0°	15°-0°
Hold - Open		-	$\checkmark$	-	√	-	-
Backcheck Function		-	-	-	-	$\checkmark$	$\checkmark$
Fire Door		-	-	-	-	~	√
	Length	179	179	186	186	186	223
Dimension of Main Body	Width	42	42	44.5	44.5	44.5	44.5
	Height	62.5	62.5	67	67	67	72
Weight ( kg )		0.905 kg	0.905 kg	1.13 kg	1.13 kg	1.145 kg	1.425 kg
Passed Durability Te	st	500,000	500,000	500,000	500000	500,000	500,000

Packing: 10 sets

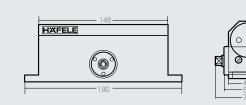
Stock Item

🛪 Freight Item









- > Area Application
- > Finish/colour
- : Aluminium > Adjustment facility : Closing speed and latching action are adjustable > Installation : Suitable for standard installation on door and overhead installation on frame : 2/3/4 Positions > Closing force : Up to 1,100 mm > Door weight : Up to 80kg

: wooden or Metal-framed Doors

- > Hold open angle
- > Mounting
- > Standard
- > Door width
  - : 90° (applicable for 499.30.003)
    - : For DIN left hand and DIN right hand use
  - : In compliance with EN 1154:1996/A1:2002

Finish/colour	Version	Cat.no.
Silver	Standard arm	499.30.002
	Hole-open arm	499.30.003

Packing: 8 sets

-58-1 9 ♦⊟∉€ 55 207 **4**N -250 -280

#### Features

- > Tested to EN 1154
- > Tested to conform with CE requirements
- > Variable closing force by installation position of body
- > Hydraulic latching action valve adjustable
- > Closing speed valve adjustable
- > On request available with backcheck
- > Suitable for DIN right hand and DIN left hand

#### Technical data

- > Closing force size
- > Door width size
- > Max. door weight
- > Max. door opening angle > Hold open angle

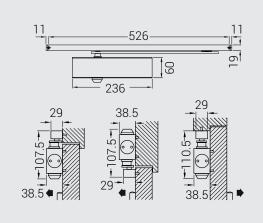
EN2-EN4 750-1,100 mm 80kg Approx. 180° 70-150°

# DCL 15

Finish/ colour	Version		Cat.no.	
Silver Coloured	Standard arm	F	931.84.629	×
	Hold-open arm	X	931.84.639	X
Black Matt	Standard arm	F	931.84.488	X
	Hold-open arm	X	931.84.489	X

Packing: 1 set





#### Features

- > Variable closing force by installation position of body
- > Hydraulic latching action valve adjustable
- > Closing speed valve adjustable
- > With fixed backcheck
- > With interlocking hold-open device
- > Suitable for DIN right hand and DIN left hand
- > Closing force according to EN 1154

#### Technical data

- > Closing force size> Door width size
- > Max. door weight
- > Max. door weight > Max. door opening angle
- > Hold open angle
- > noid open angle

# DCL 21

Finish/ colour	Version		Cat.no.	
Silver Coloured	Hold-open function	$\mathbf{X}$	931.84.129	X
Packing: 1 set				

EN2-EN4

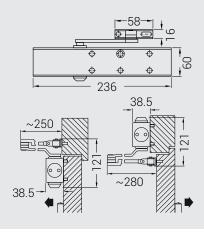
80kg

70-140°

750-1,100 mm

Approx. 140°





#### Features

- > Tested to EN 1154
- > Tested to conform with CE requirements
- > Closing force adjustable by valve
- > Hydraulic latching action valve adjustable
- > Closing speed valve adjustable
- > Backcheck valve adjustable

#### Technical data

- > Closing force size
- > Door width size
- > Max. door weight
- > Max. door opening angle
- > Hold open angle

EN2-EN5 750-1,250 mm 100kg Approx. 180° 70-150°

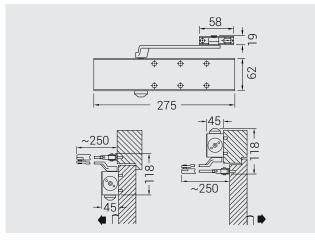
# DCL 51

Finish/ colour	Version		Cat.no.		
Silver Coloured	Standard arm	F	931.84.829	X	
Coloured	Hold-open arm	X	931.84.669	X	
Stainless Steel Matt	Standard arm	F	931.84.820	X	
Matt	Hold-open arm	X	931.84.660	X	
Brass Polished	Standard arm	F	931.84.828	X	
	Hold-open arm	X	931.84.668	X	
Black Matt	Standard arm	F	931.84.823	X	
	Hold-open arm	X	931.84.663	×	









#### Features

- > Tested to EN 1154
- > Tested to conform with CE requirements
- > Closing force adjustable by valve
- > Hydraulic latching action valve adjustable
- > Closing speed valve adjustable
- > Backcheck valve adjustable
   > Suitable for DIN right hand and DIN left hand

#### Technical data

> Closing force size	EN2-EN6
> Door width size	750-1,400 mm
> Max. door weight	120kg
> Max. door opening angle	180°
> Hold open angle	70-150°

# DCL 55

Finish/ colour	Version		Cat.no.	
Silver Coloured	Standard arm	F	931.84.769	X
	Hold-open arm	$\mathbf{X}$	931.84.819	X

Packing: 1 set

🛪 Freight Item Stock Item





448.5

287

30.5

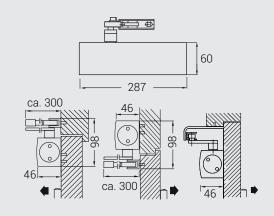
46

60

30.5

10

20



# Features

- > Tested to EN 1154
- > Tested to confirm with CE requirements
- > Closing force valve adjustable
- > Closing speed valve adjustable
- > With backcheck valve adjustable
- > Latching action adjustment via an arm assembly
- > Suitable for DIN right hand and DIN left hand
- > Optical indicator for closing force

## Technical data

> Closing force size	EN1-EN6
> Door width size	650-1,400 mm
> Max. door weight	200kg
> Max. door opening angle	Approx. 180°

- > Max. door opening angle
- > Hold open angle

Finish/ colour	Version		Cat.no.	
Silver Coloured	Standard arm	F	931.16.579	X
	Hold-open arm	X	931.16.589	X
Dark Bronze	Standard arm	F	931.16.571	X
	Hold-open arm	X	931.16.581	X
White RAL 9016	Standard arm	F	931.16.577	X
	Hold-open arm		931.16.587	×

70-150°

Packing: 1 set

🛪 Freight Item Stock Item

# Features

- > Tested to EN 1154
- > Closing force valve adjustable

8

- > Closing speed valve adjustable
- > With backcheck valve adjustable
- > Suitable for DIN right hand and DIN left hand
- > Optical indicator for closing force

#### Technical data

- > Closing force size
- > Door width size
- > Max. door weight
- > Max. door opening angle
- > Hold open angle

# TS 5000

Finish/ colour	Version		Cat.no.	
Silver Coloured	Non hold-open function	F	931.10.609	×
	Hold-open function	$\mathbf{X}$	931.10.619	X
Dark Bronze	Non hold-open function	F	931.10.601	X
	Hold-open function	$\bowtie$	931.10.611	X
White RAL 9016	Non hold-open function	F	931.10.607	X
	Hold-open function	X	931.10.617	X

Packing: 1 set

EN2-EN6 750-1,400 mm 250kg Approx. 180° 80-130°

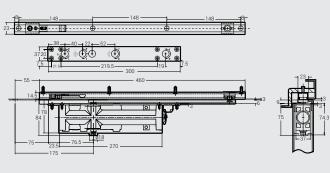


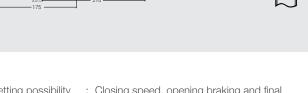
# CONCEALED DOOR CLOSER











> Setting possibility	:	Closing speed, opening braking and final
		impact speed
> Installation	:	Door closer body and sliding channel
		The chassis; or door closer body to the chassis
		and canal

- > Closing power : According to EN 1154 3-5
- > Door width : EN 3:950mm, EN 4:1100mm, EN 5:1250mm
- > Opening
- : ≤120° > Mounting direction : DIN Left or DIN Right compatible

# Features

- > Tested to EN 1154
- > Light opening force
- > Tested to confirm with CE requirements
- > Door closer for concealed installation in the door leaf or frame
- > Closing force valve adjustable
- > Hydraulic latching action valve adjustable
- > Closing speed valve adjustable
- > Suitable for DIN right hand and DIN left hand

# **Technical data**

- > Closing force size
- > Door width size
- > Max. door weight
- > Max. door opening angle
- > Max. hold open angle
- > Min. door panel thickness
- EN2-EN4 750-1,100 mm 80 kg 115° 115° 42 mm

#### **DCL 30** Finish/colour Version Cat.no. Silver Non-hold open function 931.84.209 Hold open function 931.84.219

Packing: 10 sets

Version	Cat.no.
Non-hold open function	931.84.039
Hold open function	931.84.269
Non-hold open function	931.84.233 🛪
Hold open function	931.84.033 🛪
	Non-hold open function Hold open function Non-hold open function

Packing: 10 sets

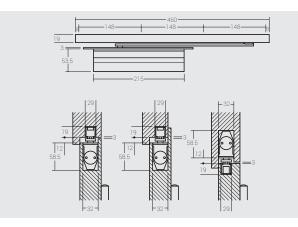
**DCL 33** 

俞



# CONCEALED DOOR CLOSER





#### Features

- > Tested to EN 1154
- > Tested to confirm with CE requirements
- > Door closer for concealed installation in the door leaf or frame
- > Hydraulic latching action valve adjustable
- > Closing speed valve adjustable
- > Suitable for DIN right hand and DIN left hand

# Technical data

> Closing force size	EN3
> Door width size	850–950 mm
> Max. door weight	60 kg
> Max. door opening angle	120°
> Max. hold open angle	115°
> Min. door panel thickness	40 mm

# DCL 34 EN3

Finish/colour	Version	Cat.no.	
Silver	Non-hold open function	931.84.049	俞
	Hold open function	931.84.279	俞
Black Matt	Non-hold open function	931.84.273	X
	Hold open function	931.84.043	X

Packing: 10 sets

#### Features

> Door closer for concealed installation in the door leaf or frame

460

148

148

-8

- > Hydraulic latching action valve adjustable
- > Closing speed valve adjustable

4.0

148

215

> Suitable for DIN right hand and DIN left hand

#### Technical data

- > Closing force size
- > Door width size
- > Max. door weight
- > Max. door opening angle
- > Max. hold open angle
- > Min. door panel thickness

EN4 950–1,100 mm 80 kg Approx. 120° Approx. 115° 40 mm

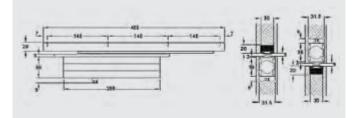
# DCL 34 EN4

Finish/ colour	Version	Cat.no.	
Silver Coloured	Non-hold open function	931.84.059	¥
	Hold-open function	931.84.339	

Packing: 10 sets

# CONCEALED DOOR CLOSER





> Width of Door

: 1000 (mm) Max.

> Weight of Door > Max. Open Angle

- : 60 ( kg ) Max.
- en Angle :105°
- > Closing Speed Adjustment Speed 1 :  $80^{\circ} 25^{\circ}$
- > Closing Speed Adjustment Speed 2 : 25° 0°
   > Applicable Temperature : -25°C 45°C
- > Passed Durability Test 500,000 cycles

# EN3

Material	Finish/colour	Version	Cat.no.	
Aluminium	Silver	Hold open function	931.77.019	<b>a</b>

Packing: 10 sets



# 

# Hold Open Device

Version	Cat.no.	
Hold Open Module For DCL33/34(EN3)	931.84.092	<b></b>
For DCL21/DCL61/DCL65/DCL83/DCL85	931.84.099	X
For DCL34 (EN4)/DCL 30	931.84.097	X

# Door Co-ordinator

Packing: 1 pc

Material	Finish/colour	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	931.65.960	<b>a</b>

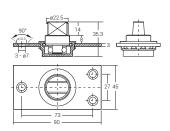
Packing: 1 pc











> Pivot Bearing 120kg

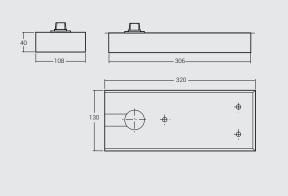
Version	Finish/colour	Cat.no.	
Floor Pivot Bearing	Stainless Steel	932.77.090	

Packing: 1 pc

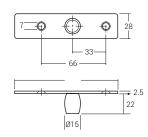
Version

Top Pivot

Packing: 1 pc







Cat.no.

981.00.080

俞

#### Features

- > For single or double action doors
- > Hydraulic latching action valve adjustable
- > Closing speed valve adjustable
- > With hold-open function 90°
- > Suitable for DIN right and DIN left doors
- > Closing force according to EN 1154

# Technical data

Finish/colour

Stainless Steel

Packing: 4 sets Supplied with:

> Closing force size	EN3	EN4
> Max. Door width size	950 mm	1,100 mm
> Max. door weight	100 kg	120 kg
> Max. door opening angle	approx. 130°	approx. 130°

Spec

EN3

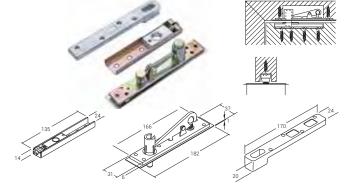
EN4

nt	100 kg	120
ing angle	approx. 130°	appr

Cat.no. 932.79.030

932.79.040

俞



Finish/colour

Stainless Steel

Version	Finish/colour	Cat.no.	
AL Accessories	Silver	932.79.090	

Packing: 1 set

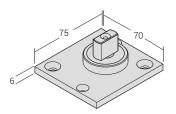
1 Floor spring, 1 Cover plate, stainless steel.





342

362

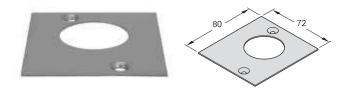


# > Max. door leaf weight 250kg

Version	Finish/colour	Cat.no.	
Pivot Bearing with Flat Conical Axle GEZE	Silver	932.10.601 1	

Packing: 1 pc

82105



#### Features

- > Tested to EN 1154
- > Tested to confirm with CE requirements

æ

- > For single and double action doors
- > Latching action valve adjustable
- > Closing force valve adjustable
- > Closing speed valve adjustable
- > With fixed backcheck
- > Safety value against overloading
- > Suitable for DIN right and DIN left doors
- > With progressive adjustable hold–open function from 80°–165°
- > Hold–open function can be adjustable to delay function

# Technical data

Finish/colour

Stainless Steel

Packing: 1 set

> Closing force size	EN
> Door width size	85
> Max. door weight	30
> Max. door opening angle	Ap

EN3–EN6 850–1,400 mm 300 kg Approx. 170°

Cat.no.

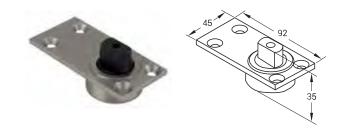
**Cat.no.** 932.10.140

932.10.061

> Cover Plate for Pivot Bearing GEZE

Material	Cat.no.
Steel	932.10.602

Packing: 1 pc



> Pivot Bearing

> Max. door weight: 400kg

	Material/finish	Cat.no.	
:	Stainless Steel Matt	932.86.920	×

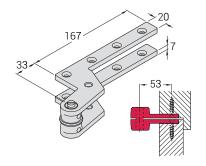
Packing: 1 pc

Finish/colour

Stainless Steel

 Stainless Steel Matt

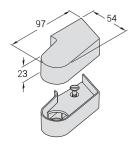
 Packing: 1 pc

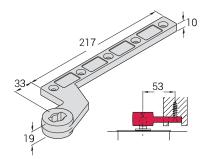


> Barrel hinge for single action doors GEZE

Version	Cat.no.	
Suitable for DIN right hand and DIN left hand	932.10.420	X

Packing: 1 pc

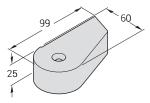




Door Rail for Single Action Doors GEZE

.no.	Cat.no.	n
.10.200 🏅	932.10.200	le for DIN right hand and DIN left hand
.10	932.10	le for DIN right hand and DIN left hand

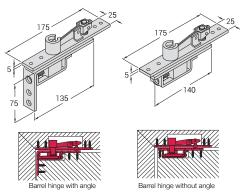
Packing: 1 pc



# > Cover Cap for Barrel Hinges on Flush Doors GEZE

Version	Cat.no.	
Suitable for DIN right hand and DIN left hand	932.10.529	×

Packing: 1 pc



> Adjustable Barrel Hinge for Double Action Swing Doors GEZE > Adjustable > Optional with or without bracket

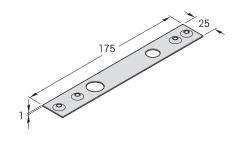
Version	Cat.no.
With angle	932.10.400
Without angle	932.10.410 🗂
Packing: 1 pc	

🛪 Freight Item Stock Item

# > Cover Cap for Door Rails on Flush Doors GEZE

Version	Cat.no.	
Left hand	932.10.519	X
Right hand	932.10.509	X

Packing: 1 pc



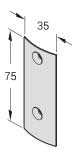
> Cover Plate for Barrel Hinge GEZE

Version	Cat.no.	
For top part of barrel hinge	932.10.589	×

Packing: 1 pc

128 FLOOR SPRING

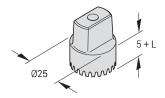


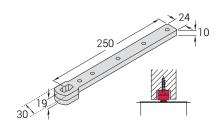


Front Plate for Barrel Hinge GEZE

Material	Cat.no.	
Aluminium	932.10.579	X

Packing: 1 pc





> Door Rail for Swing Doors GEZE

Version	Cat.no.	
To screw onto timber or metal doors	932.10.270	ì

Packing: 1 pc

> Sealing Compound

For sealing the gap around a floor spring

Version

Packing: 1 pc



# > Axle Prolongation for Floor Springs GEZE

Version	Length L mm	Cat.no.
Suitable for DIN	5	932.10.700 🛪
right and DIN left hand	10	932.10.703 🛪
	15	932.10.705 🛪
	20	932.10.706
	25	932.10.707 🛪

Packing: 1 pc

Stock Item

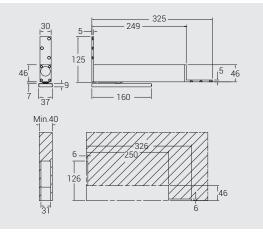


Cat.no.

932.10.310

×





# Features

- > Non-digging installation
- > Latching action valve adjustable
- > Closing speed valve adjustable
- > Double action version
- > Suitable for DIN right hand and DIN left hand
- > Closing force according to EN 1154

#### Technical data

> Closing force size	EN3
> Door width size	850–950 mm
> Max. door weight	100 kg
> Max. door opening angle	Approx. 125°
> Min. door panel thickness	40 mm
> Hold open angle	90°

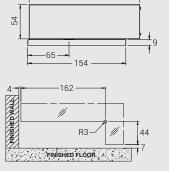
#### Hydraulic Floor Hinge for Timber Doors

Mat	erial/finish	Cat.no.	
Stair	less Steel Matt	981.91.921	X

# Packing: 1 set

# Order reference

Please order top pivot hinge Cat.No. 932.10.410 and cover plate Cat.No. 932.10.589 separately.



-173

Set pivot position of the fanlight patch fitting aligned with the pivot of the floor spring

#### Features

- > Non-digging installation
- > Latching action valve adjustable
- > Closing speed valve adjustable
- > Double action version
- > Suitable for DIN right hand and DIN left hand
- > Closing force according to EN 1154

### Technical data

> Closing force size	EN3
> Door width size	850–950 mm
> Max. door weight	100 kg
> Max. door opening angle	Approx. 125°
> Glass thickness	10-13.5 mm
> Hold open angle	90°

#### Hydraulic Floor Hinge for Glass Doors

Material/finish	Cat.no.	
Stainless Steel Matt	981.91.920	X

Packing: 1 set

#### Order reference

Please order top patch hinge Cat.No. 981.50.020 separately.

🕋 Stock Item 🛛 🛪 Freight Item



HAFELE

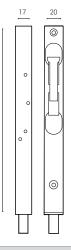
0

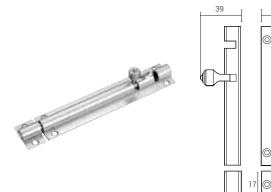
ø

G

E







1		I		
		0	0	3"/4"/6"/8"/10"/12"/18"/24"
	17	0	0	

40

[16.5

Ø11.4

31

Material	Finish/colour	Specification	Cat.no.	
Stainless Steel	Stainless Steel	6"	489.71.470	<b>a</b>
SUS 304		8"	489.71.471	
		12"	489.71.472	
		18"	489.71.473	
		24"	489.71.474	
		40"	489.71.475	
Stainless Steel	Antique Brass	6"	489.71.476	俞
		8"	489.71.477	
		12"	489.71.478	
	Antique Cooper	6"	489.71.482	
		8"	489.71.483	<b>a</b>
		12"	489.71.484	

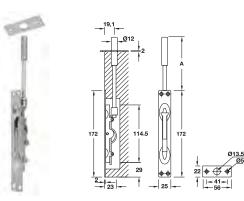
Material	Finish/colour	Specification	Cat.no.	
Aluminum	Satin	4"	489.71.341	俞
Nickel	6"	489.71.342	<b>a</b>	
	Antique Cooper	8"	489.71.343	俞
		12"	489.71.345	
		4"	489.71.351	俞
		6"	489.71.352	俞
		8"	489.71.353	俞
		12"	489.71.355	

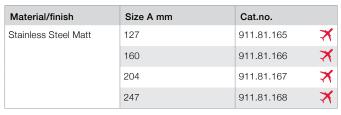
4" / 6" Packaging: 12 pcs or 120 pcs

8" / 12" Packaging: 12 pcs or 72 pcs

A SAC

6" / 8" / 12" Packaging : 10 pcs or 100 pcs 18" / 24" / 40" Packaging: 2 pcs or 5 pcs





Material	Finish/colour	UOM	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	Pair	911.62.304	<b>a</b>

160

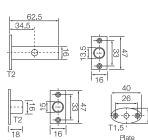
20

Packaging : 1 pair

Packaging: 1 pc

🕋 Stock Item 🛛 🗙 Freight Item





> Key turn operated included socket
 > Backset: 34.5 ±0.3 mm

# > Stroke: 19 mm

# ENGINEERING BOLT

Material	Finish/colour	Thickness mm	Cat.no.	
Stainless Steel SUS 304	Stainless Steel Matt	Up to 45	489.71.061	

Packaging: 1 pc



> Lock indicator red/blue

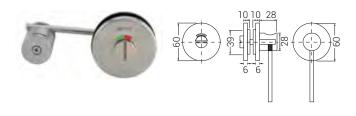
> With square spindle

# INDICATING BOLT

Material	Finish/colour	Cat.no.	
Stainless Steel SUS 304	Stainless Steel Matt	489.71.060	

16...20

Packaging: 1 pc

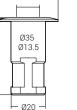


# WOODEN DOOR INDICATOR LOCK

Door Type	Thickness mm	Material/finish	Cat.no.
Timber	35-45	Stainless Steel Matt	981.12.060 🛪
		Stainless Steel Polished	981.12.061

Packaging: 1 pc



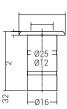


# DUST SOCKET

Material	Finish/colour	Diameter	Cat.no.
Stainless Steel SUS 304	Stainless Steel	Ø13 mm	489.70.777
Stainless Steel	Antique Cooper	Ø13 mm	489.70.779 🍙

Packaging : 20 pcs or 120 pcs





DUST SOCKET

Material	Finish/colour	Diameter	Cat.no.
Stainless Steel SUS 304	Stainless Steel	Ø12 mm	489.70.774
Stainless Steel	Antique Brass	Ø12 mm	489.70.775
Stainless Steel	Antique Cooper	Ø12 mm	489.70.776

Packaging: 40 pcs or 240 pcs

Finish/colour

Antique Cooper

Ø42

Finish/colour

50.5

Satin Nickel

Satin Nickel



DOOR HOLDER

DOOR HOLDER

Packaging : 20 pcs or 120 pcs

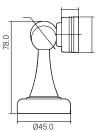
Material

Zinc Diecast

Packaging : 12 pcs or 72 pcs

Material

Zinc Diecast



Cat.no.

489.70.101

489.70.103

0

43

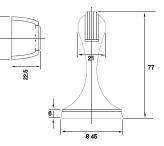
Cat.no.

489.70.227

24.0

-56.5

俞

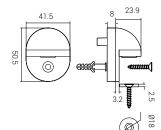


# DOOR HOLDER

Material	Finish/colour	Cat.no.	
Zinc Diecast	Nickel Satin	489.70.256	X
	Brass Polished	489.70.257	X
	Antique Brass	489.70.258	X
	Antique Cooper	489.70.259	$\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle\scriptstyle$
	Black Matt	489.70.255	X

Packaging : 12 pcs or 72 pcs



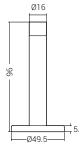


DOOR HOLDER

Material	Finish/colour	Cat.no.	
Zinc Diecast	Satin Nickel	489.70.121	1

Packaging : 12 pcs or 72 pcs





# FLOOR MOUNTED DOOR STOPPER

Material	Finish/colour	Cat.no.	
Zinc Diecast	Satin Nickel	489.70.281	
	Antique Cooper	489.70.283	

41.5

 $\bigcirc$ 

Packaging : 10 pcs or 100 pcs





# **二**5.2

# WALL MOUNTED DOOR STOPPER

Material	Finish/colour	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	489.70.206	<b>A</b>

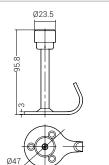
Packaging : 12 pcs or 72 pcs



🛪 Freight Item Stock Item







# 

# WALL MOUNTED DOOR STOPPER

Material	Finish/colour	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	489.70.208	俞

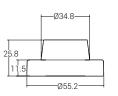
Packaging : 10 pcs or 100 pcs



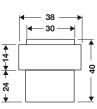
Material	Finish/colour	Cat.no.	
Stainless Steel SUS 304	Stainless Steel	489.70.207	

Packaging : 12 pcs or 72 pcs









# WALL MOUNTED DOOR STOPPER

Finish/colour	Cat.no.	
Stainless Steel	489.70.284	<b>a</b>

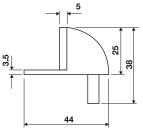
Packaging : 10 pcs or 100 pcs

# FLOOR MOUNTED DOOR STOPPER

Material/finish	Cat.no.	
Stainless Steel Matt	937.55.100	俞
Stainless Steel Black Matt	937.55.103	

Packaging : 1 pc





# FLOOR MOUNTED DOOR STOPPER

Material/finish	Cat.no.	
Stainless Steel Matt	937.55.140	俞
Stainless Steel Black Matt	937.55.143	俞

Packaging : 1 pc



Material/finish	Cat.no.	
Stainless Steel Matt (304)	937.12.800	俞
Stainless Steel Graphite Black	937.13.553	<b>a</b>

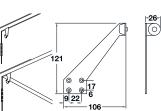
5 -

Packaging : 1 pc

-020

- 12 -



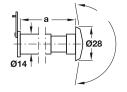


# TOP MOUNTED DOOR STOPPER

Material/finish	Version	Cat.no.	
Stainless Steel Matt	DIN Left	937.13.570	X
	DIN Right	937.13.560	X

Packaging : 1 pc





# > With flap

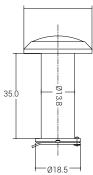
- > Angle of vision: 200°> Door drilling: 14 mm

# DOOR VIEWER

Material/finish	Door Thickness mm	Cat.no.	
Brass Nickel Plated Satin	(a) 35–55 mm	959.00.134	X
Brass Black Matt		959.00.138	X

Packaging : 1 pc





> With flap

> Angle of vision: 180°

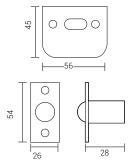
> Door drilling: 14 mm

# DOOR VIEWER

Material	Finish/colour	Door Thickness mm	Cat.no.	
Brass	Satin Nickel	25 - 40	489.70.436	<b>a</b>

Packaging : 30 pcs or 180 pcs





# ROLLER LATCH

Material	Finish/colour	Cat.no.	
Zinc Diecast	Satin Nickel	489.56.302	

Packaging : 1 pc



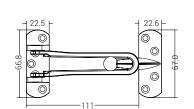


Finish/colour

Antique Cooper

Satin Nickel





Cat.no.

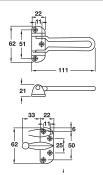
489.15.020

489.15.022

俞

俞



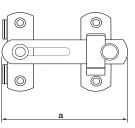


# DOOR GUARD

Material	Finish/colour	Cat.no.		
Zinc Diecast	Brass Polished	489.15.002	X	
	Antique Brass	489.15.003	X	

Packaging : 12 pcs or 72 pcs





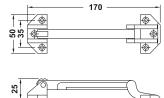
Packaging : 12 pcs or 72 pcs

DOOR GUARD

Material

Zinc Diecast



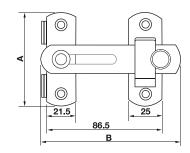


# DOOR GUARD

Door Type	Finish/colour	Cat.no.	
Timber	Nickel Satin	489.15.010	X

Packaging : 1 pc





# DOOR GUARD

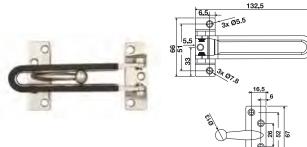
Material/finish	Dim A mm	Dim B mm	Cat.no.	
Stainless Steel Black	50	75	911.59.458	$\mathbf{X}$
Matt	75	100	911.59.459	X

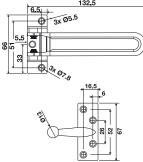
Packaging : 1 pc



Material	Dim. mm	Finish/colour	Cat.no.	
Stainless Steel	70	Stainless Steel Matt	489.71.680	ĸ
SUS304	100	wall	489.71.690	ĸ

Packaging : 1 pc





# DOOR GUARD

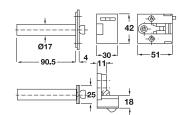
Material	Finish/colour	Cat.no.	
Zinc Diecast	Nickel Plated Satin	911.59.046 🗙	

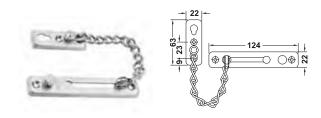
Packaging : 1 pc



HARDWARE FITTING ACCESSORIES 137



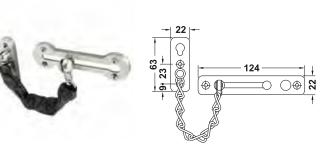




# SECURITY DOOR CHAIN

Material/finish	Cat.no.	
Zinc Alloy Nickle Plated Satin	911.59.425	X

Packaging : 1 pc



# E А В C

D

22 9

Е

Size

mm

240

Cat.no.

911.39.694 🏫

в

213

С

186

Α

240

Cat.no.

489.71.560

X

# DOOR CHAIN

Finish	Cat.no.	
Zinc Alloy Nickle Plated Satin	489.71.567	X

Stainless Steel SUS 304 Packaging : 20pcs or 100pcs

**REBATED PART** Material/finish

DOOR CHAIN Material/finish

Packaging : 1 pc

Stainless Steel Matt

Packaging : 1 pc

# We reserve the right to alter specifications without notice.

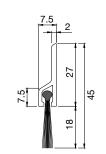
🛪 Freight Item Stock Item

138 HARDWARE FITTING ACCESSORIES

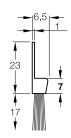


# DOOR SEAL









# BRUSH DOOR SEAL PVC HOLDER

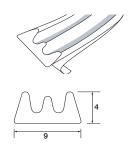
Length	Finish	Cat.no.	
1,000 mm	Brown	489.97.101	
	White	489.97.700	

# BRUSH DOOR SEAL ALUMINIUM HOLDER

Length	Finish	Cat.no.	
1,000 mm	Anodized Brown	489.97.102	俞
	Anodized Silver	489.97.902	俞

Packaging: 1 pc





# INTERNAL DOOR SEAL

Material/finish	Cat.no.	
Dark Brown	950.10.262	۲

Packaging : 25 m

Packaging: 1 pc

# EPDM RUBBER DOOR SEAL TYPE E

Length mm	Finish/colour	Cat.no.
5,000 (2,500 x 2)	Brown	489.41.004
(2,500 x 2) Gap: 2-3.5 mm	Grey	489.41.005
	White	489.41.006
	Black	489.41.007 🛪









- > For wooden door
- > Self adhesive > For gap 3.5-5 mm

# BRUSH DOOR SEAL

Length mm	Finish	Cat.no.	
5,000	Grey	489.41.041	X

Packaging : 5 m

Packaging : 5 m (2.5m x 2)	

🛪 Freight Item Stock Item

EPDM RUBBER DOOR SEAL TYPE D

Finish/colour

Brown

Grey

White

Black

Cat.no.

489.41.024

489.41.025

489.41.026

489.41.027

X

×

X

×

140 DOOR SEAL

Length mm

5,000 (2,500 x 2)

Gap: 3-5.5 mm



# DOOR SEAL



# DDS12 RETRACTABLE DOOR SEAL

Material/finish	Version	Length mm	Can be cut to length mm	Cat.no.
Carrier: Aluminium Seal Profile: Silicone Grey	Single side release	630	505	950.05.340 🛪
		730	605	950.05.341 🛪
		830	705	950.05.342 🛪
		930	805	950.05.343 🛪
		1,030	905	950.05.344 🛪
		1,130	1,005	950.05.345 🛪
	Double side release	730	605	950.05.961 🛪
		830	705	950.05.962 🛪
		930	805	950.05.963 🛪
		1,030	905	950.05.964 🛪
		1,130	1,005	950.05.965 🛪

Packaging : 1 pc or 10 pcs

# FOLD-AWAY LADDER



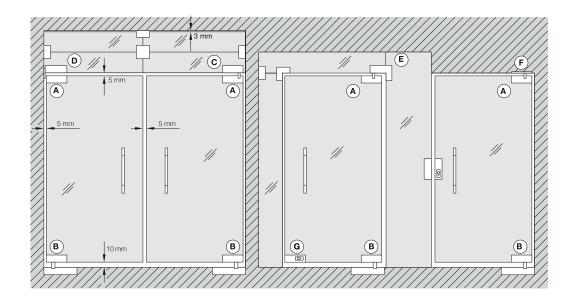
Material	(A) Carcase dim. mm	$(\widehat{B})$ Dim. of ladder case L x W x H mm	C Ceiling height mm	D Fold-away clearance mm	Cat.no.	
Star and case made of fir and pine Sub cap made of ply wood	1,200/600	1,190 x 590 x 135	2,800	550	982.50.000	X
Sub cap made of ply wood	1,200/700	1,190 x 690 x 135			982.50.001	X

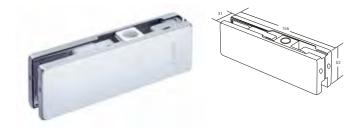
# GLASS DOOR FITTINGS

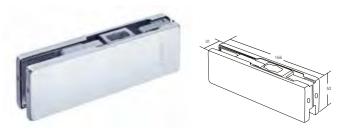
\*\*\*\*



# **GLASS DOOR FITTINGS** PATCH FITTINGS





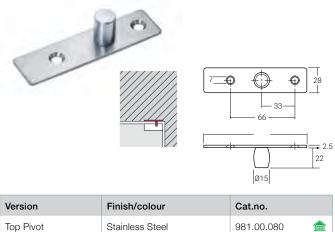


Version	Finish/colour	Cat.no.
Top Patch	Stainless Steel	981.50.020 🏠
	PSS	981.00.657 🏠
(A)	Stainless Steel Black Matt	499.81.013 🛪

Version	Finish/colour	Cat.no.	
Bottom Patch	Stainless Steel	981.50.010	
	PSS	981.00.654	
В	Stainless Steel Black Matt	499.81.003	•

Packaging : 1 pc or 20 pcs

Packaging : 1 pc or 20 pcs



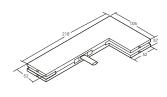
Version	Finish/colour	Cat.no.	
Top Pivot F	Stainless Steel	981.00.080	

Packaging : 1 pc or 200 pcs

# PATCH FITTINGS



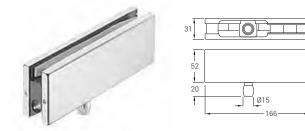




Version	Finish/colour	Cat.no.
Corner Patch with EPC	Stainless Steel	981.50.030
(G)	PSS	981.00.660 🏠
Corner Patch without EPC	Stainless Steel Black Matt	499.81.106

Version	Finish/colour	Cat.no.
Side Patch	Stainless Steel	981.50.040
	PSS	981.00.663
	Stainless Steel Black Matt	499.81.063 🛪

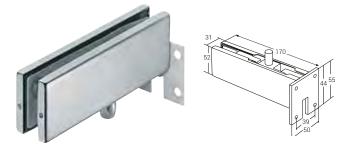
Packaging : 1 pc or 20 pcs



Version	Finish/colour	Cat.no.	
Side	Stainless Steel Matt	499.81.021	×
Patch	Stainless Steel Polished	499.81.022	×
	Stainless Steel Black Matt	499.81.023	×

Packaging : 1 pc or 20 pcs

Packaging : 1 pc or 20 pcs



Version	Finish/colour	Cat.no.
Wall Side Patch	Stainless Steel	981.50.050 🍙
	PSS	981.00.666 🏠

Packaging : 1 pc or 20 pcs



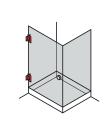


## GLASS HINGE

#### Glass Hinges with Hydraulic Soft Close

#### Wall to Glass Hinge 90°



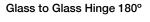


55

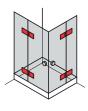
63

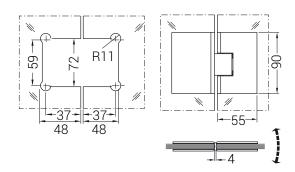
8

90









#### Features

72

- > Screw fixing to wall
- > Suitable for DIN left hand and DIN right hand
- > Auto-close at 85°, hold to open 90°

//

R11

-37--48-

> Adjustable 0°-position with slant gaskets

#### Technical data

> Max. door weight: 45 kg with 2 hinges> Max. door leaf width: 800 mm

#### Supplied with

- 1 Damping hinge 90°
- 1 Closing hinge 90°
- Fixing material

## > Glass to glass panel connector > Suitable for DIN left hand and D

- > Suitable for DIN left hand and DIN right hand
- > For glass thicknesses: 8-12 mm
- > Auto-close at 85°, hold to open 90°
   > Adjustable 0°-position with slant gaskets

- Technical data
- > Max. door weight: 45 kg with 2 hinges

Finish/colour

(304)

Stainless Steel Polished

> Max. door leaf width: 800 mm

#### Supplied with

Features

- 1 Damping hinge 90°
- 1 Closing hinge 90°
- Fixing material

Glass Thickness

Version

8-12 mm

Packing: 1 pair

Version	Finish/colour	Cat.no.	
Glass Thickness 8-12 mm	Stainless Steel Polished (304)	981.09.101	X

Packing: 1 pair

**Cat.no.** 981.09.141

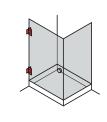
X

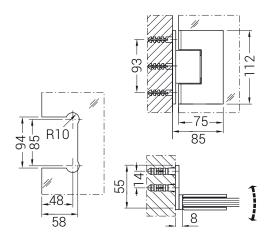
## GLASS HINGE

#### Glass Hinges with Hydraulic Soft Close

#### Wall to Glass Hinge 90°







#### Features

- > Screw fixing to wall
- > Suitable for DIN left hand and DIN right hand
- > Auto-close at 85°, hold to open 90°
- > Adjustable 0°-position with slant gaskets

#### Technical data

- > Max. door weight: 65 kg with 2 hinges
- > Max. door height: 2,400 mm
- > Max. door leaf width: 1,000 mm
- > Min. door leaf width: 800 mm

#### Supplied with

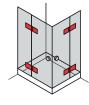
- 1 Damping hinge 90°
- 1 Closing hinge 90°
- Fixing material

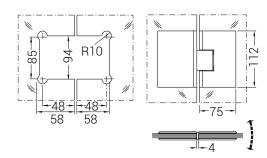
Glass Thickness Stainless Steel Polished 981.09.111	Ver	sion	Finish/colour	Cat.no.	
			Stainless Steel Polished (304)	981.09.111	X

Packing: 1 pair

Glass to Glass Hinge 180°







#### Features

- > Glass to glass panel connector
- > Suitable for DIN left hand and DIN right hand
- > Auto-close at 85°, hold to open 90°
- > Adjustable 0°-position with slant gaskets

#### Technical data

- > Max. door weight: 65 kg with 2 hinges
- > Max. door height: 2,400 mm
- > Max. door leaf width: 1,000 mm
- > Min. door leaf width: 800 mm

#### Supplied with

- 1 Damping hinge 90° 1 Closing hinge 90°
- Fixing material

Version	Finish/colour	Cat.no.	
Glass Thickness 10-15 mm	Stainless Steel Polished (304)	981.09.121	×

Packing: 1 pair

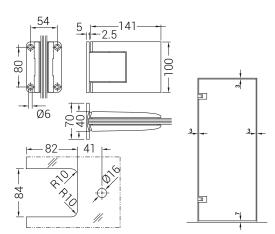


## GLASS HINGE

#### Double action spring hinge







#### Features

- > Screw fixing to wall
- > With self closing function
- > Hold to open 90°
- > Suitable for DIN left hand and DIN right hand

#### Technical data

- > Max. door weight: 100 kg per pair
- > Max. door leaf width: 1,000 mm
- > For glass thickness 8-12 mm

#### Supplied with

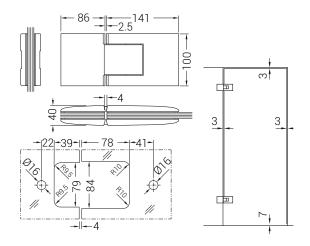
2 Double action spring hinges Installation instructions

Version	Finish/colour	Cat.no.	
Glass Thickness 8-12 mm	Stainless Steel Matt (304)	981.49.042	×

Packing: 1 pair







#### Features

- > Glass to glass panel connector
- > With self closing function
- > Hold to open 90°
- > Suitable for DIN left hand and DIN right hand

#### Technical data

- > Max. door weight: 100 kg per pair
- > Max. door leaf width: 1,000 mm
- > For glass thickness 8-12 mm

#### Supplied with

2 Double action spring hinges Installation instructions

Finish/colour	Cat.no.	
Stainless Steel Matt (304)	981.49.052	X

We reserve the right to alter specifications without notice.

🕋 Stock Item 🛛 🛪 Freight Item

## GLASS DOOR FITTINGS GLASS DOOR LOCK

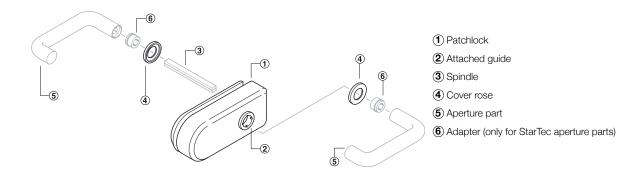
#### **Glass Door Fittings for Hinged Doors**

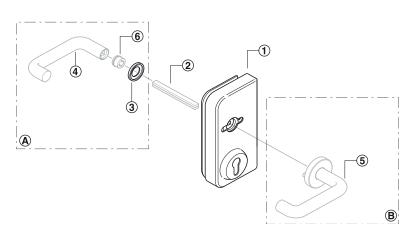


GHR 300



GHP 200





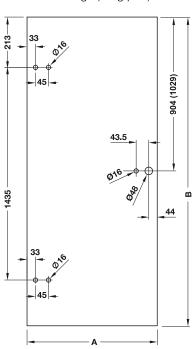
- (1) Patchlock
- 2 Spindle
- 3 Cover rose
- 4 Aperture part
- $(\mathbf{5})$  Lever handle with handle rose
- (6) Adapter (only for StarTec aperture parts)

A Installation for patchlock without handle rose
 B Installation for patchlock withhandle rose

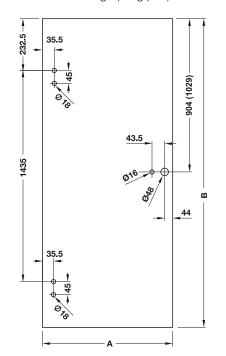


## GLASS DOOR FITTINGS GLASS DOOR LOCK

#### Glass preparation details GHR 300

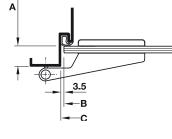


2-Piece hinge (wing part)



3-Piece hinge (wing part)

Please note rebate depth and glass weight:



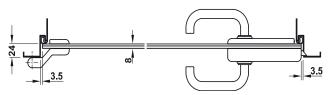
A = Rebate depthB = Standard glass dimensionsC = Frame rebate dimensions

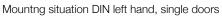
Glass thickness mm	Rebate depth A mm	Door weight kg/sqm
8	24	20
10	26	25
12	28	30

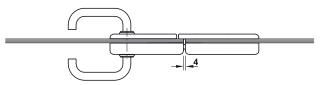
#### Dimensions for doors DIN 18101

Block work standard dimensions mm	750 x 2,000	875 x 2,000	1,000 x 2,000	750 x 2,215	875 x 2,125	1,000 x 2,125
Frame rebate dimensions C mm	716 x 1,983	841 x 1,983	966 x 1,983	716 x 2,108	841 x 2,108	966 x 2,108
Standard glass dimensions A x B mm	709 x 1,972	834 x 1,974	959 x 1,972	709 x 2,097	843 x 2,097	959 x 2,097

#### Installation





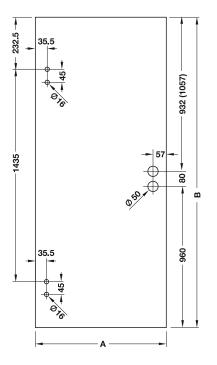


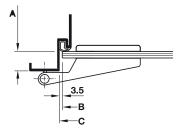
Mountng situation DIN left hand, double doors

## GLASS DOOR FITTINGS GLASS DOOR LOCK

#### Glass preparation details GHP 200

3-Piece hinge (wing part)





A = Rebate depth

B = Standard glass dimensions

C = Frame rebate dimensions

#### Please note rebate depth and glass weight:

Glass thickness mm	Rebate depth A mm	Door weight kg/sqm
8	24	20
10	26	25
12	28	30

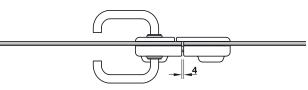
#### Dimensions for doors DIN 18101

Block work standard dimensions mm	750 x 2,000	875 x 2,000	1,000 x 2,000	750 x 2,215	875 x 2,125	1,000 x 2,125
Frame rebate dimensions C mm	716 x 1,983	841 x 1,983	966 x 1,983	716x 2,108	841 x 2,108	966 x 2,108
Standard glass dimensions A x B mm	709 x 1,972	834 x 1,974	959 x 1,972	709 x 2,097	843 x 2,097	959 x 2,097

#### Installation



Mountng situation DIN left hand, single doors



Mountng situation DIN left hand, double doors

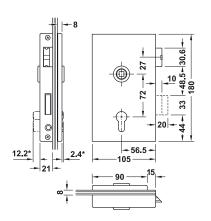


#### Locking Patch GHP 200





PC Lock



Prepared for profile cylinder (PC) and lever handles without handles roses.

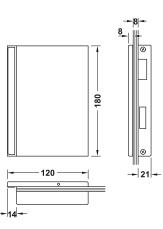
- > Version: With key action
- > Deadbolt: 2 turn
- > Distance: 72 mm

Material/finish	DIN Left		DIN Right	
For lever handles without handle	e roses			
Stainless steel matt (304)	981.49.100	X	981.49.110	X
Packing: 1 pc				

1 p

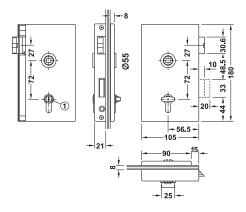
#### Strike Patch GHP 200





- > Area of application: For door made of tempered safety glass
- > For glass thickness: 8 mm
- > Version: Continuous visible glass edge within the lock area, 2-piece, in compliance with DIN 18251, grade 3, lever follower: Clamping follower, optional for lever handles with or without handle roses or prepared for lever handles with handle roses
- > Lever follower: 8 mm
- > Backset: 56.5 mm
- > Mounting: For DIN left and DIN right hand use

#### WC/Bathroom Lock



#### WC/bathroom lock, for aperture parts without roses

- > Version: with lock indicator vacant/engaged, with emergency opening option
- > Deadbolt: 1 turn
- > Distance: 78 mm

Material/finish	DIN Left		DIN Right	
For lever handles without hand	e roses			
Stainless steel matt (304)	981.49.106	X	981.49.116	X
Packing: 1 pc				

Packing: 1 pc

> Area of application: For double doors made of tempered safety glass

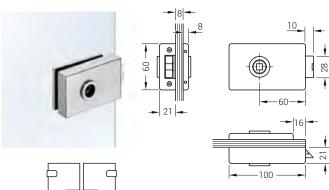
> For glass thickness: 8 mm

> Version: 2-piece, with stop, protrudes the glass edge

> Mounting: For DIN left and DIN right hande use

Material/finish	DIN Left		DIN Right	
Stainless steel matt (304)	981.49.480	۲.	981.49.490	X
De el de evidio e				

#### Locking Patch GHR 300



- > Area of application: For door made of tempered safety glass
- > For glass thickness: 8 mm
- > Version: Continuous visible glass edge within the lock area, latchbolt lock, 2-piece
- > Lever follower: 8 mm

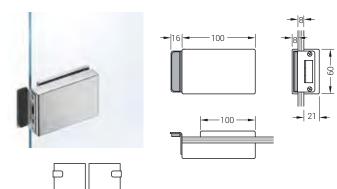
> Backset: 60 mm

> Mounting: For DIN left and DIN right hand use

Material/finish	Cat. No.	
Stainless steel matt (304)	981.49.520	X

Packing: 1 pc

#### Strike Patch GHR 300



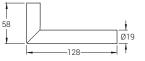
- > Area of application: For double doors made of tempered safety glass
- > For glass thickness: 8 mm
- > Version: 2-piece, with stop, protrudes the glass edge
- > Mounting: For DIN left and DIN right hande use

Material/finish	Cat. No.	
Stainless steel matt (304)	981.49.440	X

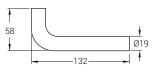












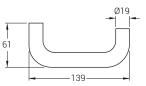
> Lever Handles for Spring Bolt Locks

Material/finish	Cat.no.	
Stainless Steel Matt	902.30.222	(
Packaging: 1 pc		

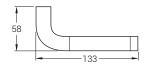
> Lever Handles for Spring Bolt Locks

Material/finish	Cat.no.	
Stainless Steel Matt	902.30.232	X
Packaging: 1 pc		









> Lever Handles for Spring Bolt Locks

Material/finish	Cat.no.	
Stainless Steel Matt	902.30.242	X
Packaging: 1 pc		

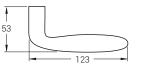
#### > Lever Handles for Spring Bolt Locks

Material/finish	Cat.no.
Stainless Steel Matt	902.30.292 🛪
Packaging: 1 pc	

59

Packaging: 1 pc





> Lever Handles for Spring Bolt Locks

Material/finish	Cat.no.	
Stainless Steel Matt	902.30.370	X
Packaging: 1 pc		

> Lever Handles for Spring Bolt Locks

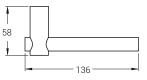
Material/finish	Cat.no.
Stainless Steel Matt	902.30.372

Packaging: 1 pc

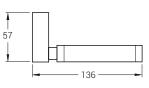
128

×







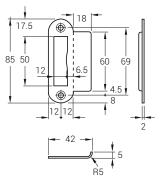


> Lever Handles for Spring Bolt Locks

Material/finish	Cat.no.	
Stainless Steel Matt	902.30.660	X

Packaging: 1 pc





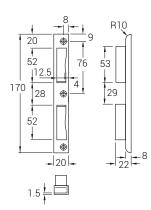
> Flanged striking plate

Material/finish	Cat.no.
Stainless Steel Matt	911.39.322 🛪
Packaging: 1 pc	

### > Lever Handles for Spring Bolt Locks

Material/finish	Cat.no.		
Stainless Steel Matt	902.30.671	X	
Packaging: 1 pc			



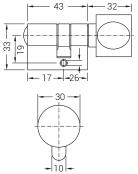


> Recessed Striking Plate

Material/finish	Cat.no.	
Stainless Steel Matt	911.39.013	X
Deelreging: 1 pe		

Packaging: 1 pc





> WC Thumbturn Cylinder

Material/finish	Thumbturn on the	Cat.no.	
Nickle Plated Matt	Other side of the lock	981.49.301	×

Packaging: 1 pc

Stock Item 🛪 Freight Item

X

#### **Required spindle length**

Version	Glass thicknesses mm		
	8	10	10
GHR 300	100	100	115

> Spindle, Split

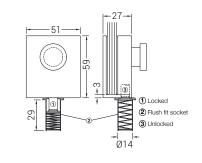
Material/finish	Length mm	Cat.no.	
Steel Galvanized	100	909.46.028	X
	105	909.46.030	X
	110	909.46.031	X

Packaging: 1 pc

154 GLASS DOOR LOCK





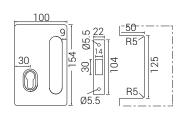


> Slide-on door bolt

Material/finish	Cat.no.	
Stainless Steel Matt	981.49.910	X

Packaging: 1 pc





> Sliding Glass Door Lock

> For glass thickness 10 mm

Material/finish	Cat.no.	
Stainless Steel	981.52.838	X

Packaging: 1 pc



> Glass Door Indicator Lock> For glass thickness 8-15 mm

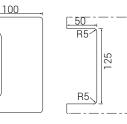
Material/finish	Cat.no.	
Stainless Steel Matt	981.12.040	×
Stainless Steel Polished	981.12.041	×

||9

154

Packaging: 1 pc





> Sliding Glass Door Lock

> For glass thickness 10 mm

Material/finish	Cat.no.	
Stainless Steel	981.52.200	X

Packaging: 1 pc

🕋 Stock Item 🛛 💥 Freight Item

## FLUSH PULL HANDLE FOR GLASS DOOR

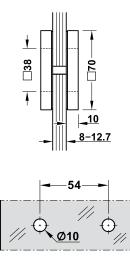


> With two-sided installation

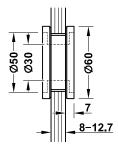
> Material: Stainless steel

> Drill hole Ø : 10mm> Installation: Clamp fixing

> Area of application: For glass door







- > With two-sided installation
- > Area of application: For glass door
- > Material: Stainless steel
- > Drill hole Ø : 48mm
- > Installation: Clamp fixing

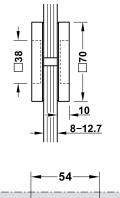
Finish /colour	Cat.no.	
Satin	981.52.570	X
Polished	981.52.571	X
Graphite black, PVD coated	981.52.573	X

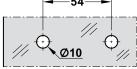
Finish /colour	Cat.no.	
Satin	981.52.520	X
Polished	981.52.521	X
Graphite black, PVD coated	981.52.523	×

Packaging: 1 pc

Packaging: 1 pc





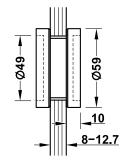


- > With two-sided installation
- > Area of application: For glass door
- > Material: Stainless steel
- > Drill hole Ø : 10mm
- > Installation: Clamp fixing

Finish /colour	Cat.no.	
Satin	981.52.580	X
Polished	981.52.581	X
Graphite black, PVD coated	981.52.583	X
Packaging: 1 pc		

Packaging: 1 pc

🕋 Stock Item 🛛 💥 Freight Item

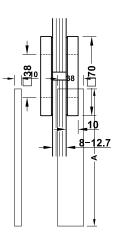


- > With two-sided installation
- > Area of application: For glass door
- > Material: Stainless steel
- > Drill hole Ø : 48mm
- > Installation: Clamp fixing
- Finish /colourCat.no.Satin981.52.530XPolished981.52.531XGraphite black, PVD coated981.52.533X



## FLUSH PULL HANDLE FOR GLASS DOOR



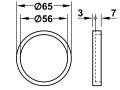


- > With two-sided installation
- > Area of application: For glass door
- > Material: Aluminium
- > Installation: For sticking on, double-sided adhesive tape is pre-fixed

				<b>.</b> .
Dim.A mm	Width mm	Thickness mm	Finish /colour	Cat.no.
200	38	10	Silver coloured anodized	905.01.141 🛪
			Stainless steel coloured anodized	905.01.140
			Black anodized	905.01.144 🛪
400	38	10	Silver coloured anodized	905.01.151
			Stainless steel coloured anodized	905.01.150
			Black anodized	905.01.154 🛪

Packaging: 1 pair





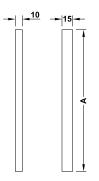
- > With two-sided installation
- > Area of application: For glass door
- > Material: Aluminium
- > Installation: For sticking on, double-sided adhesive tape is pre-fixed

Thickness mm	Diameter mm	Finish /colour	Cat.no.
10	65	Silver coloured anodized	904.00.011 🛪
		Stainless steel coloured anodized	904.00.010
		Black anodized	904.00.123

Packaging: 1 pc

> Versions with satin frosted glass (e.g. laser engraved, etched, sandblasted) in combination with sealed surfaces may reduce the adhesion strength. In this case we recommend our glass gluing technique.

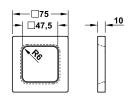




- > With two-sided installation
- > Area of application: For glass door (only suitable for clear glass, not suitable for frosted glass)
- > Material: Aluminium
- > Installation: For sticking on, double-sided adhesive tape is pre-fixed

Dim.A mm	Width mm	Thickness mm	Finish /colour	Cat.no.	
200	10	15	Silver coloured anodized	905.01.161	×
			Stainless steel coloured anodized	905.01.160	×
			Black anodized	905.01.164	×
400	10	15	Silver coloured anodized	905.01.171	X
			Stainless steel coloured anodized	905.01.170	×
		Black anodized	905.01.174	×	

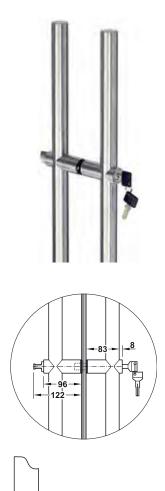


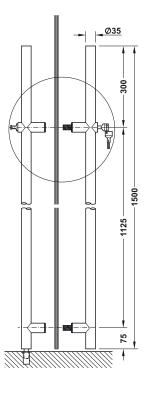


- > With two-sided installation
- > Area of application: For glass door
- > Material: Aluminium
- > Installation: For sticking on, double-sided adhesive tape is pre-fixed

Dim.A mm	Width mm	Thickness mm	Finish /colour	Cat.no.
75	75	10	Silver coloured anodized	904.00.021 🛪
			Stainless steel coloured anodized	904.00.020
			Black anodized	904.00.023 🛪

## **GLASS DOOR ACCESSORIES**





150

-1125

1

75

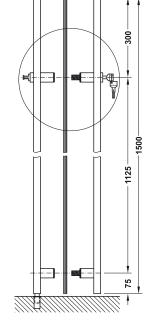
4

19

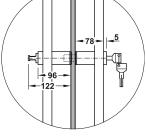
<u>13</u>

Œ





25x38



10

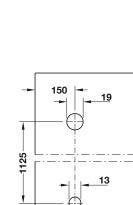
1

2

J

Ø12

> Finish: Matt







((0

> Finish: Matt

20

Ø12

- > Tube dimension Ø: 35 mm
- > For glass thickness: 8–12 mm

Version	Cat.no.	
Lockable from inside (with thumbturn)	903.03.674	X

Packaging: 1 pair



75

1

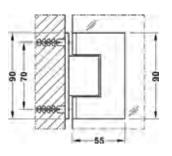
Version	Cat.no.	
Lockable from inside (with thumbturn)	903.03.684	X
Packaging: 1 pair		

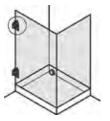




#### MSH 201 Shower Hinge W-G 90°







#### > Material

- > For glass thickness
- : 8-12 mm > Max. door weight : 45 kg with 2 hinges
- > Asbestos Gasket
- > Suitable for DIN left hand and DIN right hand
- > Auto-close at 25°

Function	Finish/colour	Cat.no.	
Wall to Glass	SP	981.76.200	Ì

: Stainless Steel SUS 304

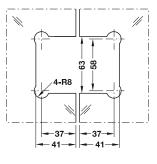
Packaging: 1 pc

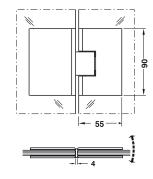
#### Supplied with

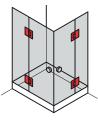
1 Wall to glass hinge 90°

#### MSH 204 Shower Hinge G-G 180°









- : Stainless Steel SUS 304
- > Material > For glass thickness
- > Max. door weight
- > Asbestos Gasket
- > Suitable for DIN left hand and DIN right hand

: 8-12 mm

> Auto-close at 25°

Function	Finish/colour	Cat.no.	
Glass to Glass	SP	981.76.203	

: 45 kg with 2 hinges

Packaging: 1 pc

#### Supplied with

1 Glass to glass hinge 180°

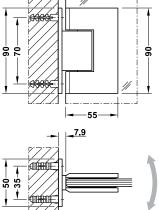
🛪 Freight Item Stock Item

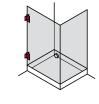


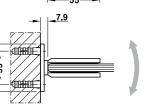
#### Shower Door Hinge, Straight











> Area of application	: For wall-glass connection
> For glass thickness	: 8–12 mm
> Material	: Brass
> Version	: With interlocking function on both sides in open position
> Mounting	: For DIN left and DIN right hand use
> Load bearing capacity	: Max. 45 kg
	(when using 2 shower door hinges)
> Door height	: <2,400 mm
> Door width	: <800 mm
> Opening angle	: 90°, on both sides
> Locking function	: From an opening angle of approx. 85°
> Installation	: For screw fixing, glass cut-out required

Finish/colour	Cat.no.	
Polished Chrome Plated	981.51.004	×
Graphite Black	981.51.003	×

#### Packaging: 1 pc

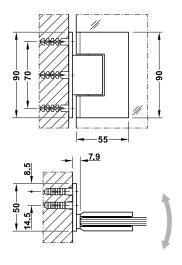
#### Order reference

Glass door seal not supplied. Please order separately.

#### Shower Door Hinge, Straight









- : For wall-glass connection > Area of application
- > For glass thickness
- > Material
- > Version
- > Mounting
- > Load bearing capacity : Max. 45 kg
- > Door height
- > Door width
- > Opening angle
- > Locking function
- > Installation
- Finish/colour Cat.no. Polished Chrome Plated 981.02.081 X Graphite Black 981.02.083 X

: 90°, on both sides

: 8–12 mm

open position

: <2,400 mm

: <800 mm

: With interlocking function on both sides in

: For DIN left and DIN right hand use

(when using 2 shower door hinges)

: From an opening angle of approx. 85°

: For screw fixing, glass cut-out required

: Brass

#### Packaging: 1 pc Order reference

Glass door seal not supplied. Please order separately.

Stock Item 🗙 Freight Item

#### Glass Clamp, with Bracket

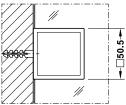


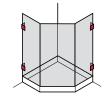


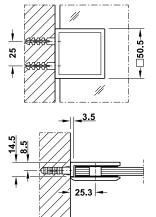
Glass Clamp, Straight

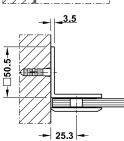












- > Area of application
- > For glass thickness
- > Material
- > Materia > Angle
- > Mounting
- > Installation
- : 90°, : For left and right hand use

: Brass

: 8–12 mm

: For screw fixing, glass cut-out required

: For wall-glass connection

- > Area of application
  - \_ . . . .
  - > For glass thickness> Material

> Mounting

> Installation

- > Angle
- : Brass : 90°

: 8–12 mm

: For left and right hand use

: For wall-glass connection,

concealed wall mounting

: For screw fixing,glass cut-out required

Finish/colour	Cat.no.	
Polished Chrome Plated	981.02.254	X
Graphite Black	981.02.253	×
Packaging: 1 pc		

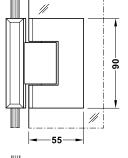
Finish/colour	Cat.no.	
Polished Chrome Plated	981.02.244	٢
Graphite Black	981.02.243	٢
Packaging: 1 pc		

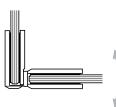


#### Shower Door Hinge, 90°









> Area of application	: For glass-glass conr for 90° glass front
> For glass thickness	: 8–12 mm
> Material	: Brass
> Version	: With interlocking fur
	in open position
> Mounting	: For DIN left and DIN
> Load bearing capacity	: Max. 45 kg
	(when using 2 show
> Door height	: <2,400 mm
> Door width	: <800 mm
> Opening angle	: 90°, on both sides
> Locking function	: From an opening an

- > L> Installation
- nnection,
  - nction on both sides N right hand use
- ver door hinges)
- ngle of approx. 85°
- : For screw fixing, glass cut-out required

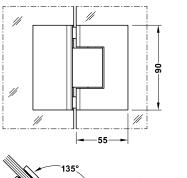
Finish/colour	Cat.no.	
Polished Chrome Plated	981.51.014	X
Graphite Black	981.51.013	X

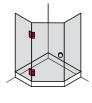
Packaging: 1 pc

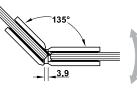
Shower Door Hinge, 135°











- > Area of application
- : For glass-glass connection, for 135° glass front

in open position

- : 8–12 mm
- > For glass thickness : Brass
- > Material > Version : With interlocking function on both sides
- > Mounting
- > Load bearing capacity : Max. 45 kg
- > Door height
- > Door width
- > Opening angle
- > Locking function > Installation
- (when using 2 shower door hinges)
- : <2,400 mm
- : <800 mm
- : 90°, on both sides
- : From an opening angle of approx. 85°
- : For screw fixing, glass cut-out required

: For DIN left and DIN right hand use

- Finish/colour Cat.no. Polished Chrome Plated 981.51.021 X Graphite Black 981.51.023 ×



#### Shower Door Hinge, 180°

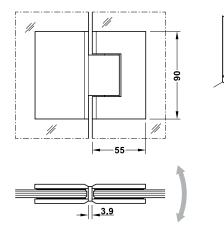






Glass Clamp, 90°

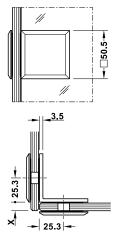




Finish/colour	Cat no
	. For screw lixing, glass cut-out required
> Installation	: For screw fixing, glass cut-out required
> Locking function	: From an opening angle of approx. 85°
> Opening angle	: 90°, on both sides
> Door width	: <800 mm
> Door height	: <2,400 mm
	(when using 2 shower door hinges)
> Load bearing capacity	0
> Mounting	: For DIN left and DIN right hand use
	in open position
> Version	: With interlocking function on both sides
> Materia	: Brass
> For glass thickness	: 8–12 mm
> Area of application	: For glass-glass connection, for 180° glass front
Area of application	. For along along compaction

Finish/colour	Cat.no.	
Polished Chrome Plated	981.51.031	X
Graphite Black	981.51.033	X
Graphite Black	981.51.033	1

Packaging: 1 pc



With glass thickness 8–12 mm: Dim. X = 1 mm

> Area of application

- > For glass thickness
- > Material

> Mounting

> Installation:

- > Angle
- : 90°

: 8–12 mm

: Brass

: For left and right hand use

: For glass-glass connection, for 90° glass front

- For screw fixing, glass cut-out required
- Finish/colourCat.no.Polished Chrome Plated981.02.264XGraphite Black981.02.263X



#### Glass Clamp, 135°

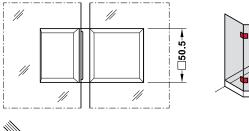


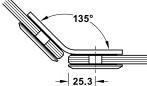




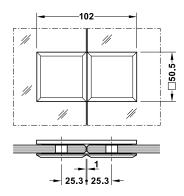


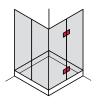












> Area of application

- > For glass thickness
- > Material > Angle
- > Mounting
- > Installation

Packaging: 1 pc

: 135°

: Brass

: 8–12 mm

: For left and right hand use

: For glass-glass connection,

for 135° glass front

- : For screw fixing, glass cut-out required
- > Area of application
- > For glass thickness > Material
- > Angle
- > Mounting > Installation
- : 180°

: For glass-glass connection,

for 180° glass front

: 8–12 mm

: Brass

- : For left and right hand use
- : For screw fixing, glass cut-out required

Finish/colour	Cat.no.	
Polished Chrome Plated	981.02.091	×
PVD Coated, Graphite Black	981.02.093	×

Finish/colour	Cat.no.	
Polished Chrome Plated	981.02.274	X
PVD Coated, Graphite Black	981.02.273	X

## **BATHROOM FITTINGS** SHOWER DOOR FITTINGS

#### SLIDING GLASS DOOR FITTING FOR SHOWER DOORS

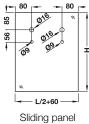
#### Features

- For 1-leaf sliding doors
- For glass thicknesses: 8 10 mm

#### **Technical data**

- Max. door weight per leaf: 45 kg
- Max. door opening width: 1,000 mm

#### Installation



**Glass** calculation

L = Complete length

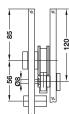
L/2 + 60 mm = Sliding panel

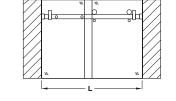


# Fixed panel

L/2 = Fixed panel

H = Glass height







#### Installation top





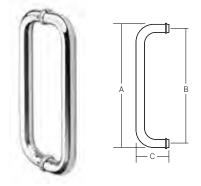
Individual components		Material/finish	For 1 door	Cat.no.	
0	Roller hanger	Stainless Steel Matt (304)	2 pcs	981.52.900	×
<b>O</b>	Rail holder to glass			981.52.901	×
	Anti jump support			981.52.902	×
	Wall end holder			981.52.903	×
1	Stop			981.52.904	×
۲	Floor guide		1 pc	981.52.311	×
	Rail, square, 10 x 30 x 2,000 mm			981.52.906	≯

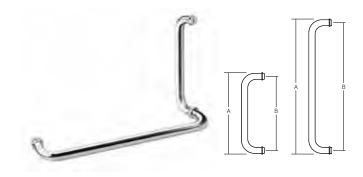
Note:

Catalogue number refer to 1 piece. Please indicate the quantities when order.

Stock Item 🛪 Freight Item







> Diameter: Ø 25mm

#### MPH 113

Material	Finish/ colour	A	В	С	Cat.no.	
Stainless Steel SUS 304	S/Steel Polished	300	275	70	903.08.990	<b>^</b>

Packaging: 1 set



- > Drilling: Ø 14mm > For glass thickness 6 15 mm > Screw M8

## PULL HANDLE SET

Material	Finish/colour	A	Cat.no.	
		450	903.03.911	X
SUS 304	Polished	550	903.03.915	×

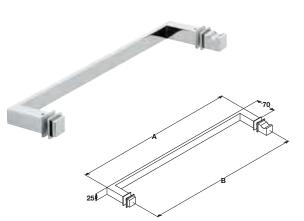
Packaging: 1 set

> Drilling: Ø 12m	nm				
MPH 113					
Material	Finish/	А	в	С	Cat.n

Material	Finish/ colour	Α	В	С	Cat.no.	
Stainless Steel SUS 304	S/Steel Polished	300/ 450	275/ 425	70	903.08.751	<b>^</b>

Packaging: 1 set

**R**04

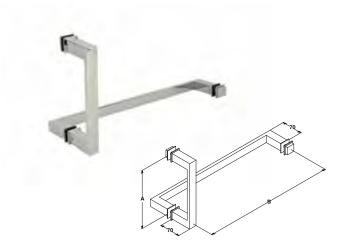


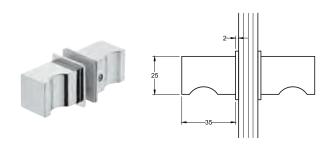
> Drilling hole: Ø 12mm
PULL HANDLE SET

Material	Finish/ colour	А	В	Cat.no.	
Stainless Steel	Polished	475	450	981.77.000	×
	Graphite	475	450	981.77.008	X
	Polished	525	500	981.77.001	×
	Graphite	525	500	981.77.009	×
	Polished	575	500	981.77.002	X
	Graphite	575	500	981.77.010	X

Packaging: 1 set

Stock Item





> Drilling Hole: Ø12 mm

#### PULL HANDLE SET

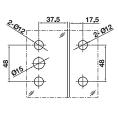
Material	Finish/ colour	Α	В	Cat.no.	
Stainless Steel	Polished	200	450	981.77.003	X
	Graphite	200	450	981.77.011	×
	Polished	300	500	981.77.004	X
	Graphite	300	500	981.77.012	×
	Polished	450	550	981.77.005	X
	Graphite	450	550	981.77.013	×

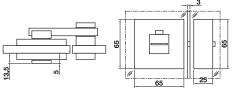
#### > Drilling hole: Ø12 mm

#### BACK TO BACK KNOB SET

Material	Finish/colour	Cat.no.
Stainless Steel	Polished	981.77.006
	Graphite Black	981.77.014

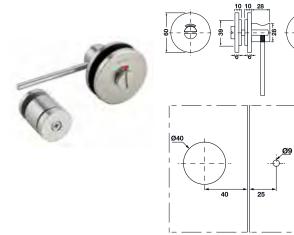






#### GLASS DOOR LOCK

Material/finish	Cat.no.
Brass Chrome Plated Polished	981.52.816



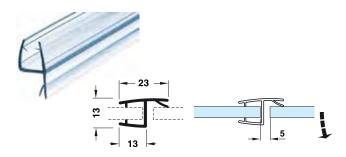
## WOODEN AND GLASS DOOR INDICATOR LOCK

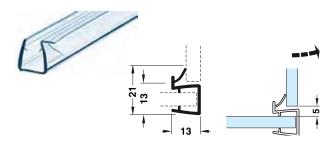
Door Type	Thickness mm	Material	Cat.no.	
Glass	8-15	Stainless Steel Matt	981.12.040	X
		Stainless Steel Polished	981.12.041	X

We reserve the right to alter specifications without notice.









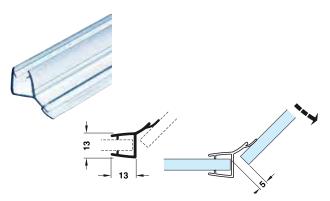
#### GLASS DOOR SEAL 180°

For glass thickness mm	Length mm	Colour	Cat.no.	
8-10	2,170	Clear	950.06.590	×

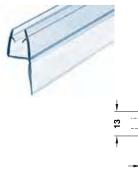
#### GLASS DOOR SEAL 90°

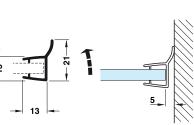
For glass thickness mm	Length mm	Colour	Cat.no.	
8-10	2,170	Clear	950.06.620	

Packaging: 1 pc



Packaging: 1 pc





#### GLASS DOOR SEAL 135°

For glass thickness mm	Length mm	Colour	Cat.no.
8-10	2,170	Clear	950.06.710

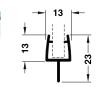
Packaging: 1 pc

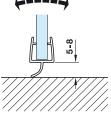
#### GLASS DOOR SEAL

For glass thickness mm	Length mm	Colour	Cat.no.	
8-10	2,170	Clear	950.06.650	•

Packaging: 1 pc

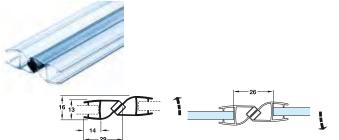








For glass thickness mm	Length mm	Colour	Cat.no.	
8-10	2,170	Clear	950.06.680	×



## MAGNET GLASS DOOR SEAL 180°

For glass thickness mm	Length mm	Colour	Cat.no.	
8-10	2,000	Clear	950.06.500	×
Packaging: 1 pc			^	

Stock Item

----

1

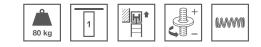
## SLIDING & FOLDING FITTINGS



MADE IN

## HÄFELE SLIDO D-LINE43 80-M SLIDING DOOR FITTING

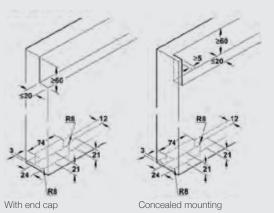




- > Area of application: For private residential areas, for 1-leaf sliding doors, for hard floors (laminate, PVC, tiles) and soft floors (carpet, cork – only for use in combination with bottom track)
- > Version: Invisible running equipment integrated in door
- > Door weight: ≤80 kg
- > Door width: 800–1,800 mm
- > Adjustment facility: Distance door to wall +4 mm (adjustment on both sides, for compensating uneven walls), height ±2 mm
- > Installation: Wall mounting, floor must be even and level



Cut-out dimension



Note

Please note the lateral door overlap with concealed installation according to drawing.

#### Installation reference

- > Make sure that floor is even and level
- > Bottom track is required for soft floors
- > Prepare wall structure for top roller

#### Wall mounting



Floor guide on hard floors

#### Note

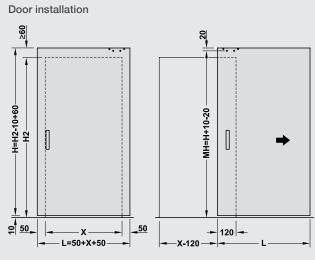
A slight trace of wear may appear on the floor, depending on material. Tile gaps are noticeable when moving the door.

28

Floor guide on soft floors with

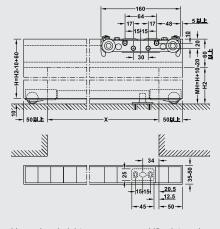
running track provided on site

## HÄFELE SLIDO D-LINE43 80-M SLIDING DOOR FITTING



Other mounting options can be found in the installation instructions.

#### Section running gear and floor guide



H = door height MH = installation height

#### Set with running track for 1 door

Model	Version	Supplied with	Length mm	Cat.no.	
80-M	With soft closing mechanism both sides	1 running track	1100	940.59.008	俞
		1 running gear	1800	940.59.009	俞
		2 soft and self closing mechanisms			
		1 guide track			
		1 floor guide			
		1 set of guide rollers			
		1 set of end caps (1 pair black, 1 pair silver coloured)			
		2 spacers			
		1 floor mounted stop (for optional use)			
		2 hex keys			
		1 open-ended spanner			

#### Tracks

Model	Material	Finish/colour	Length mm	Cat.no.	
Bottom track, for soft	Aluminium	Silver coloured	2200	940.59.802	X
floors, 30 x 4 mm (W x H)		anodized	3600	940.59.803	X
		Black anodized	2200	940.59.812	X
			3600	940.59.813	X

We reserve the right to alter specifications without notice.

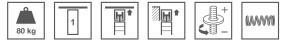
H2 = internal opening height X = internal opening width



## HÄFELE SLIDO D-LINE 80-R SLIDING DOOR FITTING

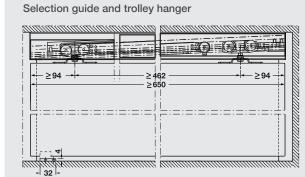
## 



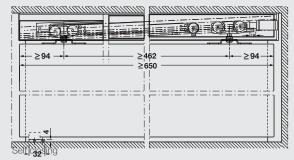


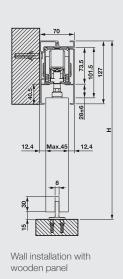
- > Area of application: For 1-leaf sliding doors
- > Version: Suspension with screwed on support flange
- > Door weight: ≤80 kg
- > Door width: 650 1200 mm
- > Door thickness: ≤45 mm
- > Adjustment facility: Door height adjustable
- > Installation: Wall mounting and ceiling installation
  - Scan me for installation quide
- Innovative mechanical system for doors with automatic closure without the use of electrical equipment.
   Integrate the innovative Fluid technology: the opening and closing movement is even lighter and more smooth, without the need of any kind of effort.





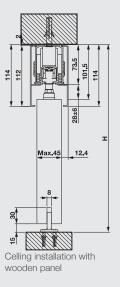
Hold open





Wall mounting

H = Total height



Ceiling installation

## HÄFELE SLIDO D-LINE 80-R SLIDING DOOR FITTING

#### Set without running track for 1 door

Model	Version	Supplied with	Cat.no.
80-R	One side with soft closing mechanism	1 running gear	940.82.270
		1 running gear with soft and self-closing mechanism on one side	
		1 floor guide	
		1 track buffer with retainer spring	
		1 track stopper	
		1 release device with stopper	
		4 end cap	

Order reference

Please order track and accessories separately. Order 2 sets for 2-leaf sliding doors.

#### Tracks and accessories

Model		Material	Finish/colour	Length mm	Cat.no.	
Running track set, inside mounting		Aluminium	2	2000	940.82.277 •	
				2400	940.82.278	<b>a</b>
Track ceiling mounting				2000	940.82.279 •	俞
				2400	940.82.280	俞
Track wall mounting	<b>F</b>	2		2000	940.82.281	≯
				2400	940.82.282	$\varkappa$
Clip cover plate for running track				2000	940.82.283	×
	크	– – – – – – – – – – – – – – – – – – –		2400	940.82.284	$\varkappa$



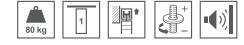


## HÄFELE SLIDO D-LINE804

80-S SLIDING DOOR FITTING (SOUNDPROOFING AND THERMALLY SEPARATED)

## MADE IN



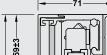


- > Area of application: For 1-leaf sliding doors, for soundproofing and thermally separated door systems
- > Door weight: ≤80 kg
- > Door width: ≤825, 950, 1,075 or 1,200 mm
- > Door thickness: 39-43 mm
- > Adjustment facility: Door height adjustable ±3 mm
- > Sound proofing value:  $R_W$  (C;  $C_{tr}$ ) = 33 (0;-2) dB, weighted sound reduction index R<sub>W</sub>, spectrum adaptation terms C and C<sub>tr</sub>
- > Installation: For wall mounting, fitting width can be cut to size by max. 125 mm

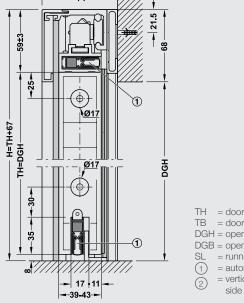


- > The sliding door system has an increased soundproofing level and is suitable for installation in areas where only hinged doors used to be possible due to soundproofing requirements.
- > The sound insulating value may be increased by using doors with solid chipboard core or soundproofing core.

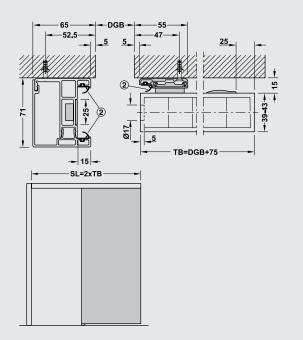




Wall mounting



TH	= door height
ΤB	= door width
DGH	= opening height
DGB	= opening width
SL	= running track length
(1)	= automatic door seal
õ	= vertical seal on hinge
C	side and lock side
	TB DGH DGB



## HÄFELE SLIDO D-LINE804 80-S SLIDING DOOR FITTING



#### Set with running track, for 1 door

Version	Supplied with	Max end-to-end length or max. wall opening (opening height x opening width)	Door dim. (H x W)	Cat.no.
D-LINE804	1 running track with front panel and end cap set	2125 x 750 mm	2125 x 825 mm	941.31.000 🛪
80-S	2 running gears	2125 x 875 mm	2125 x 950 mm	941.31.001 🛪
	1 pair of stoppers	2125 x 1000 mm	2125 x 1075 mm	941.31.002 🛪
	1 door support profile	2125 x 1125 mm	2125 x 1200 mm	941.31.003 🛪
	2 automatic door seals (1 top/1 bottom)			
	2 drill-in magnets			
	1 door stop profile with panel, seal and end cap			
	1 counterplate			
	1 vertical rubber seal			
	1 wall sealing profile with panel			
	1 floor guide			
	1 contact threshold			

#### Note

Suitable for use in combination with mortice lock with hook latch and striking plate (provided on site). This requires processing the door stop profile in accordance with the installation instructions.

Fitting width can be shortened by max. 125 mm.





## HÄFELE SLIDO D-LINE42 100-S SLIDING DOOR FITTING



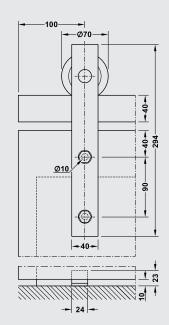




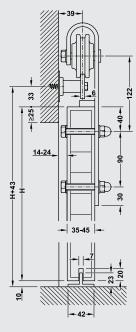
- > Area of application: For 1-leaf sliding doors
- > Version: With anti-derailment device
- > Door weight:  $\leq$ 100 kg
- > Door width: With running track 2,000 mm: 750–1,000 mm, With running track 2,500 mm: 1,001–1,250 mm
- > For internal opening width: Depending on the running track
- > Door thickness: 35–45 mm
- > Adjustment facility: Not height adjustable
- > Installation: For wall mounting



#### Wall mounting



Track flush with door



H = door height

## HÄFELE SLIDO D-LINE42 100-S SLIDING DOOR FITTING



#### Set with running track for 1 door

Model	Version	Supplied with	Door width mm	Length mm	Cat.no.
100-S	100-S Without soft closing mechanism	2 running gears	1001 - 1250	2500	941.32.004 🏦
		1 running track			
		2 stoppers (left and right)			
		1 wall mounting set			
		2 anti-derailment devices			
		1 floor guide			
		1 hex key			
		1 drill bit Ø 8.5 mm			

#### Note

Running track cut be cut to size on site. The cutting edge must be finished (ground and colour-matched).

#### Note

Drilling distances for mounting the running track 2,500 mm on the wall: 125/450/450/450/450/450/125, pre-drilled (6 times)

#### Accessories

	Material	Finish/colour	Cat.no.
Soft closing mechanism	Plastic	Black	941.32.410 💼

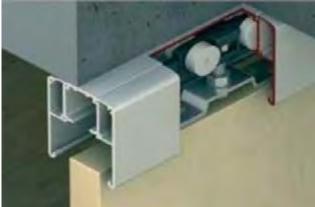




MADE IN

## HÄFELE SLIDO D-LINE11 50-P TO 120-P SLIDING DOOR FITTING





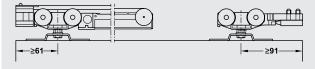


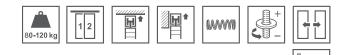
Soft close versions overview

Running gear with axle bearing Without soft and self closing mechanism



With soft and self closing mechanism on one side





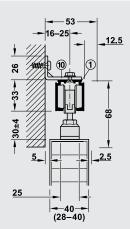
- > Area of application: For 1-leaf and 2-leaf sliding doors
- > Door weight: ≤50/120 kg
- > Adjustment facility: Door height adjustable
- Installation: Suspension with screwed on support flange, wall mounting and ceiling installation

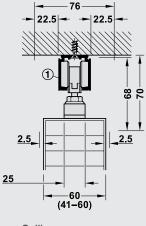
#### Soft and self closing mechanism:

- > Low opening force easy and convenient operation
- > Tested with increased speed up to 0.5 m/s
- > Can be retrofitted or replaced at any time

#### Shock absorber:

> Closing speed with shock absorber tested up to 0.4 m/s





Wall mounting with mounting bracket



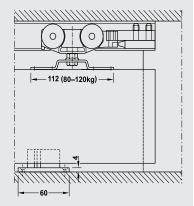
Clear threshold floor guide 30 without guide track

#### Note

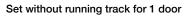
End cap for ceiling installation with fascia on both sides not available.

One pair of end caps can be glue fixed vertically in the centre of the running track (optional).





## HÄFELE SLIDO D-LINE11 50-P TO 120-P SLIDING DOOR FITTING



Version		Supplied with	Door width mm	50-P ≤50kg per door	80-P ≤80kg per door	120-P ≤120kg per door		
Running gear with axle be	Running gear with axle bearing							
	Track buffer with retaining spring	2 running gears 1 clear threshold floor guide	≥500	940.42.064 🏦	940.83.005 🍙	941.02.036 🕋		
		2 track buffers with retaining spring						
With soft and self closing mechanism on one side	Track buffer with retaining spring	2 running gears (1 with soft and self closing mechanism)	≥499 (50-80 kg) ≥561 (120 kg)	940.42.065 🏠	940.83.006 🏦	941.02.037 🕋		
		1 clear threshold floor guide						
		1 track buffer with retaining spring						
		1 release device with stopper for soft and self closing mechanism						

#### Order reference

Please order track, panels and accessories separately. Order 2 sets for 2-leaf sliding doors.

#### Accessories for retrofitting

		Load bearing capacity kg	Cat.no.	
Soft and self closing mechanism, with release device with stopper, for clamping onto running gear	and a second sec	50	940.42.304	
	8	80	940.83.300	
		120	941.02.300	

#### Mounting bracket and accessories

		Area of application	Material	Finish/ colour	Wall distance track centre mm	Length L mm	Cat.no.	
Mounting bracket, height 26 mm (install every 400 mm)	56	For running track ①	Steel	Galvanized	16-25	36	940.42.061	

#### Tracks

Model			Area of application	Material	Finish/colour	Length mm	Cat.no.	
Wall mounting and ceil	Wall mounting and ceiling installation							
	1	~	For door weight 80–120 kg	Aluminium	Silver coloured anodized	2000	940.60.420 1	<b>a</b>
						2500	940.60.425 1	<b>a</b>
				3000	940.60.430 1	<b>a</b>		
				4000	940.60.440 1			
						6000	940.60.460 1	





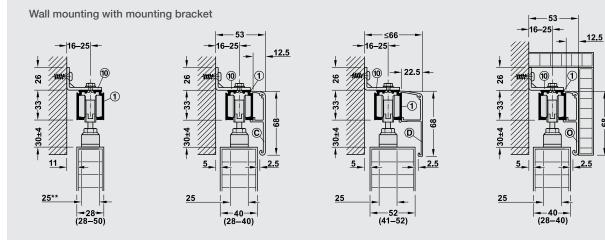
68

### HÄFELE SLIDO D-LINE11 50-P TO 120-P SLIDING DOOR FITTING

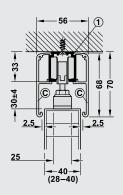


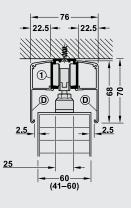
#### Fixing options for Häfele SLIDO D-LINE11 80-P to 120-P sliding door fitting

Various fixing methods are available using this fitting. Here a selection of the most common applications as follows.

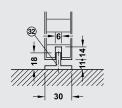


Ceiling installation

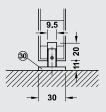




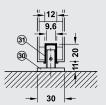
Floor guides



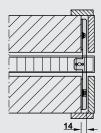
Standard floor guide



Clear threshold floor guide, without guide track



Clear threshold floor guide, with guide track



Clear threshold floor guide for wall pocket installation



#### Tracks and accessories

			Area of application	Material	Finish/ colour	Length mm	Width B mm	Cat.no.	
Clip panel, height 68 mm	©		For running track (1)	Aluminium	Silver	2000	-	940.43.120	X
(For door thickness 28 - 40 mm)		1			coloured anodized	3000		940.43.130	X
						6000		940.43.160	X
Clip panel for thick doors,	D		For running track $(1)$	Aluminium	Silver coloured anodized	2000	-	940.43.220	X
height 68 mm, width 22.5 mm (For door thickness 41 - 60mm)		X				3000		940.43.230	X
						6000		940.43.260	X
Fixing clip, for wooden panel	0	↓ · ·	For running track $(1)$	Aluminium	Bright	100	_	940.43.025	×
End cap set	_	B	For running track (1)	Plastic	Silver coloured	-	31	940.43.066	≯
End cap set for panel ⓒ	_	B	For running track ①	Plastic	Silver coloured	-	44	940.43.031	X
End cap set for panel D	-	B	For running track (1)	Plastic	Silver coloured		54	940.43.030	×

#### Guides

			Area of application	Material	Finish/ colour	Length L mm	Cat.no.	
Standard floor guide	32		1-leaf sliding doors	Plastic	Grey	-	940.42.031	
Clear threshold floor guide	30		For wooden doors with or without guide track ③	Plastic	Black	-	940.42.030	×
Guide track, bottom,	31	For clear threshold	Plastic	Black	1000	940.42.050	X	
for press fitting			floor guide 30			1500	940.42.051	X
						2000	940.42.052	X
Clear threshold floor guide, for wall pocket installation	-		For installation on one or both sides to front side of sliding door wall pocket for gap width 8-8.5 mm	Stainless steel	-	245, can be cut to size	940.42.035	≭

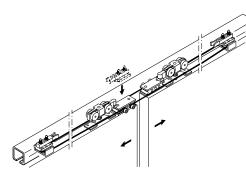




MADE IN

### HÄFELE SLIDO D-LINE11 SYNCHRO ADDITIONAL SET 50-P TO 120-P





> Area of application: For 2-leaf sliding doors

> Functionality: For symmetrical opening of 2 door leaves

> Door width:  $\geq$ 600 and  $\leq$ 1500 mm

Version	Supplied with	Cat.no.	
For 2-leaf sliding doors	2 track buffers with deflection roller	940.44.002	<b>a</b>
	1 cable without plastic sheathing, length 10 m		
	2 cable fixing blocks		

Note

The additional set can only be used in conjuction with basic equipment consisting of two sets for 1-leaf sliding doors (50P, 80P or 120P) and running track. Not suitable for versions with soft and self closing mechanism.

#### Cable for Slido D-Line Synchro



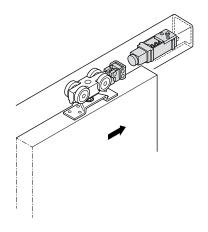
VersionLength meterCat.no.Without plastic sheathing10940.44.07410

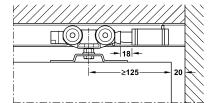
Order reference

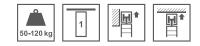
Please order additional cable for door widths >1,250 mm.



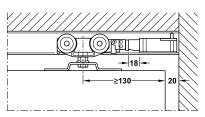
### HÄFELE SLIDO D-LINE11 TRACK STOPPER ADDITIONAL SET FOR 50-P TO 120-P







Track stopper



Track stopper with magnetic pull

#### > Functionality:

The track stopper replaces the sprung handle with sliding doors that run in walls. The door bounces back out of the cavity after pushing it slightly so that the flush pull handle can be reached. When using the track stopper version with magnetic pull, then the door is additionally held in open position.

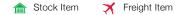
#### > Installation:

The track stopper is pushed into the running track from the front edge and fixed using fixing screw. A wall distance of min. 20 mm must be provided in order to ensure the functionality of the soft closing mechanism.

#### Note

Not suitable for use in conjuction with soft and self closing mechanism.

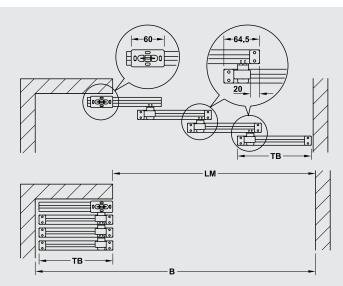
		Door weight kg	Cat.no.
Track stopper		50	940.42.070 🛪
		80	940.42.071 🗙
	() Lake	120	940.42.072
Track stopper, with magnetic pull		50	940.42.310 🕋
	Re TIL	80	940.42.311
	(FIE	120	940.42.312 🕋



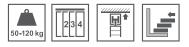


### HÄFELE SLIDO D-LINE11 STACKING ADDITIONAL SET FOR 50-P TO 120-P

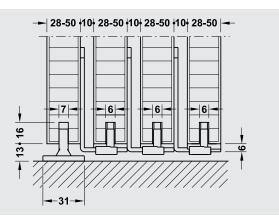




TB = door width, LM = internal width, B = total width2 doors: TB = (LM + 129 mm) / 2 3 doors: TB = (LM + 193.5 mm) / 3 4 doors (see drawing): TB = (LM + 258 mm) / 4



> Area of application: For stacking 2, 3 and 4 door leaf
 > Door width: 700 - 1500 mm



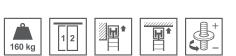
		For 2-leaf	For 3-leaf	For 4-leaf	Cat.no.
	2 Stoppers, 1 Bottom guide with angle	1 set	2 sets	3 sets	940.44.001
6-3	Floor guide, plastic	1 pc.	1 pc.	1 pc.	942.35.400 🍙





MADE IN EUROPE

### HÄFELE SLIDO D-LINE11 160-P SLIDING DOOR FITTING

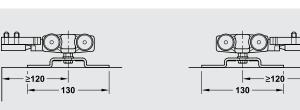


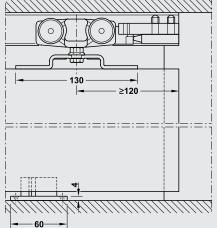
- > Area of application: For 1-leaf and 2-leaf sliding doors
- > Door weight: ≤160 kg per door
- > Adjustment facility: Door height adjustable
- > Installation: Wall mounting and ceiling installation, suspension with screwed-on support flange

#### Note

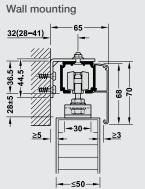
End cap for ceiling installation with fascia on both sides not available. One pair of end caps can be glue fixed vertically in the centre of the running track (optional).

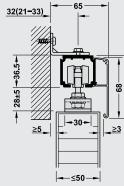




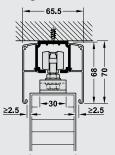


Section trolley hanger and guide

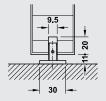




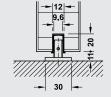
Ceiling installation



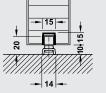
Guides



<u>-</u>\_≤50---

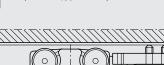


Clear threshold floor guide without guide track Clear threshold floor guide with guide track



Floor guide with U-shaped guide track and floor guide roller

Ś





### HÄFELE SLIDO D-LINE11 160-P SLIDING DOOR FITTING

MADE IN EUROPE

#### Set without running track for 1 door

Version		Supplied with	Cat.no.	
Without so	oft and self closing mechanism	2 running gears	941.62.009	
		1 clear threshold floor guide		
		2 track buffers with retaining spring		

Order reference Order 2 sets for 2-leaf sliding doors. Please order running and guide tracks separately.

		Material	Finish/colour	Length mm	Cat.no.	
Wall mounting and ceiling insta	llation					
Running track, pre-drilled,	° //	Aluminium	Silver coloured anodized	2000	941.62.721	1
40.5 x 36.5 mm (W x H)				3000	941.62.731	1
	9			6000	941.62.761	
Clip panel, height 68 mm				2000	940.43.120	7
	5			3000	940.43.130	7
				6000	940.43.160	7
End cap set for panel, height 68 mm	59	Plastic	Silver coloured	-	940.43.020	7
Wall mounting						
Mounting bracket, height 26 mm (install every 400 mm)	20 50 10 10 10 10 10 10	Steel C	Galvanized	36	940.42.061	1
Mounting bracket, height 44.5 mm (install every 400 mm)	0			51	941.62.416	7
Accessories						
Guide track, bottom,		Plastic	Black	1000	940.42.050	7
or press fitting				1500	940.42.051	7
				2000	940.42.052	7
Clear threshold floor guide				-	940.42.030	7
J-shaped guide track, 15 x 15 x 1.5 mm		Aluminium	Bright	6000	940.42.602	7
Floor guide roller, Ø 10 mm	0	Steel	Galvanized	-	940.42.032	Í

Stock Item 🛪 Freight Item

MADE IN EUROPE

### HÄFELE SLIDO D-LINE11 240-P SLIDING DOOR FITTING





- > Area of application: For 1-leaf and 2-leaf sliding
- doors > Door weight: ≤240 kg
- > Adjustment facility: Door height adjustable
- > Installation: Wall mounting and ceiling installation,
- suspension with screwed-on support flange

#### Note

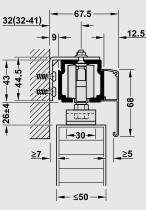
End cap for ceiling installation with fascia on both sides not available. One pair of end caps can be glue fixed vertically in the centre of the running track (optional).





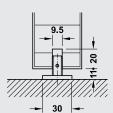
#### Ceiling installation



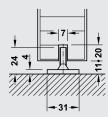


46 <u>\_</u> 126±4 +30--≥5, \_≥5

Guides



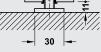
Clear threshold floor guide without guide track



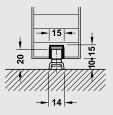
Floor guide without guide track

20

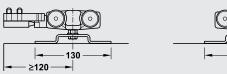
–≤50**—**► 

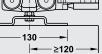


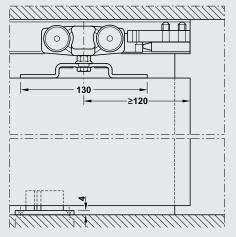
Clear threshold floor guide with guide track



Floor guide with U-shaped guide track and floor guide roller







Section trolley hanger and guide

### HÄFELE SLIDO D-LINE11 240-P SLIDING DOOR FITTING

MADE IN EUROPE

#### Set without running track for 1 door

Version	Supplied with	Cat.no.	
Without soft and self closing mechanism	2 running gears	942.35.004	X
	1 clear threshold floor guide		
	2 track buffers with retaining spring		

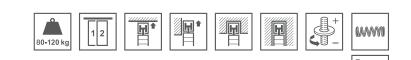
Order reference Order 2 sets for 2-leaf sliding doors.

#### Tracks and accessories

		Material	Finish/colour	Length mm	Cat.no.	
Wall mounting and ceiling insta	llation					
Running track, pre-drilled, 46 x 43 mm (W x H)		Aluminium	Silver coloured anodized	3000	941.62.603	X
				6000	941.62.606	X
Clip panel, height 68 mm				3000	940.43.130	X
				6000	940.43.160	X
End cap set for panel, height 68 mm	59	Plastic	Silver coloured	-	941.62.020	×
Wall mounting						
Mounting bracket, height 44.5 mm (install every 400 mm)	e e	Steel	Galvanized	51	941.62.416	×
Accessories						
Guide track, bottom, for press fitting		Plastic	Black	1000	940.42.050	X
Inturig				1500	940.42.051	X
		_		2000	940.42.052	X
Clear threshold floor guide				-	940.42.030	X
Floor guide, plastic				-	942.35.400	×
Floor guide roller, Ø 10 mm	000	Steel	Galvanized	-	940.42.032	٦
U-shaped guide track, 15 x 15 x 1.5 mm		Aluminium	Bright	6000	940.42.602	×

Stock Item 🛪 Freight Item HÄFELE SLIDO D-LINE11 189





MADE IN EUROPE

- > Suitable for: For wooden doors
- > Area of application: For 1-leaf and 2-leaf sliding doors
- > Door weight: ≤50/120 kg
- > Adjustment facility: Door height adjustable ±3 mm
- Installation: Wall mounting and ceiling installation, suspension with integrated support flange

#### Soft and self closing mechanism:

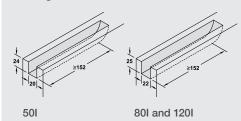
- > Low opening force easy and convenient operation
- > Tested with increased speed up to 0.5 m/s
- > Can be retrofitted or replaced at any time

#### Shock absorber:

> Closing speed with shock absorber tested up to 0.4 m/s

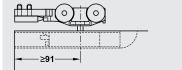


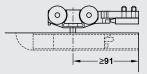
Routing dimension



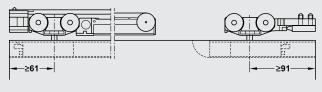
Soft closing versions overview

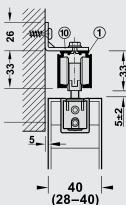
Running gear with axle bearing Without soft and self closing mechanism





With soft and self closing mechanism on one side

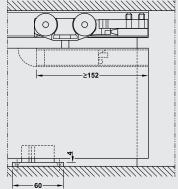




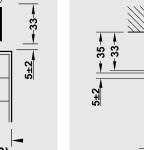
Wall mounting with mounting bracket

With running track (1)

### Selection guide and trolley hanger



Ceiling installation



#### MADE IN EUROPE

#### Set without running track for 1 door

Version		Supplied with	Door width mm	50-I ≤50kg per door		0-l 80kg per do	or	120-I ≤120kg per o	loor
Running gear with axl	e bearing								
	Track buffer with	2 running gears with support flange	≥500	940.44.004	94	40.83.053		941.25.044	
	retaining spring	2 support profiles with cover cap							
		1 clear threshold floor guide							
		2 track buffers with retaining spring							
With soft and self closing mechanism	Track buffer with retaining spring	2 running gears with support flange (1 with soft and self closing mechanism)	≥499 (50-80 kg)	940.44.005	94	40.83.054	<b>^</b>	941.25.045	
on one side		2 support profiles with cover cap	≥561 (120 kg)						
		1 clear threshold floor guide							
		1 track buffer with retaining spring							
		1 release device with stopper for soft and self closing mechanism							

#### Order reference

Please order track, panels and accessories separately. Order 2 sets for 2-leaf sliding doors. Please order adjustment aid for adjusting the running gears (height and position) separately.

#### Accessories for retrofitting

		Load bearing capacity kg	Cat.no.	
Soft and self closing mechanism, with		50	940.42.304	1
release device with stopper, for clamping onto running gear	8 8 8 8	80	940.83.300	t
	3 W	120	941.02.300	1

#### Mounting bracket and accessories

			Area of application	Material	Finish/ colour	Wall distance track centre mm	Length L mm	Cat.no.	
Mounting bracket, height 26 mm (install every 400 mm)	10	26-1 26-1	For running track $(1)$	Steel	Galvanized	16-25	36	940.42.061	
Adjustment aid with hex key			For adjusting the running gears (height and position)	Plastic	-	-	90	940.42.075	

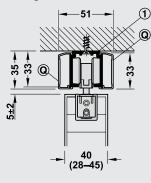
### Tracks

			Material	Finish/colour	Length mm	Cat.no.	
Wall mounting and ceiling in	stallation						
Single top running track, (1) for screw fixing, 31 x 33 mm (W x H)	Aluminium	Silver coloured anodized	2000	940.60.420	俞		
			2500	940.60.425	俞		
			3000	940.60.430	俞		
				4000	940.60.440		
					6000	940.60.460	俞

🛪 Freight Item

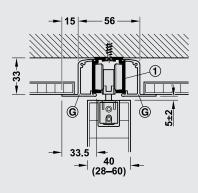
Fixing options for Häfele SLIDO D-LINE11 80-I to 120-I sliding door fitting

#### Ceiling installation

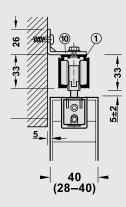


With running track (1) and 2 x clip panel (2)

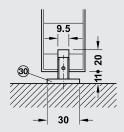
Guides



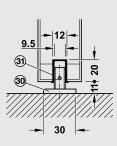
With running track (1) and 2 x clip panel (G)



Wall mounting with mounting bracket



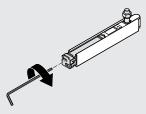
Clear threshold floor guide (30), without guide track



Clear threshold floor guide (30), with guide track (31)



Clear threshold floor guide for wall pocket installation



Adjustment aid with hex key, for adjusting the running gears (height and position)

### Panels

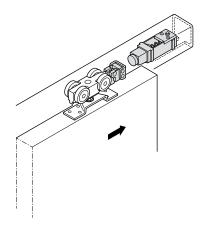
			Area of application	Material	Finish/ colour	Width B mm	Length L mm	Cat.no.	
Clip panel, for integration in	G		For running track (1)	Aluminium	im Silver coloured anodized	-	2000	940.43.620	X
suspended							3000	940.43.630	X
ceilings							6000	940.43.660	X
Clip panel,	0		For running track $(1)$		Silver	-	2000	941.25.620	X
height 33 mm		5 _			coloured anodized	300	3000	941.25.630	X
							6000	941.25.660	X
End cap set for panel (2)	_	B t	For running track ①	Plastic	Silver coloured	50	_	941.25.040	×
End cap set for 2 x panel (3)	-		For running track (1)	Plastic	Silver coloured	51	-	941.25.042	×

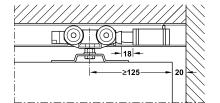
#### Guides

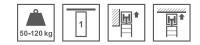
		Area of application	Material	Finish/ colour	Length L mm	Cat.no.	
Clear threshold floor guide	30	For wooden doors with or without guide track ③	Plastic	Black	_	940.42.030	X
Guide track,	31	For clear threshold	Plastic	Black	1000	940.42.050	X
bottom, for press fitting		bor guide 3			1500	940.42.051	X
					2000	940.42.052	X
Clear threshold floor guide, for wall pocket installation	-	For installation on one or both sides to front side of sliding door wall pocket for gap width 8-8.5 mm	Stainless steel	-	245, can be cut to size	940.42.035	×



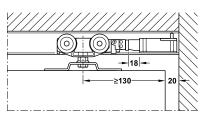
### HÄFELE SLIDO D-LINE11 TRACK STOPPER ADDITIONAL SET FOR 50-I TO 120-I







Track stopper



Track stopper with magnetic pull

#### > Functionality:

The track stopper replaces the sprung handle with sliding doors that run in walls. The door bounces back out of the cavity after pushing it slightly so that the flush pull handle can be reached. When using the track stopper version with magnetic pull, then the door is additionally held in open position.

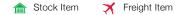
> Installation:

The track stopper is pushed into the running track from the front edge and fixed using fixing screw. A wall distance of min. 20 mm must be provided in order to ensure the functionality of the soft closing mechanism.

#### Note

Not suitable for use in conjuction with soft and self closing mechanism.

		Door weight kg	Cat.no.	
Track stopper		50	940.42.070	×
		80	940.42.071	×
		120	940.42.072	×
Track stopper, with magnetic pull		50	940.42.310	俞
	ON I	80	940.42.311	俞
	<u>T</u> <u>r</u> <u>r</u>	120	940.42.312	俞



#### 

### HÄFELE SLIDO D-LINE11 STACKING ADDITIONAL SET FOR 50-I TO 120-I

-64.5-

20

노는

тв

в

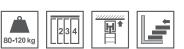
LM

- 60-

TB

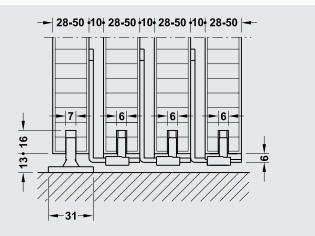
TB = door width, LM = internal width, B = total width

2 doors: TB = (LM + 129 mm) / 2 3 doors: TB = (LM + 193.5 mm) / 3 4 doors (see drawing): TB = (LM + 258 mm) / 4



MADE IN EUROPE

> Area of application: For stacking 2, 3 and 4 door leaf > Door width:  $\geq$ 700 mm



	Supplied with	Cat.no.
Stacking set	2 stoppers 1 floor guide with bracket	940.44.001 🏦
Floor guide, plastic	-	942.35.400 🕋





### HÄFELE SLIDO D-LINE11 WALL POCKET SOLUTION FOR 50-I TO 120-I



P





- > Area of application: For internal wall pocket widths 75, 100 or 125 mm, wall pocket width optional when using doubling panels, integrated ceiling installation
- > Functionality: Running track can be removed after installation without wall opening, running gear and soft self closing mechanism can also be removed, stopper position inside wall pocket can be adjusted after installation
- > Installation: Wall pocket installation

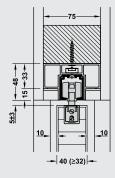
#### Note

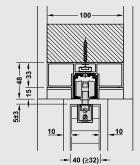
Construction wood is not necessarily required with track width 75, 100 or 125 mm as the mounting rail can be screwed directly to the wall cladding (depending on the cladding material).

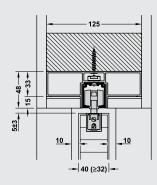
	36
Ŧ	
-48-	
+	
5±3	

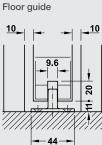
Running track installation



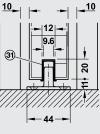








Without guide track



With guide track

Internal opening mm	Total door width mm	Door protrusion into the pocket mm	Door thickness mm	Pocket width mm	Gap between door and cladding, for example (left side and right side) mm	Masonry thickness (with frame, if applicable) mm
650 - 700	670 - 720	20	32 - 42	2 - 42 52 - 63	10	80 - 140
701 - 800	721 - 820					80 - 170
801 - 1,000	821 - 1,020					80 - 200
1,001 - 1,200	1,021 - 1,220				80 - 260	
1,201 - 1,450	1,221 - 1,470					80 - 320



#### Note

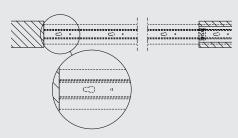
Dimension from door edge to centre of suspension point or pivot point must be adhered to! This is required for swivelling the door into the wall pocket!



### ADDITIONAL SET SLIDO D-LINE11 RUNNING TRACK FOR WALL POCKET SOLUTION

#### MADE IN EUROPE

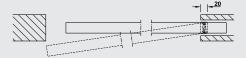
#### Installation situation



The running track is always clipped-in in direction of the locking point. The running track is secured with screws around the opening area.

Mounting rail installation: Observe the position of the recesses!

#### Swivelling door into the pocket



#### Tracks and accessories

Set consisting of		Material	Finish/colour	Dim.	Effective	Cat.no.	
Track set for wall pocket installation,		Aluminium	Silver coloured	(W x L) mm 36 x 2000	length mm	940.43.280	×
consists of running track and mounting rail, including floor guide, plastic, grey,			anodized	36 x 2500	2480	940.43.281	X
for door weight				36 x 3000	2980	940.43.282	×
80–120 kg				75 x 2000	1980	940.43.291	X
	Der			75 x 2500	2480	940.43.292	×
				75 x 3000	2980	940.43.293	X
				100 x 2000	1980	940.43.294	X
				100 x 2500	2480	940.43.295	X
				100 x 3000	2980	940.43.296	X
				125 x 2000	1980	940.43.297	×
				125 x 2500	2480	940.43.298	×
				125 x 3000	2980	940.43.299	X
Floor guide	S.	Plastic	Grey	-	-	940.42.038	≭
Guide track, bottom		Plastic	Black	-	1000	940.42.050	X
					1500	940.42.051	X
					2000	940.42.052	X

#### Brush seal set for wall pocket solution

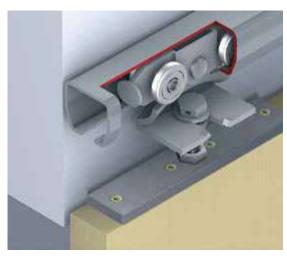
	•						
		Supplied with	Material	Finish/colour	Length mm	Cat.no.	
Brush seal set, for wall		0.00	Aluminium	Aluminium Silver coloured anodized	2000	940.42.420	X
pocket solution		1 brush profile 1 mounting profile Mounting clips (number in	number in		2500	940.42.421	X
		Mounting clips (number in accordance with length)			3000	940.42.422	X
				Matt powder	2000	940.42.430	X
				coated pure white, RAL	2500	940.42.431	X
	~			9010	3000	940.42.432	X

Stock Item

🛪 Freight Item

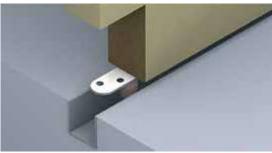
### HÄFELE SLIDO D-LINE13 400-Q SLIDING DOOR FITTING



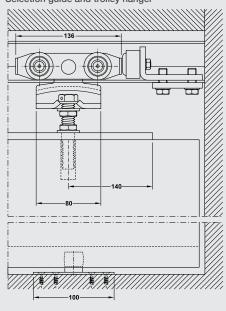


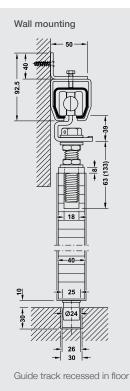


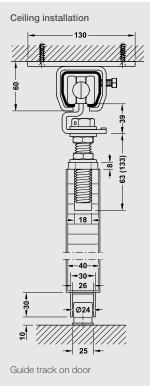
- > Area of application: For 1-leaf and 2-leaf sliding doors
- > Door weight: ≤400 kg
- > Adjustment facility: Door height adjustable
- > Installation: Suspension with screwed on support flange, wall mounting and ceiling installation



Selection guide and trolley hanger









### HÄFELE SLIDO D-LINE13 400-Q SLIDING DOOR FITTING

وجعي ا	ĸ
MADEIN	÷.
EUROPE	1
	× 1

Model	Supplied with	Cat.no.	
400-Q	2 running gears		X
	2 support flanges for screw fixing or recess mounting, with threaded hole M14, 280 x 35 x 8 mm (L x W x H)		
	1 floor guide		
	2 stoppers		

Order reference

Order 2 sets for 2-leaf sliding doors. Please order track and accessories separately.

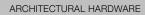
#### Tracks and accessories

		Material	Finish/colour	Length mm	Cat.no.	
Running track, not drilled, $43.5 \times 48.5$ mm (H x W)		Steel	Galvanized	6000 Customized	942.61.960 942.61.999	*
Guide track, not drilled		_		6000	942.61.860	*
				Customized	942.61.899	X
Ceiling sleeve for 1 running track	10	_		-	942.61.080	×
Ceiling sleeve for 2 running tracks		-		-	942.61.081	×
Wall sleeve for 1 running track				-	942.61.082	×
Wall sleeve for 2 running tracks	P P · ·			-	942.61.083	×
Height adjustable sleeve		_		-	942.61.086	×
Wall mounting bracket for height adjustable sleeve				-	942.61.084	×
Wall mounting bracket for height adjustable sleeve				-	942.61.085	×
Connecting bush for running tracks		_		-	942.61.087	×

We reserve the right to alter specifications without notice.

Note Install ceiling or wall sleeve every 500 mm

(dim. depends on the substructure - install at smaller distances where necessary)



# GLASS SLIDING DOOR

Sille



MADE IN

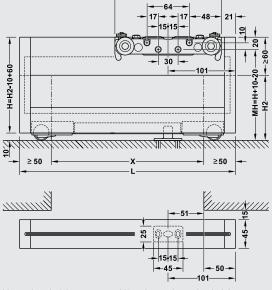
### HÄFELE SLIDO D-LINE43 80-M SLIDING DOOR FITTING



- > Area of application: For private residential areas, for 1-leaf door, for hard floors (laminate, PVC, tiles) and soft floors (carpet, cork – only in combination with bottom track)
- > Version: Invisible running equipment integrated in door
- > For glass thickness: Tempered safety glass: 5 and 6 mm, laminated glass: 6–6.5 mm
- > Door weight: ≤80 kg
- > Door width: 800–1,500 mm
- > Door height: ≤2,600 mm
- > Adjustment facility: Distance door to wall +4 mm (adjustment on both sides, for compensating uneven walls), height ±2 mm
- > Installation: Wall mounting, floor must be even and level



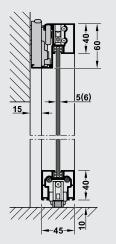
Section running gear and floor guide



160

- H = door height MH = installation height L = door width
- H2 = internal opening height X = internal opening width

Wall mounting



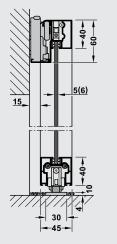
Floor guide on hard floors

#### Note

A slight trace of wear may appear on the floor, depending on material. Tile gaps are noticeable when moving the door.

#### Mounting reference

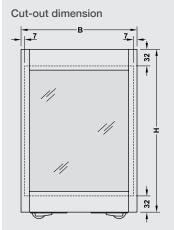
- > Make sure that floor is even and level
- > Bottom track is required for soft floors
- > Prepare wall structure for top roller

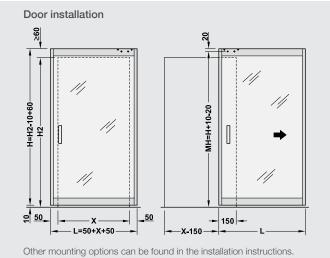


Floor guide on soft floors with running track provided on site

### HÄFELE SLIDO D-LINE43 80-M SLIDING DOOR FITTING







Panel size calculation Panel height: H – 64 mm Panel width: B – 14 mm

#### Set with running track for 1 door

Set with	running track for 1 door	I				
Model	Version	Supplied with	Finish/ colour	Length mm	Cat.no.	
80-M	0	1 set of aluminium frame including attaching parts	Silver coloured	1100	940.59.010	X
	mechanism	1 running track	anodized	1500	940.59.011	X
		1 running gear	Black anodized	1100	940.59.012	X
		2 soft and self closing mechanisms		1500	940.59.013	X
		1 guide track				
		1 floor guide				
		1 set of guide rollers				
		2 spacers				
		1 pair of end caps				
		1 floor mounted door stop (use optional)				
		2 hex keys				
		1 open-ended spanner				

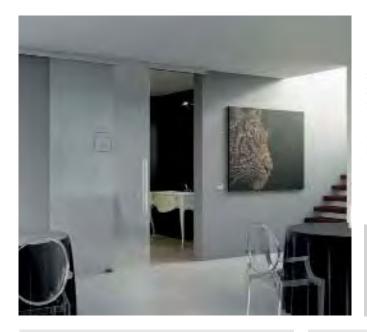
#### Tracks

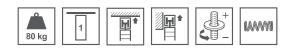
Model	Material	Finish/colour	Length mm	Cat.no.	
Bottom track, for soft floors, 30 x 4 mm (W x H)		Silver coloured anodized	2200	940.59.802	$\mathbf{X}$
			3600	940.59.803	$\mathbf{X}$
		Black	2200	940.59.812	X
		anodized	3600	940.59.813	$\mathbf{X}$





### HÄFELE SLIDO D-LINE 80-R SLIDING DOOR FITTING



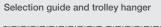


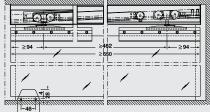
- > Area of application: For 1-leaf glass sliding doors
- > For glass thickness: 12mm
- > Door weight: ≤80 kg
- > Door width: ≤650mm
- > Door width: ≤1200mm
- > Installation: Suspension fitting with flange clip, clamp connection (installation without tools and glass drilling)

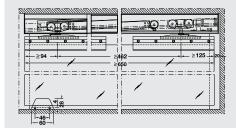


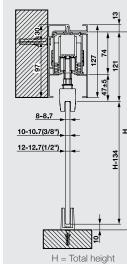
MADE IN

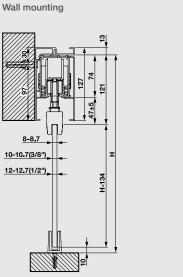
- > Innovative mechanical system for doors with automatic closure without the use of electrical equipment.
- > Integrate the innovative Fluid technology: the opening and closing movement is even lighter and more smooth, without the need of any kind of effort.

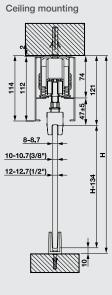












### HÄFELE SLIDO D-LINE 80-R SLIDING DOOR FITTING



#### Set without running track for 1 door

Model	Version	Supplied with	Cat.no.	
80-R	One side with soft closing	1 running gear	940.82.276	X
	mechanism	1 running gear with soft and self-closing mechanism on one side		
		2 glass clamp		
		4 end cap		
		1 floor guide		
		1 track buffer with retainer spring and rubber buffer		
		1 track stopper		
		1 release device with stopper		

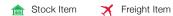
Order reference

Order 2 sets for 2-leaf sliding doors.

Please order track and accessories separately.

#### Tracks and accessories

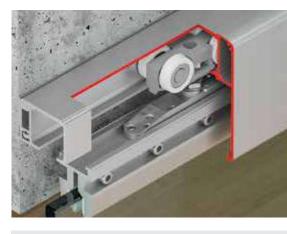
Model		Material	Finish/colour	Length mm	Cat.no.
Running track set, inside		Aluminium	Silver coloured anodized	2000	940.82.277 • 🏠
mounting				2400	940.82.278 🏠
Track ceiling mounting				2000	940.82.279 • 👚
		_		2400	940.82.280
Track wall mounting				2000	940.82.281 🛪
Clip cover plate for running track	t			2400	940.82.282
				2000	940.82.283 🛪
	=			2400	940.82.284 🛪





## 

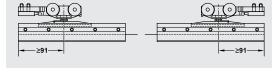




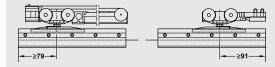
#### Soft closing versions overview

Running gear with axle bearing

Without soft and self closing mechanism



With soft and self closing mechanism on one side





- > Area of application: For 1-leaf and 2-leaf sliding doors
- > For glass thickness: Tempered safety glass: 8 and 10 mm, laminated glass: 8–8.7 and 10–10.7 mm
- > Door weight:  $\leq$  50/120 kg
- > Adjustment facility: Door height adjustable ±4 mm



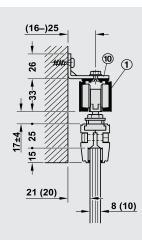
 Installation: Suspension with flange clip, clamped connection (without tools and without glass drilling)

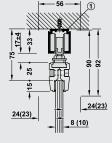
#### Soft and self closing mechanism:

- > Low opening force easy and convenient operation
- > Tested with increased speed up to 0.5 m/s
- > Can be retrofitted or replaced at any time

#### Shock absorber:

> Closing speed with shock absorber tested up to 0.4 m/s



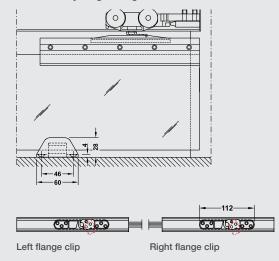


Calculation of glass height: H1 = H - 10 - 31 - 17 - 25

#### Note

End cap for ceiling installation with fascia on both sides not available. One pair of end caps can be glue fixed vertically in the centre of the running track (optional).

#### Section trolley hanger and guide







#### Set without running track for 1 door

Version		Supplied with	Door width mm	50-L ≤50 kg per door	80-L ≤80 kg per door	120-L ≤120 kg per door
Running gear with axle b	earing					
Without soft and self closing mechanism	Track	2 running gears	≥500	940.44.030 🛪	940.83.034 🛪	941.25.014 🄾
	buffer with retaining spring	1 clear threshold floor guide				
		2 track buffers with retaining spring				
With soft and self closing mechanism on	Track buffer with	2 running gears (1 with soft and self closing mechanism)	≥517 (50-80 kg) ≥579 (120 kg)	940.44.031 🛪	940.83.035 🛪	941.25.015 🛪
one side	retaining spring	1 clear threshold floor guide				
		1 track buffer with retaining spring				
		1 release device with stopper for soft and self closing mechanism				

#### Order reference

Please order glass clamp shoe, tracks, panels and accessories separately. Order 2 sets for 2-leaf sliding doors.

#### Glass clamp shoe sets

#### Note

Use continuous glass clamp shoe in combination with clip panel P and end cap set.

Model			Material	Finish/ colour	For 1 door	Length L mm	Cat.no.	
Glass clamp shoe set for glass thickness 8–8.7 mm consists of:	-		Aluminium	Silver coloured anodized	1 set	200	940.43.040	X
length 200 mm: 2 clamps length 1000 mm: 1 clamp						1000	940.43.042	X
length 1500 mm: 1 clamp	Į į					1500	940.43.044	X
Glass clamp shoe set for glass thickness 10–10.7 mm consists of:	-	ÎD				200	940.43.041	X
length 200 mm: 2 clamps length 1000 mm: 1 clamp length 1500 mm: 1 clamp					1000	940.43.043	X	
						1500	940.43.045	X
Clip panel set, height 52 mm for glass clamp shoe (4 pieces)	P		-			202	940.43.410	×
Clip panel set, height 52 mm for glass clamp shoe (2 pieces)	P					1000	940.43.411	X
						1500	940.43.412	×
End cap set for glass thickness 8–8.7 and 10–10.7 mm	_		Plastic	Silver coloured	-	-	940.43.455	×





#### Accessories for retrofitting

		Load bearing capacity kg	Cat.no.
Soft and self closing mechanism, with release device with stopper, for clamping onto running gear		50	940.42.304
	5 0	80	940.83.300 🕋
		120	941.02.300 🍙

#### Mounting bracket and accessories

Model			Area of application	Material	Finish/ colour	Length L mm	Cat.no.
Mounting bracket, height 26 mm (install every 400 mm)	10	-1-50 00 00 00 00 00 00 00 00 00 00 00 00 0	For running track ①	Steel	Galvanized	36	940.42.061
Spanner	-	a la	_			-	940.43.032

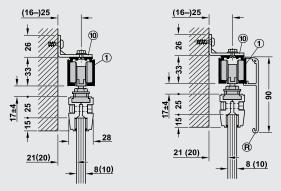
#### Tracks

Model			Area of application	Material	Finish/colour	Length mm	Cat.no.	
Wall mounting and ceiling installation								
Single top running track, for screw fixing, 31 x 33 mm (W x H)	1		For door weight 80–120 kg	Aluminium	Silver coloured anodized	2000	940.60.420	
						2500	940.60.425	
						3000	940.60.430	
						4000	940.60.440	
						6000	940.60.460	

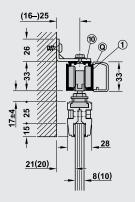


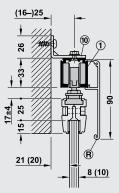


Wall mounting with mounting bracket

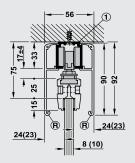


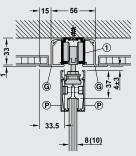
Wall mounting with running track and mounting rail

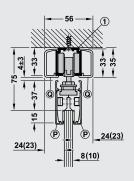




Ceiling installation



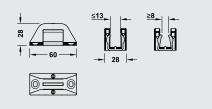


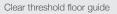


8 (10/12.7)

- 25

Floor guide





Centring door stop

- 60 -

001

28

ł

Floor guide

 $\bigcirc$ 

60

0

52

4

31





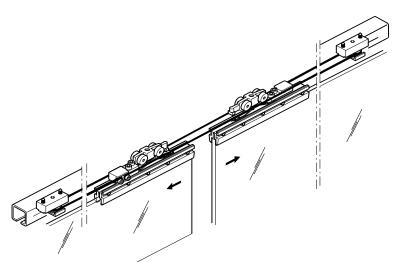
#### Installation

Fixed glass installation: Sealing profile for glass thickness 10 mm, wet sealing for glass thickness 8–12.7 mm.

#### Panels

Model			Area of application	Material	Finish/ colour	Width B	Length L mm	Cat.no.	
Clip panel,	0		For running track (1)	Aluminium	Silver	-	2000	941.25.620	X
height 33 mm		5_			coloured anodized		3000	941.25.630	X
							6000	941.25.660	X
Clip panel,	R		For running track (1)			-	2000	941.25.720	X
height 90 mm						3000	941.25.730	X	
							6000	941.25.760	X
Clip panel, for	G		For running track (1)			-	2000	940.43.620	X
integration in suspended ceilings							3000	940.43.630	X
	×					6000	940.43.660	X	
End cap set for panel ®	-	B	For running track ①	Plastic	Silver coloured	44	-	941.25.043	×
Clear threshold floor guide			For glass thickness 8–13 mm, adjustable	Zinc alloy	Silver coloured anodized			940.82.076	×
Centring door stop	_		For glass thickness 8, 10, 12.7 mm	-				940.82.075	×
Floor guide	-		For glass thickness 8, 10,12.7 mm					940.82.079	×
		A A	For glass thickness 8 mm					940.82.078	X
			For glass thickness 10 mm					940.82.077	X

### HÄFELE SLIDO D-LINE11 SYNCHRO ADDITIONAL SET FOR 50L TO 120L





> Area of application: For 2-leaf sliding doors

- > Functionality: For symmetrical opening of 2 door leaves
- > Door width: ≥600 and ≤1,500 mm

#### Note

The additional set can only be used in conjuction with basic equipment consisting of two sets for 1-leaf sliding doors (Slido D-Line11 50L to 120L) and running track. Not suitable for use in combination with fascia

for glass clamp shoe. Not suitable for versions with soft and self closing mechanism



MADE IN

	Supplied with	Cat.no.	
For 2 doors	2 track buffers with deflection roller	941.02.005	
	2 cable fixing blocks		
	1 cable without plastic sheathing, 10 m		

#### Cable for Slido D-LINE Synchro



Version	Length metre	Cat.no.	
Without plastic sheathing	10	940.44.074	1

Order reference

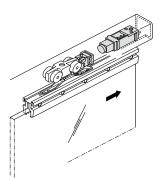
Please order additional cable for door widths >1,250 mm.





MADE IN EUROPE

-IX FEI



		нQ			
0	0	0	0	0	
			<del>_</del> ≥125-	-	20

Track stopper

<u>//////</u>					$\mathbb{N}$
0	0	9		0	
[		-	≥130-	- 2	•

Track stopper with magnetic pull

#### Note

Not suitable for use in combination with soft and self closing mechanism

#### > Functionality:

The track stopper replaces the sprung handle with sliding doors that run in walls. The door bounces back out of the cavity after pushing it slightly so that the flush pull handle can be reached. When using the track stopper version with magnetic pull, then the door is additionally held in open position.

#### > Installation:

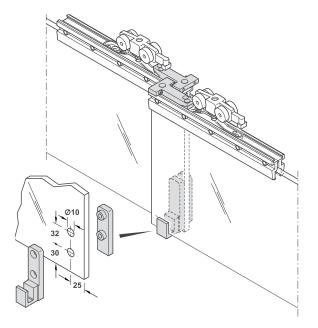
The track stopper is pushed into the running track from the front edge and fixed using fixing screw. A wall distance of min. 20 mm must be provided in order to ensure the functionality of the soft closing mechanism.

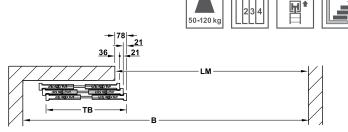
		Door weight kg	Cat.no.	
Track stopper		50	940.42.070	×
	OLIMATI	80	940.42.071	X
		120	940.42.072	×
Track stopper, with magnetic pull		50	940.42.310	俞
	E CII-I	80	940.42.311	俞
		120	940.42.312	俞

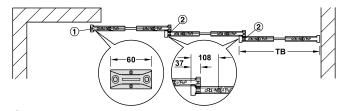


### HÄFELE SLIDO D-LINE11 STACKING ADDITIONAL SET FOR 50-L TO 120-L

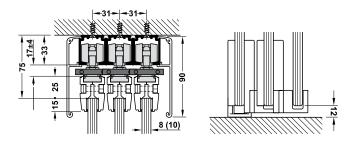








Floor guide
 Floor guide for stacking



- > Area of application: For 2-leaf to 4-leaf sliding doors
- > Functionality: For stacking 2 to 4 door leaves
- > For glass thickness: Tempered safety glass: 8 and 10 mm
- > Door width: >700 mm

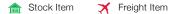
#### Note

The additional set can only be used in conjunction with the respective number of door sets (of suitable fittings), respective number of running tracks and panels (optional).

Not suitable for use in combination with fascia for glass clamp shoe.

The use for versions with soft and self closing mechanism is only suitable to a limited extend as a smooth opening and closing action cannot be ensured.

	For 2 doors	For 3 doors	For 4 doors	Cat.no.	
Floor guide, silver coloured anodized	1 piece	1 piecce	1 piece	940.82.079	X
Follower	4 pieces	6 pieces	8 pieces	940.44.410	×
Floor guide set for stacking, for glass thickness 8 and 10 mm	1 set	2 sets	3 sets	940.44.210	×



# 

### HÄFELE SLIDO D-LINE11 WALL POCKET SOLUTION FOR 50-L TO 120-L

#### MADE IN EUROPE



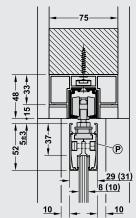


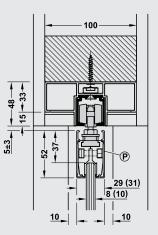
- > Area of application: For internal wall pocket widths 75, 100 or 125 mm, wall pocket width optional when using doubling panels, integrated ceiling installation
- > Functionality: Running track can be removed after installation without wall opening, running gear and soft and self closing mechanism can also be removed, stopper position inside wall pocket can be adjusted after installation
- > Installation: Wall pocket installation



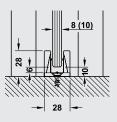


Running track installation





Floor guide



Note Only for use in conjunction with clear threshold floor guide.

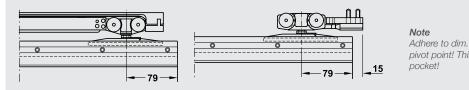
#### Note

Slido D-Line11 L can be combined with any track width. Construction wood is not necessarily required with track width 75, 100 or 125 mm as the mounting rail can be screwed directly to the wall cladding (depending on the cladding material).

Internal opening mm	Total door width mm	Door protrusion into the pocket mm	Glass clamp thickness mm	Pocket width mm	Gap between door and cladding, for example (left side and right side) mm	Masonry thickness (with frame, if applicable) mm		
650 - 700	685 - 735	35 25 - 31	45 - 51	10	80 - 140			
701 - 800	736 - 835							80 - 170
801 - 1,000	836 - 1035					80 - 200		
1,001 - 1,200	1036 - 1235					80 - 260		
1,201 - 1,450	1236 - 1485					80 - 320		

Note

Only for use in conjunction with clear threshold floor guide.



Adhere to dim. from door edge to centre of suspension point or pivot point! This is required for swivelling the door into the wall pocket!

### HÄFELE SLIDO D-LINE11 WALL POCKET SOLUTION FOR 50-L TO 120-L



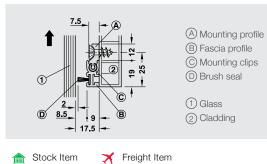
### Installation situation Swivelling door into the pocket يتستدر $\infty$ $\sim$ The running track is always clipped-in in direction of the locking point. Mounting rail installation: Observe the position of the recesses! The running track is secured with screws around the opening area. Tracks and accessories

Set consisting of		Material	Finish/ colour	Dim. (W x L) mm	Effective length mm	Cat.no.			
Track set for wall pocket installation,	~	Aluminium	Silver	36 x 2000	1980	940.43.280	X		
consists of running track and mounting rail, including floor guide, plastic, grey,	•		coloured anodized	36 x 2500	2480	940.43.281	×		
for door weight 80–120 kg				36 x 3000	2980	940.43.282	X		
				75 x 2000	1980	940.43.291	X		
				75 x 2500	2480	940.43.292	X		
				75 x 3000	2980	940.43.293	X		
						100 x 2000	1980	940.43.294	X
				100 x 2500	2480	940.43.295	X		
			100 x 3000	2980	940.43.296	X			
							125 x 2000	1980	940.43.297
				125 x 2500	2480	940.43.298	X		
				125 x 3000	2980	940.43.299	X		

Brush seal set for wall pocket solution

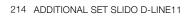
		Supplied with	Material	Finish/colour	Length mm	Cat.no.	
Brush seal set,		1 brush seal (grey)	Aluminium	Silver coloured	2000	940.42.420	X
for wall pocket solution	ion 1 mounting p Mounting clip	1 brush profile 1 mounting profile		anodized Matt powder coated pure white, RAL 9010	2500	940.42.421	$\overrightarrow{\mathbf{X}}$
		Mounting clips (number in accordance with length)			3000	940.42.422	X
					2000	940.42.430	$\mathbf{X}$
					2500	940.42.431	X
					3000	940.42.432	X

Order reference Order 1 set for each side.



#### Installation

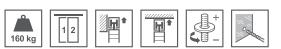
Pre-mount mounting profile (A) on cladding (2), slide brush seal (D) onto fascia profile (B) and press-fit into mounting profile using mounting clips (C). Mounting clips (C) are attached at individual points along the length.





MADE IN EUROPE

### HÄFELE SLIDO D-LINE11 160-L SLIDING DOOR FITTING

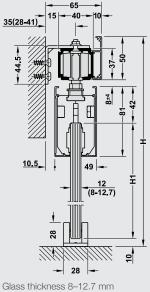


- > Area of application: For 1-leaf and 2-leaf sliding doors
- > Suitable for: Tempered safety glass
- > For glass thickness: 8, 10, 12, 12.7, 15, 16, 17, 19 mm
- > Door weight: ≤160 kg
- > Door width: ≥700 mm
- > Adjustment facility: Door height adjustable  $\pm 4 \text{ mm}$
- > Installation: Wall mounting and ceiling installation, suspension with flange clip, positive-fit clamp connection







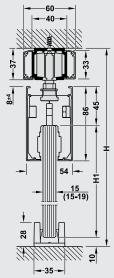


H = system heightH1 = door heightDoor height :H1 = H - 50 - 8 - 42 - 10

OQ]



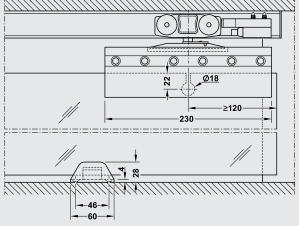




Glass thickness 15–19 mm

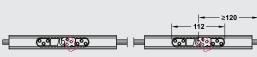
 $\begin{array}{l} H = system \ height \\ H1 = door \ height \\ Door \ height : \\ H1 = H - 37 - 8 - 45 - 10 \end{array}$ 

### Section trolley hanger and guide





Glass preparation details



Left flange clip

Right flange clip

Centring door stop for centring doors and for use as bottom door stopper for sliding door, can be used for opening and closing



#### Set without running track for 1 door

Version	Supplied with	For glass thickness mm	Cat.no.	
Without soft and self closing	2 running gears	8, 10, 12, 12.7	941.62.030	٢
mechanism	2 glass clamp shoes with clamping spacers	15, 16, 17, 19	941.62.031	٢.
	1 clear threshold floor guide			
	2 track buffers with retaining spring			

#### Order reference

Order 2 sets for 2-leaf sliding doors

Please order tracks, panels and accessories seperately

Tracks and accessories							
Model		Material	Finish/colour	For glass thickness	Length mm	Cat.no.	
Wall mounting and ceiling insta	llation						
Running track, pre-drilled	•	Aluminium	Silver coloured	-	2000	941.62.721	
40.5 x 36.5 mm (W x H)			anodized		3000	941.62.731	
					6000	941.62.761	俞
Clip panel for glass clamp shoe	_			8, 10, 12, 12.7	1500	941.62.407	X
	1				2000	941.62.408	X
				15, 16, 17, 19	1500	941.62.409	*
	-				2000	941.62.410	X
End cap set for glass clamp shoe				8, 10, 12, 12.7	-	941.62.413	×
3106	โโทโ			15, 16, 17, 19	-	941.62.414	×
WallI mounting							
Clip panel, height 50 mm	1	Aluminium	Silver coloured	-	2000	941.62.404	X
			anodized		3000	941.62.405	X
					6000	941.62.406	X
End cap set		Plastic	Silver coloured	-	-	941.62.412	X
Mounting bracket, height 44.5 mm (install every 400 mm)	0		Galvanized	-	51	941.62.416	×
Ceiling installation							
Clip panel, height 33 mm		Aluminium	Silver coloured	-	2000	941.25.620	X
	$\int$		anodized		3000	941.25.630	X
					6000	941.25.660	X
End cap set		Plastic	Silver coloured	-	-	941.62.411	×
Accessories							
Clear threshold floor guide	(File)	Zinc alloy	Silver coloured	8, 10, 12, 12.7	-	940.82.076	X
			anodized	15, 16, 17, 19		941.62.202	×
Centring door stop				8, 10, 12, 12.7	-	940.82.075	×
Spanner	a	Steel	Galvanized	-		940.43.032	X

We reserve the right to alter specifications without notice.

Stock Item 🛛 🛪 Freight Item



MADE IN EUROPE

# HÄFELE SLIDO D-LINE11 240-L SLIDING DOOR FITTING

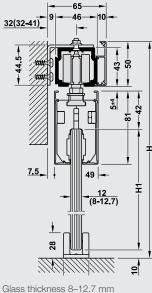


- > Area of application: For 1-leaf and 2-leaf sliding doors
- > Suitable for: Tempered safety glass
- > For glass thickness: 8, 10, 12, 12.7, 15, 16, 17, 19 mm
- > Door weight: ≤240 kg
- > Door width: ≥900 mm
- > Adjustment facility: Door height adjustable ±4 mm
- > Installation: Wall mounting and ceiling installation, suspension with flange clip, positive-fit clamp connection

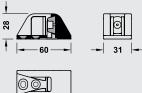








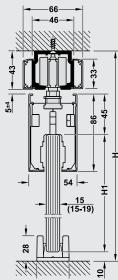
H = system height H1 = door height Door height : H1 = H - 50 - 8 - 42 - 10



Centring door stop for centring doors and for use as bottom door stopper

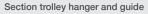
for sliding door, can be used for opening and closing

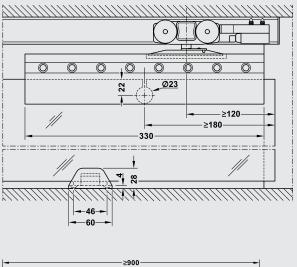
Ceiling installation



Glass thickness 15-19 mm

H = system height H1 = door heightDoor height : H1 = H - 43 - 5 - 45 - 10







Glass preparation details

#### Installation

<u>ea</u> /6????



Left flange clip

Right flange clip

We

# HÄFELE SLIDO D-LINE11 240-L SLIDING DOOR FITTING



#### Set without running track for 1 door

Version	Supplied with	For glass thickness mm	Cat.no.	
Without soft and self closing	2 running gears	8, 10, 12, 12.7	941.62.032	X
mechanism	2 glass clamp shoes with clamping spacers	15, 16, 17, 19	941.62.033	$\varkappa$
	1 clear threshold floor guide			
	2 track buffers with retaining spring			

Order reference

Tracks and accessories

Order 2 sets for 2-leaf sliding doors

Please order tracks, panels and accessories seperately

		Material	Finish/colour	For glass thickness	Length mm	Cat.no.	
Wall mounting and ceiling installation							
Running track, pre-drilled, 46 x 43 mm (W x H)	· ·	Aluminium	Silver coloured anodized	-	3000	941.62.603	X
					6000	941.62.606	X
Clip panel for glass clamp shoe				8, 10, 12, 12.7	1500	941.62.407	X
					2000	941.62.408	X
				15, 16, 17, 19	1500	941.62.409	X
	*				2000	941.62.410	X
End cap set for glass clamp shoe				8, 10, 12, 12.7	-	941.62.413	X
	ll			15, 16, 17, 19	-	941.62.414	X
WallI mounting							
Clip panel, height 50 mm		Aluminium	Aluminium Silver coloured anodized	-	3000	941.62.405	X
					6000	941.62.406	X
End cap set		Plastic	Silver coloured	-	-	941.62.412	X
Mounting bracket, height 44.5 mm (install every 400 mm)	e		Galvanized	-	51	941.62.416	X
Ceiling installation							
Clip panel, height 33 mm		Aluminium	Silver coloured anodized	-	3000	941.25.630	X
					6000	941.25.660	X
End cap set		Plastic	Silver coloured	-	-	941.62.415	×
Accessories			1				
Clear threshold floor guide		Zinc alloy	Silver coloured	8, 10, 12, 12.7	-	940.82.076	X
			anodized	15, 16, 17, 19		941.62.202	X
Centring door stop				8, 10, 12, 12.7	-	940.82.075	X
Spanner	R	Steel	Galvanized	_		940.43.032	×

We reserve the right to alter specifications without notice.

🕋 Stock Item 🛛 🗙 Freight Item



# HÄFELE SLIDO D-FOLD871 30-L

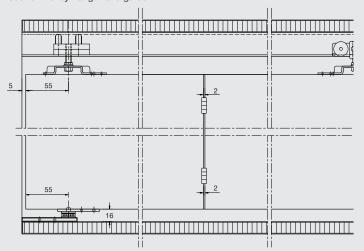


- > Area of application: For 3-leaf, 4-leaf and 6-leaf sliding doors
- > Version: Suspension with suspension bracket
- > Door weight: ≤30 kg per leaf
- > Door thickness: ≥27 mm
- > Installation: Suitable for light weight doors. For odd and even number of leafs



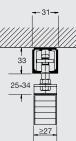
MADE IN

Section trolley hanger and guide

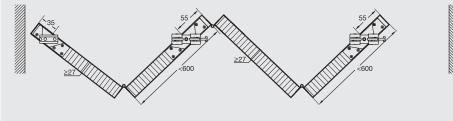


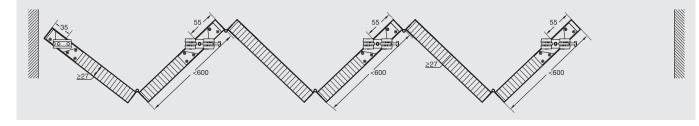


Ceiling installation



Top view installation







# HÄFELE SLIDO D-FOLD871 30-L

MADE IN EUROPE

# Set without running track

Version	Supplied with	Cat.no.
For 3-leaf folding doors	1 running gear with 4 plastic wheels	943.10.013
(without soft closing mechanism)	1 top pivot	
	1 bottom pivot	
	6 screw on hinge	
	1 floor guide roller, Ø10mm	
For 4-leaf folding doors	2 running gear with 4 plastic wheels	943.10.014
(without soft closing mechanism)	1 top pivot	
	1 bottom pivot	
	9 screw on hinge	
	2 floor guide roller, Ø10mm	
For 6-leaf folding doors	3 running gear with 4 plastic wheels	943.10.016
(without soft closing mechanism)	1 top pivot	
	1 bottom pivot	
	15 screw on hinge	
	3 floor guide roller, Ø10mm	

Order reference Please order tracks seperately

# Tracks

		Material	Finish/colour	Length mm	Cat.no.
Single top running track, for screw		Aluminium	Silver coloured anodized	2000	940.60.420 🕋
fixing, 31 x 33 mm (W x H)	N°			3000	940.60.430 🕋
				4000	940.60.440 🏠
				6000	940.60.460 🏠
Bottom guide channel			Silver coloured anodized	2000	940.42.201 🛪
				3000	940.42.301 🛪
				4000	940.42.401 🛪
	*			6000	940.42.601 🛪



# HÄFELE SLIDO D-FOLD871 50-L







- > Area of application: For 2-leaf sliding doors
- > Version: Suspension with suspension bracket

Ceiling installation

33

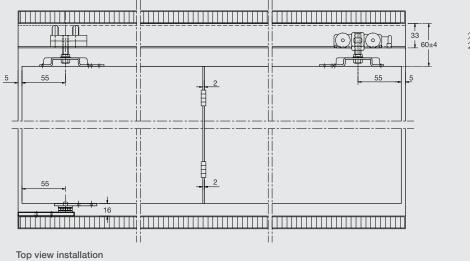
25**-**34

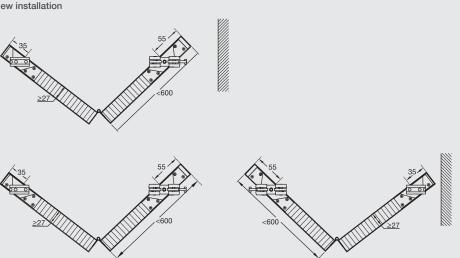
31

- > Door weight: ≤50 kg per leaf
- > Door thickness: ≥27 mm
- > Max. door width per leaf: 600 mm



Section trolley hanger and guide







# HÄFELE SLIDO D-FOLD871 50-L



# Set without running track

Version	Supplied with	Cat.no.	
For 2-leaf folding doors	1 running gear with 4 plastic wheels	943.10.032	
(without soft closing mechanism)	1 top pivot		
	1 bottom pivot		
	3 screw on hinge		

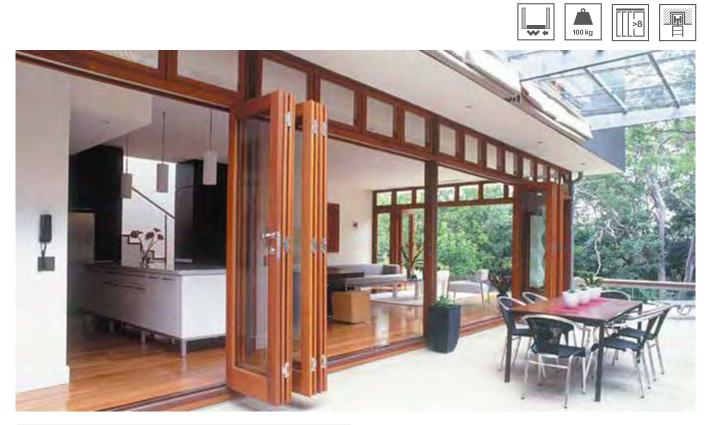
Order reference

Please order tracks seperately

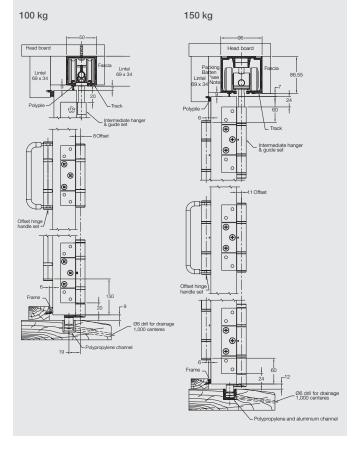
### Tracks

		Material	Finish/Colour	Length mm	Cat.no.	
Single top running track, for screw		Aluminium	Silver coloured	2000	940.60.420	
fixing, 31 x 33 mm (W x H)	°			2500	940.60.425	俞
				3000	940.60.430	
				4000	940.60.440	
				6000	940.60.460	<b>a</b>





Installation dimension for Fold 100-M / 150-M



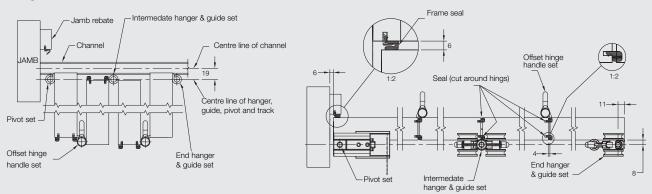
- > Area of application: For 2-8 leaf folding doors, suitable for timber frame doors
- > Door weight:  $\leq 100$  or  $\leq 150$  kg per leaf
- > Door height:  $\leq$ 3,300 mm (100 kg) or  $\leq$ 4,000 mm (150 kg)
- > Door width:  $\leq$ 1,000 mm (100 kg) or  $\leq$ 1,200 mm (150 kg)
- > Door thickness: 35 68 mm (100 kg) or 44 68 mm (150 kg)
- > Max. leaves: 16 ( 8 left and 8 right)
- > Material: Running gear nylon rollers with steel precision stainless steel bearings, stainless steel (304) hinges, stainless steel (304) pivot, hanger bodies and bottom guides, bottom guides with sealed precision stainless steel bearings



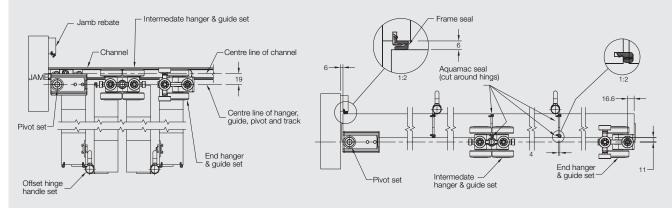


Top view closed and opened doors

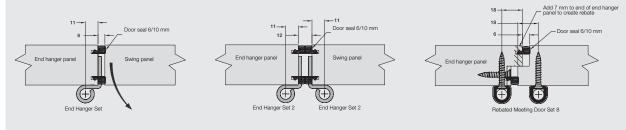
100 kg



150 kg



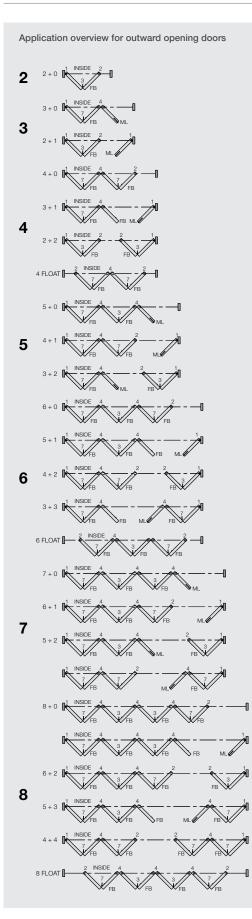
Overview meeting points (point where the last panels of right/left side meets each other)



#### Note

- Please use on a meeting point always a door seal as following:
  For 100 kg 6 mm door seal
  For 150 kg 10 mm door seal





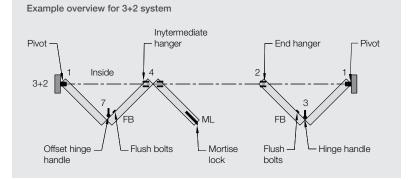
Part overview	Part overview						
Symbol	Ref	Description					
	1	Adjustable pivot set					
•	1	Jamb hinge					
=	2	End hanger set with guide					
←	3	Hinge set with hinge handle					
= =	4	Intermediate hanger set with guide					
←	7	Offset hinge set with guide					
= =	8	Meeting door set					
-	FB	Flush bolt					
	ML	Mortise lock					

#### Order reference

Mortise lock is optional, please see in this catalogue chapter 2 Jamb hinge is required for oversized doors, please see sets on following pages

#### Note

Instead of 2 end hanger sets with guide (No. 2) you can also choose 1 meeting door set (No. 8). The doors will be rebated on end. Usable for 100 kg  $\,$ 





#### D-Fold 100-M

# 100 kg hinge and pivot sets

	1	2	8
Material/finish	Adjustable pivot set	End hanger set non-rebated	Meeting door set
Stainless steel matt	943.34.004 🛪	943.34.048 🛪	943.34.096 🗙
	4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3
Material/finish	Intermediate hanger set non-mortise	Offset hinge set with hinge handle non-mortise	Hinge set with hinge handle nommortise
Stainless steel matt	943.34.068 🛪	943.34.133 × 943.34.133 × 0 0 0 0 0 0 0 0 0 0 0 0 0	943.34.097 X
Material/finish	Intermed. offset hinge non-mortise	Intermed. hinge non-mortise	Jamp pivot non-mortise
Stainless steel matt	943.34.182 🛪	943.34.158 🛪	943.34.149 🛪

#### Order reference

Please order additional 1\*, if the door height is over 2,400 mm for more stability against warping. Please install between top and bottom part of pivot assembly non-mortise. Please order additional for intermediate hinge 7\* and 3\*

🏦 Stock Item 🛛 🛪 Freight Item

# HÄFELE SLIDO D-FOLD D-FOLD 150-M

# Tracks

		Material	Finish/colour	Length mm	Cat.no.	
Running track	$\sim$	Aluminium	Silver coloured	2000	943.34.920	×
50 x 50 mm (W x H)			anodized	3000	943.34.930	X
				4000	943.34.940	×
	Q			6000	943.34.960	×
Bottom guide channel		Aluminium	Silver coloured	2000	943.33.720	×
20 x 21 x 2 mm (W x H x T)			anodized	3000	943.33.730	×
				4000	943.33.740	X
				6000	943.33.760	×
Bottom guide channel		Polypropy-	-	2000	943.33.920	X
20 x 21 x 2 mm (W x H x T)		lene		3000	943.33.930	X
				4000	943.33.940	X
	·			6000	943.33.960	×
Support channel for polypropylene		Aluminium	Silver coloured	2000	943.33.120	X
bottom guide Chanel, 25 x 23 x			anodized	3000	943.33.130	×
2 mm (W x H x T)				4000	943.33.140	×
				6000	943.33.160	×
Frame seal		Plastic	Brown	-	950.06.201	X
	Warman and a second sec		White	-	950.06.207	×
Door seal with 6 mm thickness		Plastic	Brown	-	950.06.711	×
			White	-	950.06.717	X
Track seal		Plastic	-	-	950.06.291	×
	<b>*</b>					

**Calculations for length of seals (allowing 1 m cutting reserve)** Frame seal length normal= (2 x opening width + 2 x opening height) +1 m Door seal length (6 mm thickness)= (2 x no. of door leaves x opening height) +1 m Track seal length= Opening width + 1 m



#### D-Fold 150-M

#### 150 kg hinge and pivot sets

	l T	2	3
Material/finish	Pivot assembly non-mortise	End hanger set non-rebated	Hinge set with hinge handle non- mortise
Stainless steel matt	943.34.280 X	943.34.284 X 943.4.284 X 943.34.284 X 945	943.34.096
Stainless steel matt	943.34.286 X	943.34.298 ¥ ↓ ↓ ↓ ↓ ↓ ↓ 3*	<b>9</b> <b>9</b> <b>9</b> <b>9</b> <b>9</b> <b>9</b> <b>9</b> <b>9</b> <b>9</b> <b>9</b>
Material/finish	Intermed. offset hinge non-mortise	Intermed. offset hinge non-mortise	Jamp pivot non-mortise
Stainless steel matt	943.34.296 🗙	943.34.288 🛪	943.34.282 🛪

Order reference Please order additional 1\*, if the door height is over 2,400 mm for more stability against warping. Please install between top and bottom part of pivot assembly non-mortise. Please order additional for intermediate hinge 7\* and 3\*



#### Tracks

		Material	Finish/colour	Length mm	Cat.no.	
Running track 50 x 50 mm (W x H)		Aluminium	Silver coloured anodized	4000	943.34.941	X
			6000	943.34.961	X	
Bottom guide channel 20 x 21 x 2 mm (W x H x T)		Aluminium	Silver coloured anodized	4000	943.34.942	X
20 x 21 x 2 mm (w x 11 x 1)				6000	943.34.962	×
Frame seal		Plastic	Brown	-	950.06.201	X
			White	-	950.06.207	X
Door seal with 6 mm thickness		Plastic	Brown	-	950.06.711	X
			White	-	950.06.717	X
Door seal with 10 mm thickness		Plastic	Brown	-	950.06.291	×
Track seal						

Calculations for length of seals (allowing 1m cutting reserve) Frame seal length normal= (2 x opening width + 2 x opening height) +1 m Door seal length (6 mm thickness)= (2 x no. of door leaves x opening height) +1 m Track seal length= Opening width + 1 m

#### Flush bolts for Fold 100/150-M



Material/finish	Standard	Standard
Height mm	190 mm	450 mm
Stainless steel matt	911.62.670	911.62.671

> Features: With slides

> Width: 41 mm

> Stroke : 20 mm



HAFELE

0

# PRESIDENT







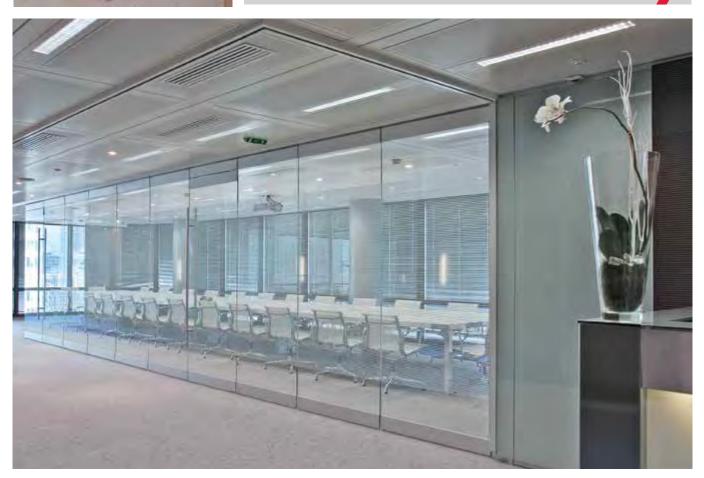
# Create privacy with an open look and feeling

The movable glass walls of our President series are elegant, offer countless practical applications and create a perfect partition for those who are foremost interested in to combine spaciousness, design and transparency.



- Completely transparent partition
- Height up to 3.5 meter
- Curved segmented models available
- High-quality track and trolley system
- Extremly durable clamping construction without necessity of drilling the glass
- Vertical profile with magnetic rubber
- Variety of colours for glass clamps and vertical profiles

# Note Please contact our sales department for information on how to order.





# PALACE 80

topCo CUSTOMISED



For many types of users, the Palace 80 may be the ultimate solution to create more space and flexibility. This movable wall with a panel thickness of 80 mm only will guarantee an optimal ease of operation with only a slightest loss of space. The favourable cost aspect creates an excellent alternative. Furthermore, the Palace 80 proves that a slim construction does not affect the stability and sound insulation. The trolleys of this wall are suspended on metal bearers, running horizontally through the panel. The result is a self supporting structure.

- Sound insulation from 40 to 44 dB Rw
- Maximum height 4 meter
- Stable and self-supporting frame construction
- Enormous flexibility thanks a broad range of panels
- Very easy to operate due to light construction
- High-quality track and trolley system

Note Please contact our sales department for information on how to order.



#### FURNITURE FITTINGS

Art No.	Page No	Price (RM)	Art No.	Page No	Price (RM)	Art No.	Page No	Price (RM)	Art No.	Page No	Price (RM)
			482.01.860	84	99.00	489.56.208	58	60.00	489.71.482	132	32.00
151.38.100	53	52.00	482.01.861	84	99.00	489.56.209	58	65.00	489.71.483	132	35.00
151.38.101	53	57.00	482.01.862	84	99.00	489.56.230	58	93.00	489.71.484	132	44.00
151.38.102	53	65.00	482.01.900	85	52.00	489.56.233	58	75.00	489.71.560	138	51.00
151.38.103	53	62.00	489.05.018	93	66.00	489.56.238	58	62.00	489.71.567	138	63.00
151.38.110	54	59.00	489.05.019	93	114.00	489.56.241	58	72.00	489.71.680	137	33.00
151.38.111	54	73.00	489.10.115	76	62.00	489.56.247	58	78.00	489.71.690	137	48.00
151.38.120	54	66.00	489.10.116	76	65.00	489.56.248	58	68.00	489.72.113	53	34.00
151.38.121	54	72.00	489.10.117	76	65.00	489.56.297	59	7.00	489.93.125	77	52.00
155.01.490	53	37.00	489.10.392	78	74.00	489.56.302	136	34.00	489.93.127	77	66.00
155.01.491	53	45.00	489.10.393	78	74.00	489.70.101	134	28.00	489.93.155	77	52.00
155.01.492	53	49.00	489.10.394	78	74.00	489.70.103	134	28.00	489.93.157	77	66.00
155.01.495	54	65.00	489.10.396	78	66.00	489.70.121	134	24.00	489.93.170	77	53.00
155.01.505	54	104.00	489.10.520	76	66.00	489.70.206	134	18.00	489.93.174	77	52.00
155.01.506	53	54.00	489.10.521	76	73.00	489.70.207	135	17.00	489.93.185	77	67.00
155.01.507	53	99.00	489.10.522	76	73.00	489.70.208	135	19.00	489.93.189	77	66.00
482.01.760	83	69.00	489.10.530	76	44.00	489.70.227	134	31.00	489.93.206	77	52.00
482.01.761	83	133.00	489.10.531	76	46.00	489.70.255	134	62.00	489.97.101	140	24.00
482.01.762	83	196.00	489.10.532	76	46.00	489.70.256	134	38.00	489.97.102	140	32.00
482.01.763	83	259.00	489.10.600	78	101.00	489.70.257	134	58.00	489.97.700	140	24.00
482.01.764	83	320.00	489.10.601	78	108.00	489.70.258	134	38.00	489.97.902	140	32.00
482.01.765	83	85.00	489.10.602	78	108.00	489.70.259	134	44.00	496.01.036	34	55.00
482.01.766	83	162.00	489.10.604	78	96.00	489.70.281	134	16.00	496.01.040	34	55.00
482.01.767	83	241.00	489.15.002	137	41.00	489.70.283	134	16.00	499.30.002	117	163.00
482.01.768	83	319.00	489.15.003	137	37.00	489.70.284	135	24.00	499.30.003	117	177.00
482.01.769	83	396.00	489.15.010	137	52.00	489.70.436	136	28.00	499.63.710	80	124.00
482.01.770	83	85.00	489.15.020	137	32.00	489.70.774	133	24.00	499.63.711	80	120.00
482.01.771	83	162.00	489.15.022	137	32.00	489.70.775	133	24.00	499.63.713	80	133.00
482.01.772	83	241.00	489.41.004	140	31.00	489.70.776	133	24.00	499.63.714	80	128.00
482.01.773	83	319.00	489.41.005	140	59.00	489.70.777	133	34.00	499.63.720	80	118.00
482.01.774	83	396.00	489.41.006	140	37.00	489.70.779	133	34.00	499.63.721	80	114.00
482.01.790	83	80.00	489.41.007	140	48.00	489.71.060	133	60.00	499.63.723	80	126.00
482.01.791	83	148.00	489.41.024	140	47.00	489.71.061	133	73.00	499.63.724	80	121.00
482.01.792	83	209.00	489.41.025	140	36.00	489.71.341	132	17.00	499.63.794	78	126.00
482.01.793	83	278.00	489.41.026	140	50.00	489.71.342	132	20.00	499.63.824	81	141.00
482.01.794	83	342.00	489.41.027	140	50.00	489.71.343	132	24.00	499.63.825	81	136.00
482.01.795	83	87.00	489.41.041	140	46.00	489.71.345	132	40.00	499.63.828	78	107.00
482.01.796	83	166.00	489.56.190	58	80.00	489.71.351	132	16.00	499.63.829	78	102.00
482.01.797	83	245.00	489.56.191	58	84.00	489.71.352	132	19.00	499.63.840	81	164.00
482.01.798	83	323.00	489.56.192	58	99.00	489.71.353	132	24.00	499.63.841	81	159.00
482.01.799	83	408.00	489.56.193	58	70.00	489.71.355	132	40.00	499.63.844	81	153.00
482.01.849	84	103.00	489.56.194	58	73.00	489.71.470	132	26.00	499.63.845	81	146.00
482.01.850	84	103.00	489.56.198	58	68.00	489.71.471	132	30.00	499.63.848	81	164.00
482.01.851	84	103.00	489.56.199	58	72.00	489.71.472	132	38.00	499.63.849	81	159.00
482.01.852	84	103.00	489.56.201	58	67.00	489.71.473	132	79.00	499.63.977	78	120.00
482.01.855	84	80.00	489.56.202	58	72.00	489.71.474	132	112.00	499.63.978	78	120.00
482.01.856	84	80.00	489.56.203	58	59.00	489.71.475	132	180.00	499.63.980	79	120.00
482.01.857	84	80.00	489.56.204	58	60.00	489.71.476	132	32.00	499.63.981	79	120.00
482.01.858	84	80.00	489.56.205	58	67.00	489.71.477	132	35.00	499.63.983	79	126.00
482.01.859	84	99.00	489.56.207	58	60.00	489.71.477	132	44.00	499.63.984	79	126.00
402.01.009	04	33.00	409.00.207	00	00.00		102	44.00	+33.00.304	13	120.00



Art No.	Page No	Price (RM)	Art No.	Page No	Price (RM)	Art No.	Page No	Price (RM)	Art No.	Page No	Price (RM)
499.63.986	79	126.00	901.99.569	27	940.00	903.08.350	29	446.00	903.78.584	15	325.00
499.63.987	79	126.00	901.99.570	28	940.00	903.08.360	29	607.00	903.78.586	15	325.00
499.63.989	80	126.00	901.99.572	27	940.00	903.08.390	30	355.00	903.92.623	20	365.00
499.63.990	80	126.00	901.99.575	28	940.00	903.08.400	30	433.00	903.99.342	15	339.00
499.63.992	79	126.00	901.99.579	28	940.00	903.08.410	30	590.00	903.99.343	15	401.00
499.63.993	79	126.00	901.99.580	28	940.00	903.08.440	53	16.00	903.99.344	15	339.00
499.65.105	51	113.00	901.99.587	28	940.00	903.08.450	55	34.00	903.99.345	15	401.00
499.65.106	51	126.00	902.01.100	54	236.00	903.08.751	167	97.00	904.00.010	157	410.00
499.65.107	51	131.00	902.01.103	54	330.00	903.08.840	31	39.00	904.00.011	157	390.00
499.65.108	51	108.00	902.01.107	54	317.00	903.08.850	31	42.00	904.00.020	157	403.00
499.65.127	55	83.00	902.01.108	54	251.00	903.08.860	29	277.00	904.00.021	157	371.00
499.65.128	55	121.00	902.01.110	55	176.00	903.08.863	29	404.00	904.00.023	157	734.00
499.80.040	60	25.00	902.01.113	55	192.00	903.08.870	29	390.00	904.00.123	157	462.00
499.80.042	60	27.00	902.01.117	55	192.00	903.08.873	29	489.00	905.01.100	32	927.00
	60	27.00	902.01.118	55	200.00	903.08.880	29	555.00	905.01.101	32	781.00
499.80.045	60	25.00	902.01.120	54	245.00	903.08.883	29	657.00	905.01.110	32	686.00
499.80.046	60	25.00	902.01.127	54	330.00	903.08.933	29	481.00	905.01.111	32	630.00
499.81.003	143	171.00	902.01.128	54	330.00	903.08.943	29	565.00	905.01.113	32	744.00
499.81.013	143	171.00	902.30.222	153	90.00	903.08.953	29	730.00	905.01.120	32	1,168.00
499.81.021	144	99.00	902.30.232	153	124.00	903.08.990	167	83.00	905.01.121	32	907.00
499.81.022	144	102.00	902.30.242	153	84.00	903.09.530	30	315.00	905.01.124	32	1,221.00
499.81.023	144	171.00	902.30.292	153	140.00	903.09.540	30	355.00	905.01.130	32	718.00
499.81.063	144	275.00	902.30.370	153	204.00	903.09.550	30	472.00	905.01.131	32	687.00
499.81.106	144	227.00	902.30.372	153	140.00	903.09.560	30	562.00	905.01.133	32	786.00
900.92.455	23	889.00	902.30.660	154	140.00	903.10.310	52	856.00	905.01.140	157	521.00
900.92.459	23	920.00	902.30.671	154	156.00	903.10.313	52	856.00	905.01.141	157	466.00
900.92.460	24	876.00	902.52.944	60	37.00	903.10.332	52	701.00	905.01.144	157	934.00
900.92.468	24	860.00	902.53.204	19	187.00	903.10.333	52	701.00	905.01.150	157	699.00
900.92.476	25	814.00	902.53.206	19	288.00	903.11.210	55	413.00	905.01.151	157	626.00
900.92.480	25	1,041.00	902.53.208	19	195.00	903.11.620	55	33.00	905.01.154	157	730.00
900.92.488	26	1,060.00	902.58.117	19		903.11.720	29	869.00	905.01.160	157	332.00
900.92.491	20	461.00	903.03.014	73	2,127.00	903.11.730	29	1,088.00	905.01.161	157	315.00
900.92.496	21	461.00	903.03.016	73	2,805.00	903.11.770	29	731.00	905.01.164	157	348.00
900.92.498	21	465.00	903.03.674	33	2,971.00	903.11.780	29	873.00	905.01.170	157	477.00
900.92.503	22	494.00	903.03.684	33	2,971.00	903.58.082	60	75.00	905.01.171	157	462.00
900.92.509	22	494.00	903.03.911	167	279.00	903.78.153	16	325.00	905.01.174	157	498.00
900.99.414	27	1,571.00	903.03.915	167	293.00	903.78.154	16	264.00	905.01.183	32	877.00
901.02.400	71	454.00	903.08.230	30	268.00	903.78.158	16	315.00	909.00.891	47	13.00
901.02.401	71	355.00	903.08.240	30	378.00	903.78.193	17	81.00	909.00.926	34	47.00
901.02.449	73	1,407.00	903.08.250	30	405.00	903.78.194	17	81.00	909.00.927	34	37.00
901.02.459	73	3,106.00	903.08.260	30	606.00	903.78.195	17	81.00	909.00.942	34	35.00
901.02.780	72	591.00	903.08.300	31	144.00	903.78.196	17	117.00	909.00.946	46	35.00
901.02.781	72	355.00	903.08.301	31	144.00	903.78.197	17	81.00	909.09.907	74	16.00
901.02.782	71	1,154.00	903.08.310	31	199.00	903.78.198	17	114.00	909.40.500	47	5.00
901.02.783	72	1,154.00	903.08.311	31	181.00	903.78.199	18	79.00	909.40.501	47	4.00
901.78.282	27	1,192.00	903.08.320	31	285.00	903.78.200	18	79.00	909.40.502	47	6.00
901.78.289	27	1,040.00	903.08.321	31	277.00	903.78.201	18	117.00	909.46.025	47	26.00
901.78.294	27	1,095.00	903.08.330	31	395.00	903.78.202	18	117.00	909.46.028	47	27.00
901.79.661	52	2,054.00	903.08.331	31	384.00	903.78.581	18	133.00	909.46.030	47	28.00
901.79.662	52	2,054.00	903.08.340	29	366.00	903.78.582	18	137.00	909.46.031	47	18.00

#### FURNITURE FITTINGS

Art No.	Page No	Price (RM)	Art No.	Page No	Price (RM)	Art No.	Page No	Price (RM)	Art No.	Page No	Price (RM)
909.46.035	47	33.00	911.52.639	69	905.00	924.17.104	101	1,058.00	926.98.108	94	66.00
909.46.060	46	71.00	911.56.020	70	564.00	924.17.121	101	818.00	926.98.110	94	51.00
909.46.061	46	59.00	911.56.024	70	142.00	924.17.137	101	984.00	926.98.113	94	78.00
909.46.106	47	51.00	911.56.036	69	2,070.00	924.17.192	107	147.00	926.98.118	94	108.00
909.46.107	47	56.00	911.56.037	69	4,286.00	924.17.199	108	299.00	926.98.130	94	77.00
909.46.108	47	63.00	911.56.038	70	979.00	924.17.223	102	1,246.00	926.98.133	94	78.00
909.83.711	47	128.00	911.56.065	69	1,892.00	924.17.225	102	1,584.00	926.98.138	94	74.00
911.02.145	44	134.00	911.59.046	137	113.00	924.17.229	102		926.98.140	94	92.00
911.02.157	45	134.00	911.59.425	138	130.00	924.17.298	107	147.00	926.98.143	94	91.00
911.02.791	42	84.00	911.59.458	137	50.00	924.17.299	108	299.00	926.98.148	94	81.00
911.02.793	43	167.00	911.59.459	137	61.00	924.17.323	103	1,741.00	927.01.070	96	300.00
911.02.794	43	167.00	911.62.304	132	146.00	924.17.325	103	2,150.00	927.01.170	96	342.00
911.02.795	42	84.00	911.62.670	230	250.00	924.17.423	105	1,676.00	927.01.270	96	504.00
911.02.796	43	167.00	911.62.671	230	380.00	924.17.425	105	2,114.00	927.01.370	96	693.00
911.02.797	43	84.00	911.64.298	77	23.00	924.17.498	107	158.00	927.04.004	98	181.00
911.09.510	42	84.00	911.64.302	77	26.00	924.17.499	108	392.00	927.04.014	98	181.00
911.22.406	46	93.00	911.68.254	48	261.00	924.17.523	104	1,844.00	927.54.000	95	
911.22.596	76	63.00	911.68.303	48	403.00	924.17.525	104	2,716.00	927.54.090	95	800.00
911.22.771	45	91.00	911.68.390	48	900.00	924.17.573	104		927.54.141	95	28.00
911.23.172	46	71.00	911.68.391	48	1,031.00	924.17.799	108	299.00	927.54.180	95	40.00
911.23.615	45	109.00	911.68.392	48	1,007.00	924.17.899	108	392.00	927.54.200	95	4,645.00
911.23.670	42	84.00	911.68.393	48	2,771.00	924.19.000	106		927.91.606	99	506.00
911.24.100	44	97.00	911.77.280	45	145.00	924.19.004	106	4,751.00	927.91.624	100	1,532.00
911.24.101	44	97.00	911.77.281	45	241.00	924.19.537	104	2,323.00	927.91.633	99	1,014.00
911.24.110	44	131.00	911.77.518	44	82.00	924.19.550	104		927.91.636	99	707.00
911.24.111	42	131.00	911.78.945	77	69.00	924.19.580	104		927.91.646	100	2,630.00
911.25.100	44	370.00	911.81.165	132	82.00	926.13.503	95		931.10.601	120	4,597.00
911.26.238	50	124.00	911.81.166	132	55.00	926.13.603	95		931.10.607	120	4,500.00
911.26.239	50	135.00	911.81.167	132	57.00	926.13.903	94	93.00	931.10.609	120	3,719.00
911.26.522	51	482.00	911.81.168	132	97.00	926.35.003	95	112.00	931.10.611	120	5,111.00
911.26.523	51	489.00	911.83.224	77	47.00	926.65.070	93	31.00	931.10.617	120	5,012.00
911.26.710	50	152.00	911.83.225	77	45.00	926.65.071	93	62.00	931.10.619	120	4,232.00
911.26.865	49	49.00	916.09.989	59	45.00	926.65.082	93	55.00	931.16.571	120	2,512.00
911.26.870	49	66.00	916.63.907	59	6.00	926.65.083	93	19.00	931.16.577	120	2,421.00
911.26.871	49	66.00	916.63.908	59	6.00	926.65.100	93	42.00	931.16.579	120	2,470.00
911.26.872	49	72.00	916.63.909	59	6.00	926.65.101	93	21.00	931.16.581	120	3,638.00
911.26.873	49	72.00	916.64.230	57	67.00	926.65.110	93	56.00	931.16.587	120	3,373.00
911.26.875	49	49.00	916.64.231	57	72.00	926.65.111	93	30.00	931.16.589	120	3,041.00
911.26.877	49	53.00	916.64.232	57	81.00	926.65.120	94	38.00	931.65.960	124	101.00
911.27.008	51	197.00	916.64.233	57	93.00	926.76.500	93	32.00	931.84.033	122	1,746.00
911.27.018	51	200.00	916.64.237	57	69.00	926.76.510	93	19.00	931.84.039	122	1,173.00
911.27.325	51	126.00	916.64.240	57	60.00	926.98.040	94	66.00	931.84.043	123	1,372.00
911.39.013	154	61.00	916.64.241	57	67.00	926.98.043	94	112.00	931.84.049	123	753.00
911.39.322	154	84.00	916.64.250	57	60.00	926.98.048	94	108.00	931.84.059	123	1,006.00
911.39.694	138	21.00	916.64.255	57	60.00	926.98.060	94	50.00	931.84.092	124	115.00
911.52.113	74	701.00	916.64.260	57	60.00	926.98.090	94	46.00	931.84.097	124	80.00
911.52.114	74	566.00	916.64.261	57	67.00	926.98.093	94	70.00	931.84.099	124	102.00
911.52.116	74	145.00	916.80.002	59	213.00	926.98.098	94	70.00	931.84.129	118	1,306.00
911.52.117	74	114.00	916.95.699	59	7.00	926.98.100	94	82.00	931.84.209	122	877.00
911.52.610	70	404.00	916.95.900	59	6.00	926.98.103	94	66.00	931.84.219	122	899.00



Art No.	Page No	Price (RM)	Art No.	Page No	Price (RM)	Art No.	Page No	Price (RM)	Art No.	Page No	Price (RM)
931.84.233	122	1,710.00	932.86.920	127	1,274.00	940.43.066	182	24.00	940.82.075	209	78.00
931.84.269	122	1,140.00	937.12.800	135	61.00	940.43.120	182	239.00	940.82.076	209	81.00
931.84.273	123	1,395.00	937.13.553	135	108.00	940.43.130	182	357.00	940.82.077	209	57.00
931.84.279	123	793.00	937.13.560	136	76.00	940.43.160	182	444.00	940.82.078	209	57.00
931.84.339	123	831.00	937.13.570	136	72.00	940.43.220	182	325.00	940.82.079	209	73.00
931.84.488	117	637.00	937.55.100	135	60.00	940.43.230	182	462.00	940.82.270	174	641.00
931.84.489	117	791.00	937.55.103	135	83.00	940.43.260	182	927.00	940.82.276	204	1,484.00
931.84.629	117	807.00	937.55.140	135	27.00	940.43.280	197	1,206.00	940.82.277	174	462.00
931.84.639	117	917.00	937.55.143	135	44.00	940.43.281	197	1,372.00	940.82.278	174	578.00
931.84.660	118	1,376.00	940.42.030	182	28.00	940.43.282	197	1,656.00	940.82.279	174	651.00
931.84.663	118	1,671.00	940.42.031	182	4.00	940.43.291	197	1,514.00	940.82.280	174	814.00
931.84.668	118	1,495.00	940.42.032	187	16.00	940.43.292	197	1,852.00	940.82.281	174	921.00
931.84.669	118	1,027.00	940.42.035	182	293.00	940.43.293	197	2,209.00	940.82.282	174	1,150.00
931.84.769	119	2,277.00	940.42.038	197	10.00	940.43.294	197	1,628.00	940.82.283	174	397.00
931.84.819	119	1,826.00	940.42.050	182	30.00	940.43.295	197	2,028.00	940.82.284	174	507.00
931.84.820	118	1,497.00	940.42.051	182	46.00	940.43.296	197	2,445.00	940.83.005	180	205.00
931.84.823	118	1,823.00	940.42.052	182	50.00	940.43.297	197	1,829.00	940.83.006	180	517.00
931.84.828	118	2,787.00	940.42.061	180	8.00	940.43.298	197	2,243.00	940.83.034	206	480.00
931.84.829	118	902.00	940.42.064	180	207.00	940.43.299	197	2,657.00	940.83.035	200	884.00
931.89.089	116	104.00	940.42.065	180	524.00	940.43.410	206	82.00	940.83.053	191	574.00
931.89.099	116	113.00	940.42.070	184	53.00	940.43.411	200	161.00	940.83.054	191	1,057.00
931.89.109	116	129.00	940.42.070	184	53.00	940.43.411	200	234.00	940.83.300	180	283.00
931.89.119	116	136.00	940.42.071	184	53.00		200	90.00	941.02.005	210	707.00
		163.00				940.43.455					251.00
931.89.129	116		940.42.075	191	30.00	940.43.620	193	178.00	941.02.036	180	
931.89.139	116	202.00	940.42.201	220	38.00	940.43.630	193	282.00	941.02.037	180	551.00
931.97.902	124	404.00	940.42.301	220	71.00	940.43.660	193	533.00	941.02.300	180	294.00
932.10.061	127	4,795.00	940.42.304	180	276.00	940.44.001	185	38.00	941.25.014	206	609.00
932.10.140	127	427.00	940.42.310	184	94.00	940.44.002	183	638.00	941.25.015	206	949.00
932.10.200	128	626.00	940.42.311	184	99.00	940.44.004	191	500.00	941.25.040	193	24.00
932.10.270	129	159.00	940.42.312	184	99.00	940.44.005	191	951.00	941.25.042	193	25.00
932.10.310	129	596.00	940.42.401	220	105.00	940.44.030	206	480.00	941.25.043	209	48.00
932.10.400	128	1,112.00	940.42.420	197	353.00	940.44.031	206	884.00	941.25.044	191	585.00
932.10.410	128	224.00	940.42.421	197	435.00	940.44.074	183	247.00	941.25.045	191	1,192.00
932.10.420	128	1,546.00	940.42.422	197	521.00	940.44.210	212	98.00	941.25.620	193	131.00
932.10.509	128	494.00	940.42.430	197	501.00	940.44.410	212	51.00	941.25.630	193	197.00
932.10.519	128	494.00	940.42.431	197	619.00	940.59.008	172	2,105.00	941.25.660	193	394.00
932.10.529	128	1,102.00	940.42.432	197	741.00	940.59.009	172	2,240.00	941.25.720	209	305.00
932.10.579	129	138.00	940.42.601	220	138.00	940.59.010	202	6,033.00	941.25.730	209	426.00
932.10.589	128	126.00	940.42.602	187	263.00	940.59.011	202	6,335.00	941.25.760	209	851.00
932.10.601	127	727.00	940.43.020	187	48.00	940.59.012	202	6,411.00	941.31.000	176	10,873.00
932.10.602	127	276.00	940.43.025	182	30.00	940.59.013	202	6,788.00	941.31.001	176	11,360.00
932.10.700	129	410.00	940.43.030	182	39.00	940.59.802	172	268.00	941.31.002	176	11,707.00
932.10.703	129	1,232.00	940.43.031	182	42.00	940.59.803	172	402.00	941.31.003	176	12,018.00
932.10.705	129	410.00	940.43.032	207	8.00	940.59.812	172	263.00	941.32.004	178	1,079.00
932.10.706	129	422.00	940.43.040	206	308.00	940.59.813	172	420.00	941.32.410	178	282.00
932.10.707	129	908.00	940.43.041	206	326.00	940.60.420	180	79.00	941.62.009	187	252.00
932.77.090	126	88.00	940.43.042	206	604.00	940.60.425	180	97.00	941.62.020	189	47.00
932.79.030	126	409.00	940.43.043	206	580.00	940.60.430	180	109.00	941.62.030	216	1,661.00
932.79.040	126	440.00	940.43.044	206	863.00	940.60.440	180	146.00	941.62.031	216	1,803.00
932.79.090	126	72.00	940.43.045	206	838.00	940.60.460	180	219.00	941.62.202	216	83.00

#### FURNITURE FITTINGS

Art No.	Page No	Price (RM)	Art No.	Page No	Price (RM)	Art No.	Page No	Price (RM)	Art No.	Page No	Price (RM)
941.62.404	216	187.00	943.34.068	227	2,345.00	981.00.660	144	139.00	981.52.520	156	299.00
941.62.405	216	283.00	943.34.096	227	4,646.00	981.00.663	144	139.00	981.52.521	156	209.00
941.62.406	216	564.00	943.34.097	227	886.00	981.00.666	144	71.00	981.52.523	156	376.00
941.62.407	216	219.00	943.34.133	227	886.00	981.02.081	161	310.00	981.52.530	156	217.00
941.62.408	216	256.00	943.34.149	227	408.00	981.02.083	161	430.00	981.52.531	156	245.00
941.62.409	216	200.00	943.34.158	227	307.00	981.02.091	165	145.00	981.52.533	156	330.00
941.62.410	216	265.00	943.34.182	227	285.00	981.02.093	165	242.00	981.52.570	156	227.00
941.62.411	216	46.00	943.34.280	229	2,691.00	981.02.243	162	151.00	981.52.571	156	279.00
941.62.412	216	34.00	943.34.282	229	1,008.00	981.02.244	162	96.00	981.52.573	156	292.00
941.62.413	216	51.00	943.34.284	229	3,502.00	981.02.253	162	160.00	981.52.580	156	251.00
941.62.414	216	59.00	943.34.286	229	5,323.00	981.02.254	162	105.00	981.52.581	156	297.00
941.62.415	218	52.00	943.34.288	229	504.00	981.02.263	164	213.00	981.52.583	156	373.00
941.62.416	187	26.00	943.34.296	229	483.00	981.02.264	164	146.00	981.52.816	168	465.00
941.62.603	189	509.00	943.34.298	229	2,105.00	981.02.273	165	213.00	981.52.838	155	863.00
941.62.606	189	1,018.00	943.34.920	228	417.00	981.02.274	165	145.00	981.52.900	166	286.00
941.62.721	187	132.00	943.34.930	228	623.00	981.09.101	145	1,757.00	981.52.901	166	122.00
941.62.731	187	197.00	943.34.940	228	831.00	981.09.111	146	2.074.00	981.52.902	166	88.00
	187	394.00		230		981.09.111	146	,	981.52.902		104.00
941.62.761			943.34.941		2,612.00			2,554.00		166	
942.35.400	185	10.00	943.34.942	230	1,743.00	981.09.141	145	1,914.00	981.52.904	166	73.00
942.61.000	199	2,645.00	943.34.960	228	1,039.00	981.12.040	155	458.00	981.52.906	166	679.00
942.61.080	199	209.00	943.34.961	230	3,774.00	981.12.041	155	458.00	981.76.200	160	114.00
942.61.081	199	651.00	943.34.962	230	2,614.00	981.12.060	133	458.00	981.76.203	160	170.00
942.61.082	199	182.00	950.05.340	141	216.00	981.12.061	133	TBA	981.77.000	167	795.00
942.61.083	199	668.00	950.05.341	141	222.00	981.49.042	147	8,061.00	981.77.001	167	798.00
942.61.084	199	140.00	950.05.342	141	229.00	981.49.052	147	9,538.00	981.77.002	167	827.00
942.61.085	199	168.00	950.05.343	141	255.00	981.49.100	151	1,950.00	981.77.003	168	913.00
942.61.086	199	231.00	950.05.344	141	302.00	981.49.106	151	3,054.00	981.77.004	168	945.00
942.61.087	199	226.00	950.05.345	141	242.00	981.49.110	151	1,950.00	981.77.005	168	1,005.00
942.61.860	199	529.00	950.05.961	141	216.00	981.49.116	151	3,040.00	981.77.006	168	365.00
942.61.899	199	146.00	950.05.962	141	235.00	981.49.301	154	425.00	981.77.008	167	1,037.00
942.61.960	199	1,802.00	950.05.963	141	286.00	981.49.440	152	936.00	981.77.009	167	1,038.00
942.61.999	199	309.00	950.05.964	141	248.00	981.49.480	151	1,152.00	981.77.010	167	1,111.00
943.10.013	220	272.00	950.05.965	141	242.00	981.49.490	151	1,664.00	981.77.011	168	1,329.00
943.10.014	220	403.00	950.06.201	228	27.00	981.49.520	152	783.00	981.77.012	168	1,399.00
943.10.016	220	569.00	950.06.207	228	16.00	981.49.910	155	1,368.00	981.77.013	168	867.00
943.10.032	222	222.00	950.06.291	228	15.00	981.50.010	143	71.00	981.77.014	168	257.00
943.33.120	228	326.00	950.06.500	169	434.00	981.50.020	143	71.00	981.91.920	130	1,504.00
943.33.130	228	490.00	950.06.590	169	57.00	981.50.030	144	139.00	981.91.921	130	1,561.00
943.33.140	228	744.00	950.06.620	169	27.00	981.50.040	144	139.00	982.50.000	141	1,890.00
943.33.160	228	966.00	950.06.650	169	66.00	981.50.050	144	71.00	982.50.001	141	1,984.00
943.33.720	228	73.00	950.06.680	169	65.00	981.51.003	161	430.00	987.49.000	31	65.00
943.33.730	228	118.00	950.06.710	169	47.00	981.51.004	161	346.00	987.49.010	31	94.00
943.33.740	228	142.00	950.06.711	228	37.00	981.51.013	163	699.00			
943.33.760	228	231.00	950.06.717	228	4,574.00	981.51.014	163	552.00			
943.33.920	228	206.00	950.10.262	140	308.00	981.51.021	163	459.00			
943.33.930	228	326.00	959.00.134	136	41.00	981.51.023	163	666.00			
943.33.940	228	393.00	959.00.138	136	40.00	981.51.031	164	517.00			
943.33.960	228	570.00	981.00.080	126	28.00	981.51.033	164	728.00			
943.34.004	227	1,326.00	981.00.654	143	71.00	981.52.200	155	500.00			
943.34.048	227	2,408.00	981.00.657	143	71.00	981.52.311	166	79.00			
0.0.04.040	<u> </u>	2,100.00	001.00.007	140	11.00	001.02.011	100	10.00			



HOME APPLIANCES ARCHITECTURAL HARDWARE





# Häfele Malaysia Sdn. Bhd.

# **KL Head Office**

No. 18, Jalan Juruhebah U1/50 Seksyen U1, Temasya Industrial Park, 40150 Shah Alam, Selangor, Malayisa Phone: +603 5569 2526 | Fax: +603 5569 3526 | Email: info@hafele.com.my

# **KL Design Centre**

No. 42, Jalan SS21/1, Damansara Utama, 47400 Petaling Jaya, Selangor, Malaysia Phone: +603 7733 4526 / 7733 6526 | Fax: +603 7733 3526 | Email: info@hafele.com.my

hafele.com.my



732.98.031 - OCT 2022