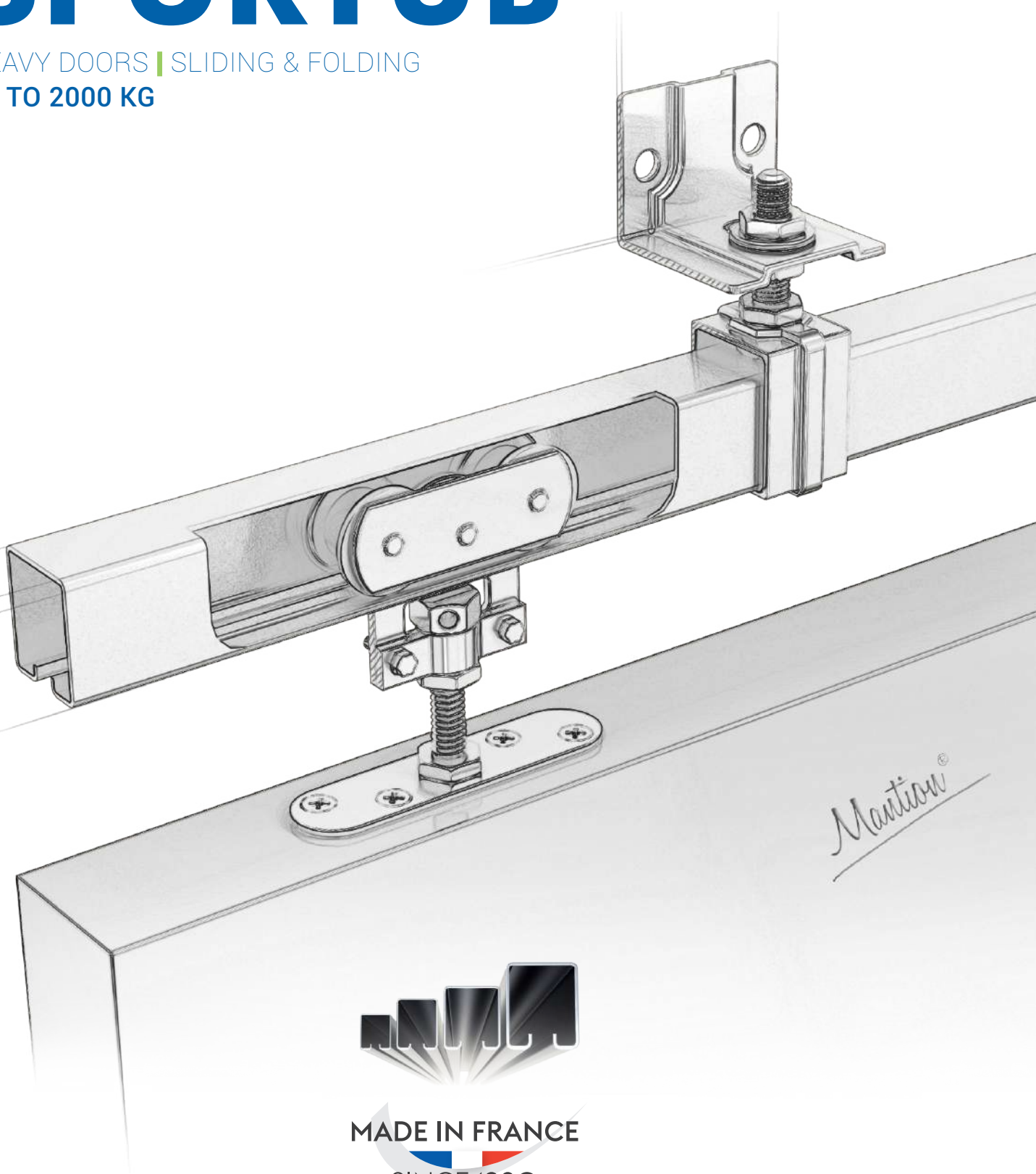


214

SPORTUB

HEAVY DOORS | SLIDING & FOLDING
80 TO 2000 KG



MADE IN FRANCE
SINCE 1920



MANTION

DESIGNER & MANUFACTURER

sliding systems

since 1920 w

For over a century, the MANTION® group has been developing by designing, manufacturing and selling sliding fittings for the building industry. Recognized today as one of the global leaders in our market, we always strive to anticipate and provide reliable and easy-to-use solutions for customer's private and professional environment.

MANTION enjoys an international reputation based on :

- **Innovation and the constant adaptation** of its products to needs of its customers.
- **The quality of its products**, which comply with the most stringent market standards.

MANTION know-how is above all :

- Its team: men and women with proven expertise who do their utmost to provide you with the best service, **the best service every day.**
- A policy of continuous investment combined with the use of the **latest technologies.**

A PASSION FOR THE PRODUCT:

MANTION is located in Franche-Comté, a region of France historically very industrial and renowned for its mechanical precision watchmaking. Our teams are strongly influenced by this culture, who are constantly striving for excellence and technical innovation.



THE SPECIALIST FOR

SLIDING SYSTEMS

DESIGNER & MANUFACTURER
SLIDING SYSTEMS
SINCE 1920

MADE IN FRANCE
SINCE 1920



QUALITY TRACKS

MANTION manufactures its tracks at its Besançon plant, using its own processes, to ensure optimum durability and reliability of its hardware systems.



Group **MANTION** devotes **a significant proportion of its sales to innovation** each year, and a significant proportion of its **employees are dedicated to R&D**.

The **MANTION** group backs up this investment with a policy of international patent registration.

This policy of innovation enables the group to **regularly bring innovative products to the market, that anticipate needs or market expectations**.

CSR CHARTER



SOCIAL



ENVIRONMENTAL



ECONOMIC

At MANTION, we firmly believe that our success is measured not only by our economic performance, but also by our commitment to social and environmental responsibility. As a family-run business, we have always put **people and the environment at the heart of our concerns**. With this in mind, we have drawn up our **CSR Charter**, a document that reflects our values, our commitments and our vision for a sustainable future. Our CSR Charter is based on several fundamental pillars:

■ Environmental commitment:

We are committed to reducing our ecological footprint through sustainable practices and green innovation. We firmly believe that every gesture counts, and that we all have a role to play in protecting our planet. Our ISO 14001 certification attests to our rigorous management of the environmental impacts associated with our activities.

■ Quality and certifications:

Our commitment to quality is reflected in our product range, which meets the most stringent standards. Our ISO 9001 certification guarantees effective quality management and continuous process improvement.

■ Quality of life and working conditions:

We strive to provide an inclusive, respectful and fulfilling working environment for all our employees. We strive to create an environment where everyone can flourish.

■ Corporate responsibility:

We actively support local initiatives and community projects that contribute to the well-being of society. As a local player, we are committed to contributing to the development and prosperity of our region.

■ Ethics and governance:

We advocate transparent, ethical and responsible management, respecting and participating in the development of the standards and regulations in force. Our integrity is the cornerstone of our reputation and success.

MANTION is committed to continuing and strengthening its CSR actions, while respecting its historic values and its commitment to a sustainable future.

We will continue to innovate and adapt to meet the expectations of our stakeholders while contributing to a better world.



SUMMARY

06



SLIDING SYSTEMS

for **STRAIGHT** sliding doors

10

Series 200 & 2200 for doors from 80 to 2000 kg - **STEEL TRACK SPORTUB**

34

SPORT for doors up to 700 kg - **FLAT TRACK**

36

STARAL for doors from 60 to 600 kg - **ALUMINIUM TRACK**

38

HERCULE INOX for doors from 60 to 600 kg - **STAINLESS STEEL TRACK**

06

STRAIGHT SLIDING

40

LATERAL

50

ENDFOLD

56

CENTREFOLD

60

ACCESSORIES

40



SLIDING SYSTEMS

for **LATERAL** sliding doors

42

Series 300 for panels from 30 to 200 kg

46

Series BOB for panels up to 100 kg max.

50



SLIDING/FOLDING SYSTEMS ENDFOLD SYSTEM

50

Series 500 for panels from 30 to 200 kg

56



SLIDING/FOLDING SYSTEMS CENTREFOLD SYSTEM

56

Series 600 for panels from 30 to 200 kg

60



ACCESSORIES

60

Stops and locks

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Handles, locks and brushes

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Low guides

63

High guides, racks

VARIOUS

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Index

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MANTION is also..

THE STANDARD

The European standard **NF EN 1527 AUGUST 2019** (extract from the standard):
A guarantee of transparency on the actual performance of sliding door hardware.

Simple and effective: by specifying product characteristics in accordance with this standard, you can avoid the pitfalls of misleading sales arguments, and avoid the risks of hard sliding, jamming or premature breakage.

What does the extract from standard NF EN 1527 AOUT 2019 say about sliding door fittings?

It defines **the objective criteria for qualifying an inseparable set of sliding door fittings** (tracks, supports, rollers, brackets,, stops and guides)

- Corrosion resistance (resistance to salt spray)
- Initial friction (initial max. force required to open and close the panels)
- Durability (number of cycles)
- Overload testing
- Durability of limit stopper systems
- Guiding resistance

It determines the conditions in which the tests have to be made.

This allows an easy and real comparison between different competing products:

- Door under 200 kg: Height: 2 m. & stroke: 0.80 m. ou Height: 2 m. & stroke: 2 m.
- Door over 200 kg: Height: 2 m. & stroke: 2 m.

all our tests for doors weighing less than 120 kg were carried out on a portal frame: Height: 2 m. & stroke 0.80 m.

MADE IN FRANCE
SINCE 1920



This warranty applies within the limit of a number of cycles specific to each range and the conditions of installation and use available on :

www.MANTION.com

MANTION is certified compliant with the requirements of the following standards in order to provide you with the best possible service, both in terms of its products and its organization.

EN ISO 9001 : 2015

EN ISO 14001 :

ISO 9001
ISO 14001



2015

EXCLUSIVITY
MANTION

To help you in your choice, MANTION has created an **exclusive label**, with a grade rating system, so you can see at a glance the quality of our products.

INITIAL FRICTION [F]

	GRADE 1	GRADE 2	GRADE 3
Door from 0 to 50 Kg	50 N*	30 N*	10 N*
Door from 51 to 100 Kg	80 N*	50 N*	20 N*
Door from 101 to 200 Kg	90 N*	60 N*	30 N*
Door over 201 Kg	5 %**	3 %**	2 %**

* (10 N): 10 newton correspond to a force of approx. 982 g to start movement of panel ** Percentage of the mass

Measured outside the range of action of door-closing dampers and active stops

FRICTION



DURABILITY [D]

GRADE 1	GRADE 2	GRADE 3	GRADE 4	GRADE 5	GRADE 6
5 000 cycles	10 000 cycles	25 000 cycles	50 000 cycles	75 000 cycles	100 000 cycles

Number of cycles

DURABILITY



MANTION certifies the performance of its fittings for sliding doors and gives you the guaranty of **high quality products**. The different **MANTION** products have been **designed, produced and tested** to be used together. In order to avoid any technical problem or early use of fittings, require **MANTION** products.

This commitment applies to complete assemblies, an essential condition for compliance with the EN1527 standard: **MANTION** tracks, rollers, brackets,, stops and guides.

GUARANTEE



MANTION® 12 years*
guarantees
the correct operation of its sliding systems

* This guarantee only applies to a number of cycles defined by our product range, installation instructions and conditions that can be found on our web site www.mantion.com

PLAY IT SAFE!
INSTALL SETS



&



TRACKS
original

+



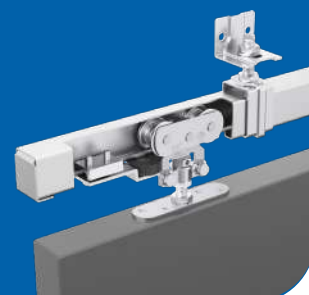
ROLLERS
original

+



ACCESSORIES
original

a **SPORTUB®**
installation to
STANDARDS
&
GUARANTEE



ZINC MAGNESIUM



MANTION tracks have the best surface
treatment on the market:
Zinc Magnesium (ZM)

- The best corrosion resistance (up to 10 times better than galvanised steel)
- The best protection in particularly aggressive environments

comparative salt spray* test
thickness: 20 µm



AGalvanised steel
standard' profiles
after 6 weeks



Zinc Magnesium
MANTION profiles
after 34 weeks

Number of hours before appearance of 5% red rust

Corrosion resistance by salt spray test (average)
ZM: > 200 h/µm - Aluzinc®: + 100 h/µm - ZA: + 25 h/µm
Hot-dip galvanised: + 8-10 h/µm

Self-repairing protection
of the Zinc Magnesium wafers
thickness 2 mm



6 months
(galvanised steel)
30-40% red rust
60% white rust



16months
(Zinc Magnesium)
10% red rust
70% white rust

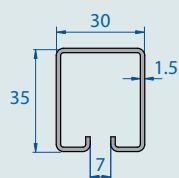
Outdoor exhibition in Brest (in real conditions)
CS5-M marine category - French Corrosion Institute

* Standardised laboratory tests



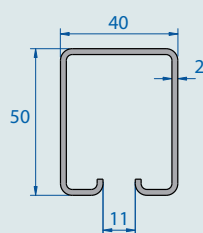
3530

100 000 cycles
doors up to
80 Kg



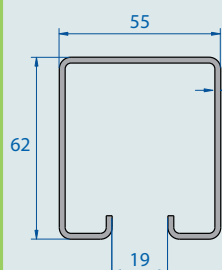
5040

100 000 cycles
doors up to
150 Kg



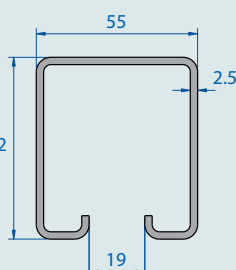
6255GE

10 000 cycles
doors up to
400 Kg



6255

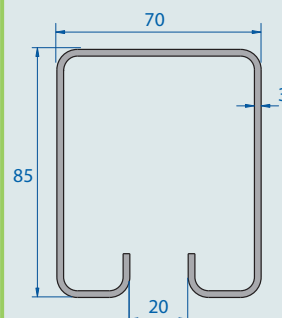
100 000 cycles
doors up to
400 Kg



NEW

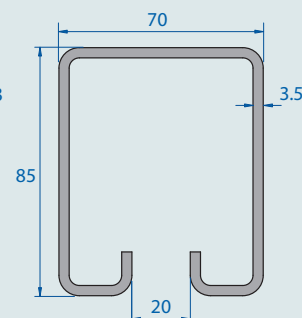
8570GE

10 000 cycles
doors up to
800 Kg



8570

100 000 cycles
doors up to
2000 Kg





SLIDING SYSTEMS

STRAIGHT sliding doors



MADE IN FRANCE
SINCE 1920

EN1527

08 Series 200 & 2200 Track **SPORTUB**

- 10-11** SELECTION AID - PRACTICAL GUIDE
- 12-15** FOR DOORS UP TO 80 KG - 3530
- 16-19** FOR DOORS UP TO 150 KG - 5040
- 20-23** FOR DOORS UP TO 400 KG - 6255
- 24-27** FOR DOORS UP TO 2000 KG - 8570
- 28-29** SPORTUB SETS FOR DOORS UP TO 80 KG - 3530
- 30-31** SPORTUB SETS FOR DOORS UP TO 150 KG - 5040
- 32-33** SEALING KITS

34 **SPORT** **FLAT** track

FOR DOORS UP TO 700 KG

36 **STARAL** **ALUMINIUM** track

FOR DOORS UP TO 600 KG

38 **HERCULE INOX** **STAINLESS STEEL** track

FOR DOORS UP TO 600 KG



Ornamental cap

It is positioned at each end of the rail to protect the inside of the rail



SPORTUB® track

Profiled in our factory, spelling of ZINC MANGENESIUM (chrome-free).
Red rust salt spray resistance: 800 h! 12-year guarantee



Roller

There are different types of mountings:

- steel or Delrin rollers
- rollers mounted on roller cages or ball bearings
- edge or flat mounting
- collar or swan-neck mount

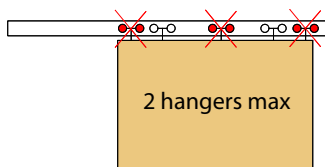


Plate (fixing the rollers to the door)

- To be fixed to the flat or edge of the door
- For screwing or welding

Track stop

It is positioned at each end of the track to stop the door in the desired position



Handle

There should be 2 handles, one at each end

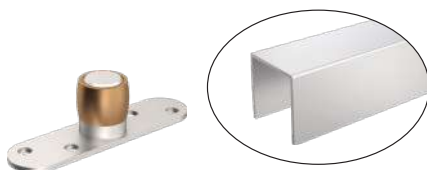
Door stopper

A door must stop when opening and closing. Depending on the weight of the door, position 1 or 2 stops on each side



Guiding

It is essential to ensure good wind resistance and smooth door operation



Bracket (track fixing)

There are different types of brackets:
- wall mounting or ceiling
- with or without adjustment

Jointing bracket

For connecting 2 tracks



Bolt

versions weld-on or screw-on



PRACTICAL GUIDE TO SELECT THE COMPONENTS FOR YOUR SLIDING DOOR

MADE IN FRANCE
SINCE 1920

SPORTUB®

	p.12	p.16	p.20	p.24
WEIGHT OF THE DOOR	80 Kg _{max}	150 Kg _{max}	400 Kg _{max}	2000 Kg _{max}
Track ---> length 4 m length 5 m length 6 m	3530 3530/400 3530/500 3530/600	5040 5040/400 5040/500 5040/600	6255 / 6255GE 6255/400 / 6255GE/400 6255/500 / 6255GE/500 6255/600 / 6255GE/600	8570 / 8570GE* 8570/400 / 8570GE/400 8570/500 / - 8570/600 / 8570GE/600
RAIL FIXING				
Angle plate Screwing type	3533	5043	6258	8573 (600kg max) 8573S (2000kg max)
Adjustment plate Screwing type	3536	5046	6261	8576 (600kg max) 8576S (2000kg max)
Fixing bracket with normal rod	3531	5041	6256	8571 (600kg max)
Fixing bracket with long rod	3531L	5041L	6256L	8571L (600kg max)
Wall-fixing bracket	3631	5141	6356	-
Top-fixing bracket	3634	5144	6359	-
Joining bracket	3531M	5041M	6256M	8578M
Joining bracket with short rod	3531MC	5041MC	6256MC	8578MC
Joining bracket with long rod	3531ML	5041ML	6256ML	8578ML
Wall-fixing joining bracket	3631M	5141M	6356M	-
Top-fixing joining bracket	3634M	5144M	6359M	-
CHOICE OF THE ROLLER				
Side fixing roller 2 steel wheels	-	0251A (150kg)	0261 (300kg)	0281 (600kg max)
Side fixing roller 2 Delrin wheels	-	0251D (150kg)		
Top fixing roller 2 steel wheels	0235A (80kg)	0255A (150kg)	0265 (300kg)	0285 (600kg max) 0285SL (800kg max)
Top fixing roller 2 Delrin wheels	0235D (80 Kg)	0255D (150kg)	-	-
Top fixing roller 4 nylon + glass fiber wheels with ball bearings	-	-	2265 (300kg)	2285 (600kg max)
Top fixing roller 4 wheels with ball bearings	2235 (80kg)	2255 (150kg)	2265A (400kg)	2285AL (800kg max) 2285SL (1200kg max)
Roller with swanneck 4 wheels with ball bearings	2232 (80 Kg)	2252 (150kg)	2262A (400kg)	-
Roller with swanneck 4 nylon + glass fiber wheels with ball bearings	-	-	2262 (300kg)	-
Top fixing roller 4 wheels equipped with precision ball bearings	-	-	-	2285SL (1200kg max)
Top fixing roller 8 wheels equipped with precision ball bearings	-	-	-	2288SL(2000kg max)
CHOICE OF THE PLATE				
Plate screwing type	0036	0056	0066	0086
Plate welding type	-	0055	0065	0085
FLOOR GUIDANCE WITH U PROFILE				
U-profile galvanised length 4 m length 5 m length 6 m	1109 1109/400 1109/500 1109/600	1110 1110/400 1110/500 1110/600	1110 1110/400 1110/500 1110/600	1115 - - 1115/600
Bottom guide with olive fixed on a screwing type plate	1102	1099	1101	1059

*Track **6255GE** : standard use (hangar doors, agricultural doors, etc.) 2 mm thick - **10 000 cycles guarantee**

Track **8570GE : standard use (hangar doors, agricultural doors, etc.) 3 mm thick - **800KG max door - 10 000 cycle guarantee**

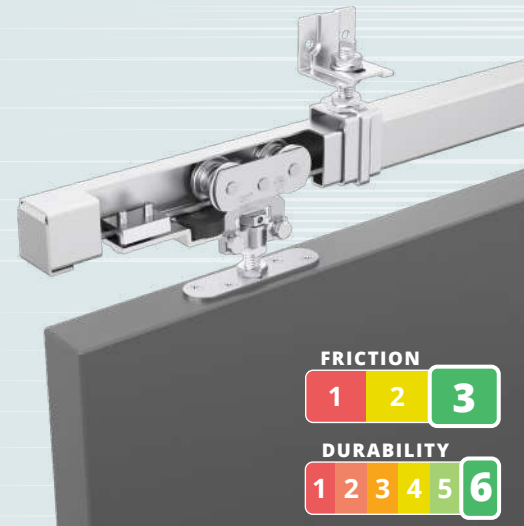
STRAIGHT SLIDING DOORS

EN1527



MADE IN FRANCE
SINCE 1920

- **Simple and durable** operation (**100 000 cycles**)
- **Environment:** the wheels are made of lead-free steel **LF**
- **Zinc Magnesium (ZM) protection** on all tracks, corrosion resistance up to 10 times better than standard galvanised steel
- **A complete range of rollers :** straight or swan-neck, with 2 rollers on roller cages or 4 rollers on balls, steel or Delrin rollers.n
- **Special mountings:** attachment screw 70 mm longer (L version)



FRICTION

1 2 3

DURABILITY

1 2 3 4 5 6

TRACKS



- 3530/400** Galvanised track 35 x 30 mm, length 4 m.
- 3530/500** Ditto 5 m long.
- 3530/600** Ditto 6 m long.

TRACK ACCESSORIES



- 1098** Track stop



- 3540** Ornamental cap for end track

ROLLERS & PLATES



- ITEM NR** **DESIGNATION**
- 0235A** Top fixing roller with 2 lead-free steel wheels mounted on needle roller bearings
Capacity per door: 80 kg
- 0235D** Top fixing roller with 2 Delrin wheels mounted on needle roller bearings
Capacity per door: 80 kg



- 2232** Roller with swan-neck, with 4 steel wheels mounted on ball bearings
Capacity per door: 80 kg



- 2235** Top fixing Roller, with 4 steel wheels mounted on ball bearings
Capacity per door: 80 kg



- 0036** Top fixing plate, M10



- 0036W** «U» plate for top fixing, M10



- 0031** Adjustable apron set, 25 to 35 mm thickness
Capacity: 40 Kg



- 0037** Angle plate for side fixing, M10



3530

FIXING AND JOINTING BRACKETS

	ITEM NR	DESIGNATION
	3531	Fixing bracket with normal rod
	3531L	Fixing bracket with long rod
	3531M	Joining bracket
	3531MC	Joining bracket with short rod
	3531ML	Joining bracket with long rod
	3631	Wall-fixing bracket
	3631M	Wall-fixing bracket (can also be used as end bracket)
	3634	Top-fixing bracket, screwing type
	3634M	Top-fixing bracket, screwing type (can also be used as end bracket)

FIXING ACCESSORIES

	ITEM NR	DESIGNATION
	3532	Sealing type plate
	3533	Angle plate screwing type
	3534	Soffit fixing plate screwing type
	3535	Adjustment plate sealing type
	3536	Adjustment plate screwing type
	3537	Fixing bracket for I-beam



For the fixing of the tracks, it is recommended that a bracket be placed every 0.70 m.

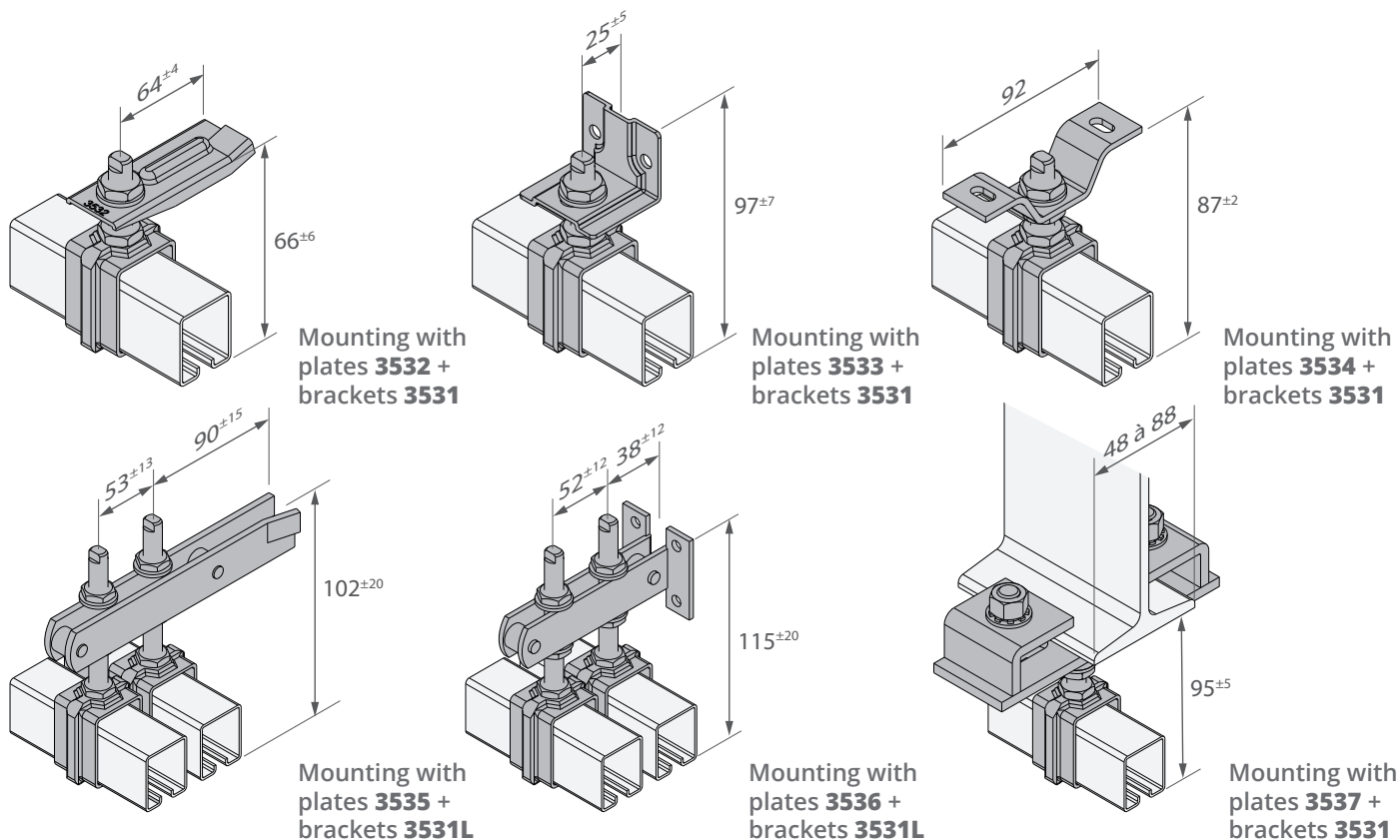
BOTTOM GUIDING

	ITEM NR	DESIGNATION
	1109/400	U-profile 25x17 mm galvanised. 4 m long
	1109/500	Ditto 5 m long.
	1109/600	Ditto 6 m long.
	1102	Bottom guide with an olive mounted on a round ended screwing plate for U-profile 25 x 17 mm
	1092V14	Adjustable screw-on guide (18 to 42 mm) with two Ø14 mm nylon olives Fixes to the jamb of the opening
	1092V25	Adjustable screw-on guide (35 to 60 mm) with two Ø25 mm nylon olives Fixes to the jamb of the opening

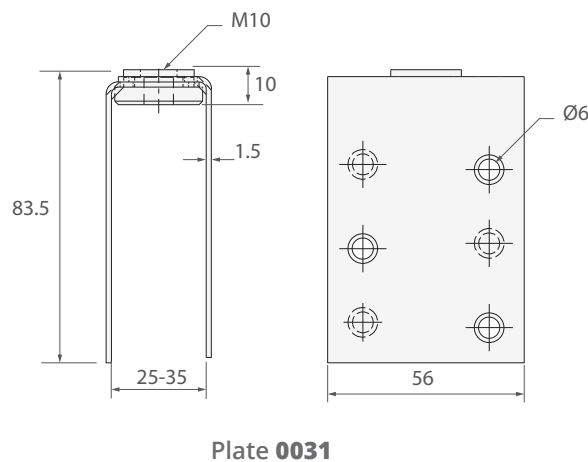
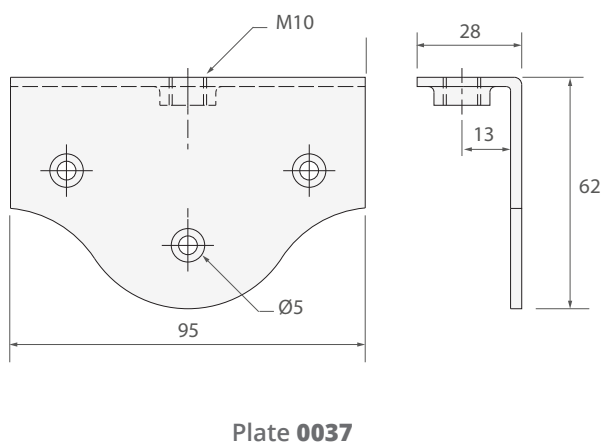
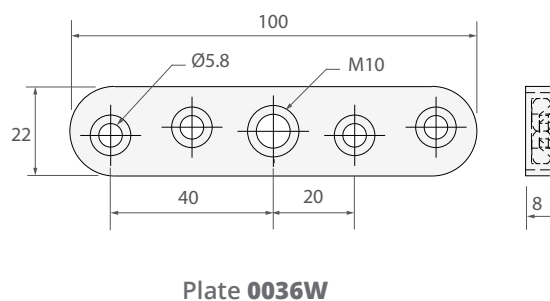
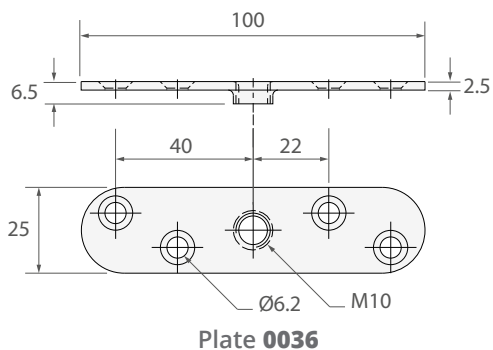


See the other guides and accessories available p.62

FIXING ACCESSORIES FOR BRACKETS 3531 & 3531L



FIXING PLATES



DRAWINGS 2D & 3D

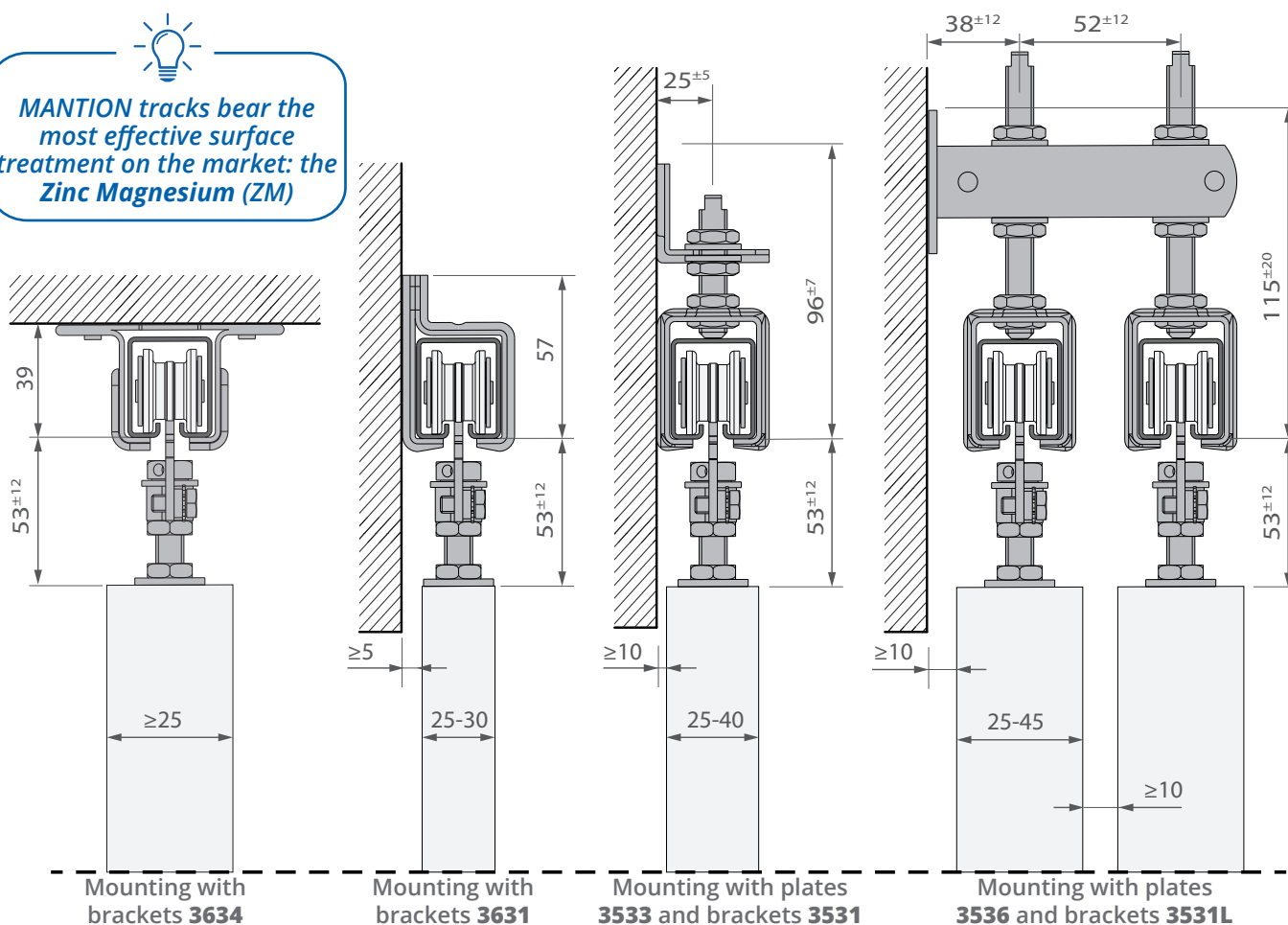
2D or 3D drawings of all our products can be downloaded from our website:
www.mantion.com



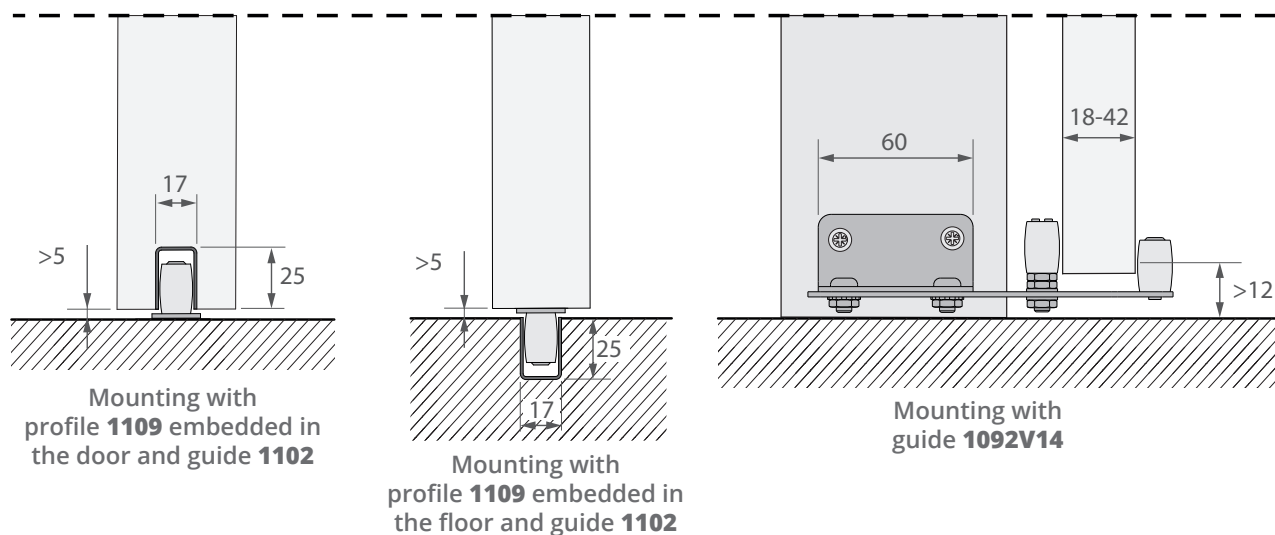
CEILING MOUNTING EXAMPLES



MANTION tracks bear the most effective surface treatment on the market: the Zinc Magnesium (ZM)



BOTTOM MOUNTING EXAMPLES



Stops must be positioned at the mid-height of the door
Stops must be equipped with shock absorbers from the track 5040

QUOTE ONLINE
SlidSoft

Configuring your project couldn't be as easier as this!
All you have to do is enter the dimensions of your opening and your options.
You'll also have access to full details of products and plans..

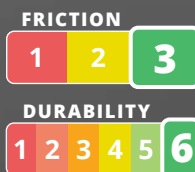
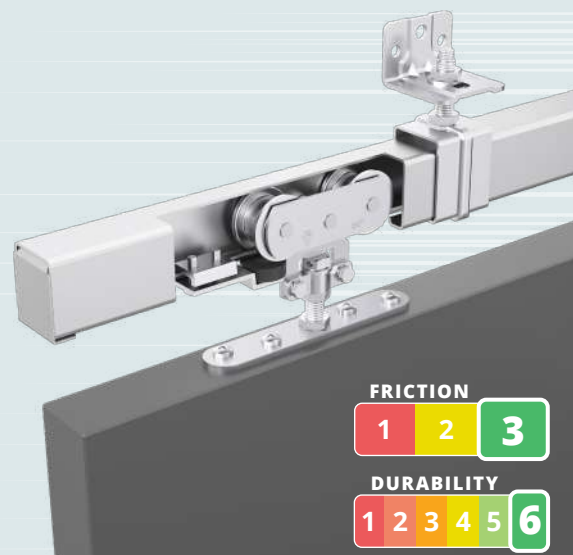


STRAIGHT SLIDING DOORS

EN1527

MADE IN FRANCE
SINCE 1920

- **Simple** and **durable** operation (**100 000 cycles**)
- **Environment:** the wheels are made of lead-free steel **LF**
- **Zinc Magnesium (ZM) protection** on all tracks, corrosion resistance up to 10 times better than standard galvanised steel
- **A complete range of rollers :** straight or swan-neck, with 2 rollers on roller cages or 4 rollers on balls, steel or Delrin rollers.n
- **Special mountings:** attachment screw 70 mm longer (L version)



TRACKS



5040/400	Galvanised track 50 x 40 mm, length 4 m.
5040/500	Ditto 5 m long.
5040/600	Ditto 6 m long.

TRACK ACCESSORIES

**1098** Track stop**5050** Ornamental cap for end track

ROLLERS & PLATES

	ITEM NR	DESIGNATION
	0251A	Side fixing roller with 2 lead-free steel wheels mounted on needle roller bearings Capacity per door: 150 kg
	0251D	Side fixing roller with 2 Delrin wheels mounted on needle roller bearings Capacity per door: 150 kg
	0255A	Top fixing roller with 2 lead-free steel wheels mounted on needle roller bearings Capacity per door: 150 kg
	0255AL	Ditto with long fixing bolt (118 mm)
	0255D	Top fixing roller with 2 Delrin wheels mounted on needle roller bearings Capacity per door: 150 kg
	2252	Roller with swan-neck, with 4 steel wheels mounted on ball bearings Capacity per door: 150 kg
	2255	Top fixing roller with 4 steel wheels mounted on ball bearings Capacity per door: 150 kg
	2255L	Ditto with long fixing bolt (118 mm)
	0055	Welding type plate
	0056	Top fixing plate, M12
	0056W	«U» plate for top fixing, M12
	0051	Adjustable apron set, 40 to 50 mm thickness. Capacity: 75 Kg
	0051-1	Adjustable reinforced apron set. Square neck screw fixing - For 38 to 56 mm doors



5040

FIXING AND JOINTING BRACKETS

	ITEM NR	DESIGNATION
	5041	Fixing bracket with normal rod
	5041L	Fixing bracket with long rod
	5041M	Joining bracket
	5041MC	Joining bracket with short rod
	5041ML	Joining bracket with long rod
	5141	Wall-fixing bracket
	5141M	Wall-fixing bracket (can also be used as end bracket)
	5144	Top-fixing bracket, screwing type
	5144M	Top-fixing bracket, screwing type (can also be used as end bracket)

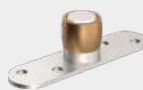
FIXING ACCESSORIES

	ITEM NR	DESIGNATION
	5042	Sealing type plate
	5043	Angle plate screwing type
	5044	Soffit fixing plate screwing type
	5045	Adjustment plate sealing type
	5046	Adjustment plate screwing type
	5047	Fixing bracket for I-beam



For the fixing of the tracks, it is recommended that a bracket be placed every 0.70 m.

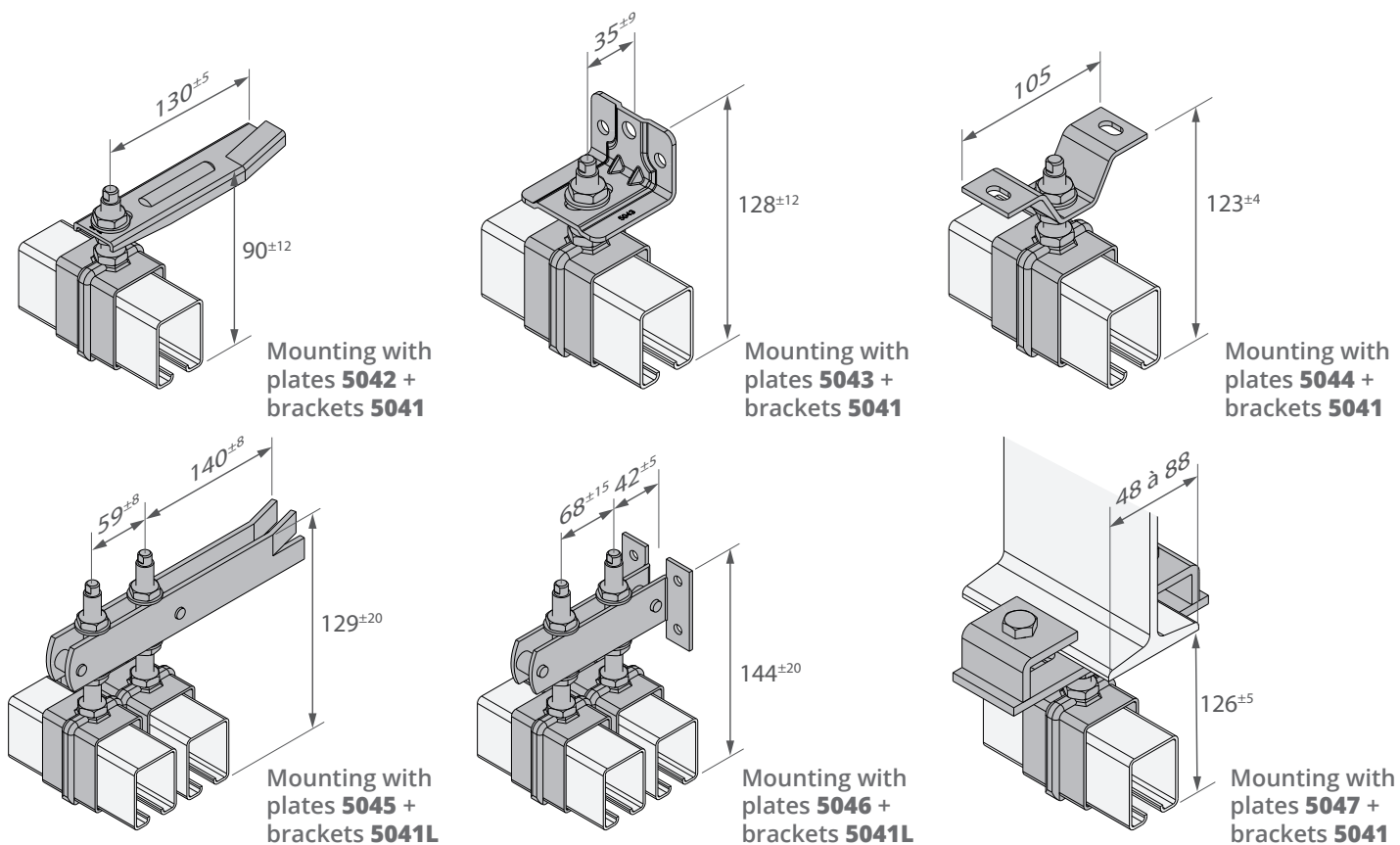
BOTTOM GUIDING

	ITEM NR	DESIGNATION
	1110/400	U-profile 30x30 mm galvanised. 4 m long
	1110/500	Ditto 5 m long.
	1110/600	Ditto 6 m long.
	1099	Bottom guide with an olive mounted on a round ended screwing plate for U-profile 30x30 mm
	1110GDL	1110GDL Guide in delrin, screwing type for U-profile 30x30 mm. L = 99 mm
	1092V25	Adjustable screw-on guide (35 to 60 mm) with two Ø25 mm nylon olives Fixes to the jamb of the opening
	1092V40	Adjustable screw-on guide (35 to 110 mm) with two Ø45 mm zytel olives Fixes to the jamb of the opening

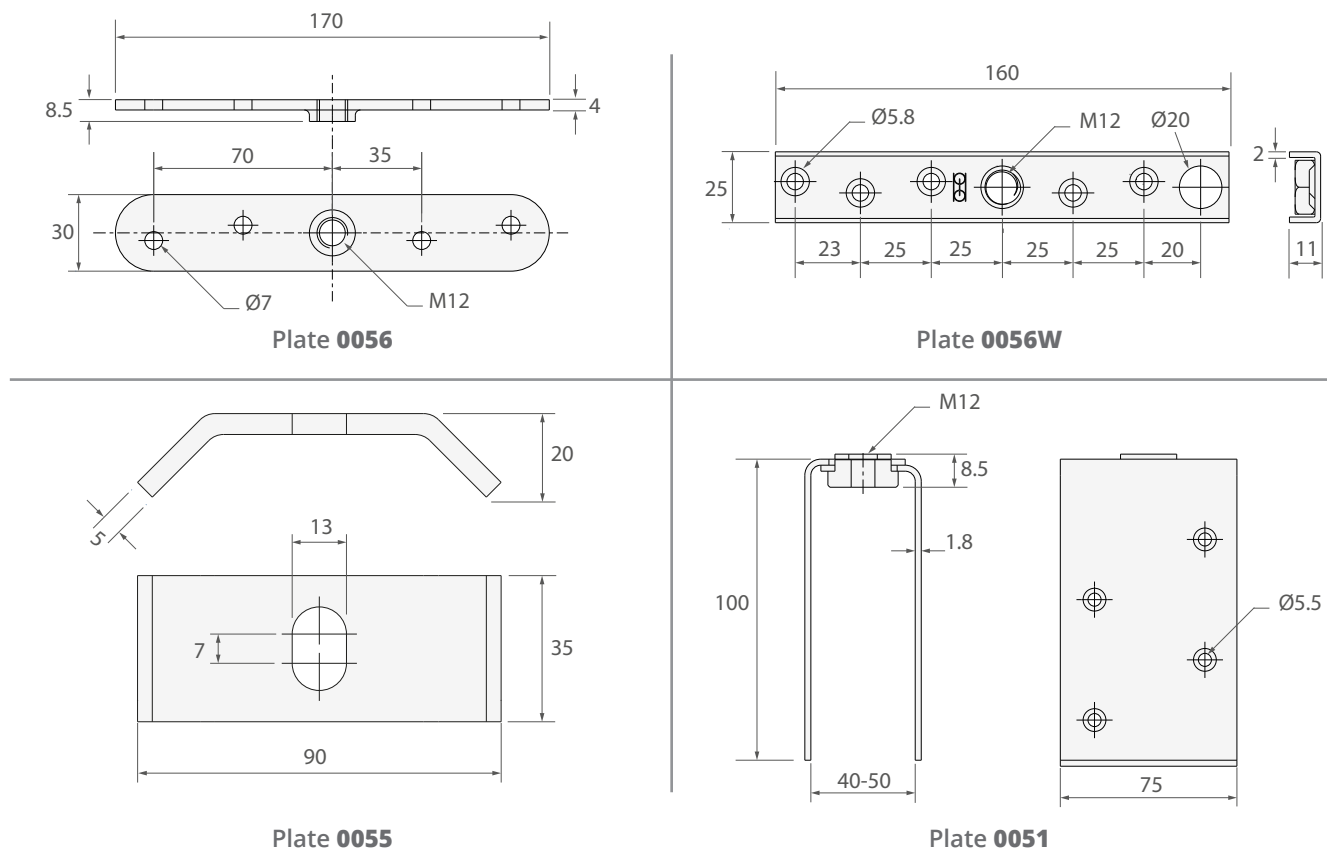


See the other guides and accessories available p.62

FIXING ACCESSORIES FOR BRACKETS 5041 & 5041L



FIXING PLATES



DRAWINGS 2D & 3D

2D or 3D drawings of all our products can be downloaded from our website:

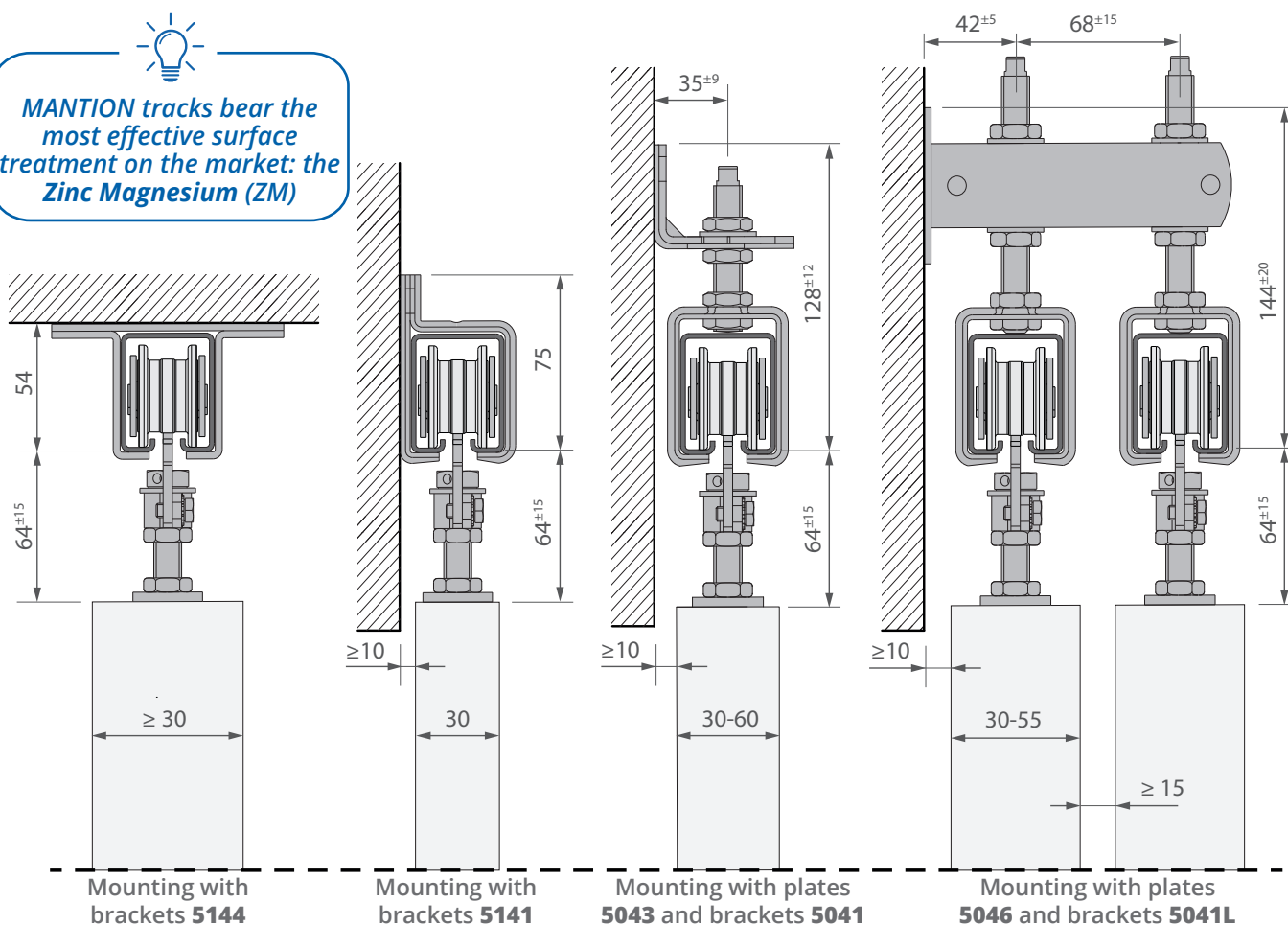
www.mantion.com



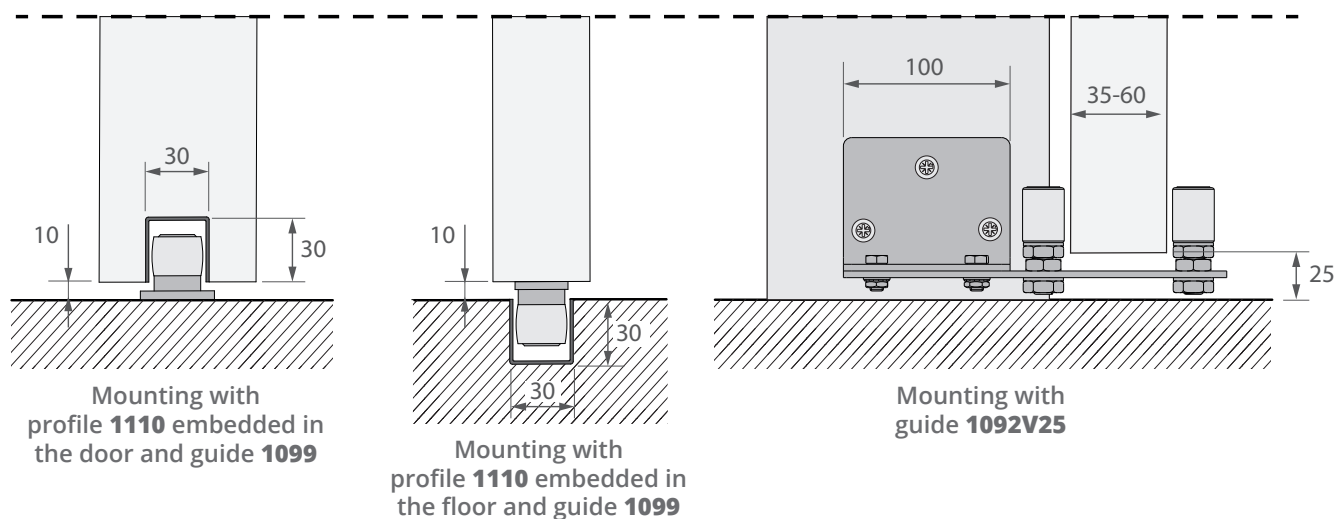
CEILING MOUNTING EXAMPLES



MANTION tracks bear the most effective surface treatment on the market: the Zinc Magnesium (ZM)



BOTTOM MOUNTING EXAMPLES



Stops must be positioned at the mid-height of the door
Stops must be equipped with shock absorbers from the track 5040

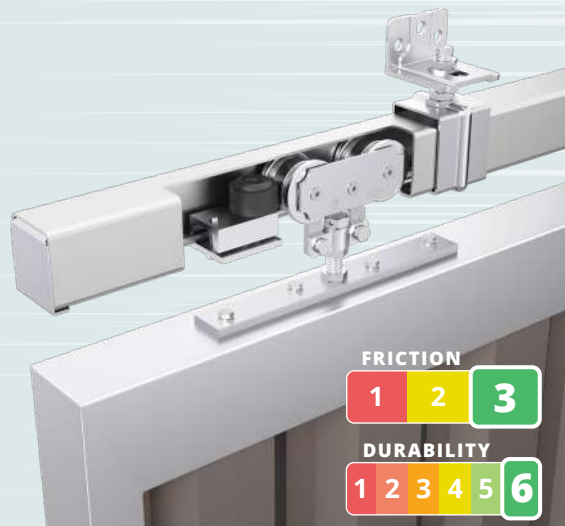
QUOTE ONLINE
SlidSoft

Configuring your project couldn't be as easier as this!
All you have to do is enter the dimensions of your opening and your options.
You'll also have access to full details of products and plans..



STRAIGHT SLIDING DOORS

EN1527

MADE IN FRANCE
SINCE 1920

FRICTION

1 2 3

DURABILITY

1 2 3 4 5 6

- **Simple** and **durable** operation (**100 000 cycles**)
- **Environment:** the wheels are made of lead-free steel **LF**
- **Zinc Magnesium (ZM) protection** on all tracks, corrosion resistance up to 10 times better than standard galvanised steel

TRACKS



6255/400	Galvanised track 62 x 55 mm, length 4 m. Standard range 2.5 mm thick - 100 000 cycles guarantee
6255/500	Ditto 5 m long.
6255/600	Ditto 6 m long.
6255GE/600	Galvanised track 62 x 55 mm, length 6 m. Eco range, 2 mm thick - 10 000 cycles guarantee

TRACK ACCESSORIES



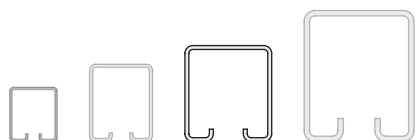
2098 Track stop



6265 Ornamental cap for end track

ROLLERS & PLATES

ITEM NR	DESIGNATION
 0261	Side fixing roller with 2 lead-free steel wheels mounted on needle roller bearings Removable plate, which enables 2 different positions and an adaptation to 2 different panel thicknesses. Capacity per door: 300 kg
 0265	Top fixing roller with 2 lead-free steel wheels mounted on needle roller bearings Capacity per door: 300 kg
0265L	Ditto with long fixing bolt (120mm)
 2262	Roller with swan-neck, with 4 nylon + glass fiber wheels with ball bearings Capacity per door: 300 kg
 2265	Top fixing roller with 4 nylon + glass fiber wheels with ball bearings Capacity per door: 300 kg
2265L	Ditto with long fixing bolt (120 mm)
 2262A	Roller with swan-neck, with 4 steel wheels mounted on ball bearings Capacity per door: 400 kg
 2265A	Top fixing roller with 4 steel wheels mounted on ball bearings Capacity per door: 400 kg
2265AL	Ditto with long fixing bolt (120 mm)
 0065	Welding type plate
 0066	Top fixing plate, M14
 0061	Adjustable apron set, 50 to 65 mm thickness. Capacity: 300 Kg
 0061-2	Adjustable reinforced apron set. Square neck screw fixing - For 52 to 76 mm doors



400 kg **6255**

FIXING AND JOINTING BRACKETS

ITEM NR	DESIGNATION
 6256	Fixing bracket with normal rod
 6256L	Fixing bracket with long rod
 6256M	Joining bracket
 6256MC	Joining bracket with short rod
 6256ML	Joining bracket with long rod
 6356	Wall-fixing bracket
 6356M	Wall-fixing bracket (can also be used as end bracket)
 6359	Top-fixing bracket, screwing type
 6359M	Top-fixing bracket, screwing type (can also be used as end bracket)

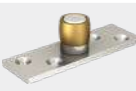
FIXING ACCESSORIES

ITEM NR	DESIGNATION
 6257	Sealing type plate
 6258	Angle plate screwing type
 6258L	Ditto version longue
 6259	Soffit fixing plate screwing type
 6260	Adjustment plate sealing type
 6261	Adjustment plate screwing type
 6262	Fixing bracket for I-beam



For the fixing of the tracks, it is recommended that a bracket be placed every 0.70 m.

BOTTOM GUIDING

ITEM NR	DESIGNATION
 1110/400	U-profile 30x30 mm galvanised. 4 m long
1110/500	Ditto 5 m long.
1110/600	Ditto 6 m long.
 1101	Bottom guide with an olive mounted on a reinforced screwing plate for U-profile 30x30 mm
 1110GDL	1110GDL Guide in delrin, screwing type for U-profile 30x30 mm. L = 99 mm
 1092V40	Adjustable screw-on guide (35 to 110 mm) with two Ø45 mm zytel olives. Fixes to the jamb of the opening



> To simplify your life, consider using our 6255GV gear which includes:

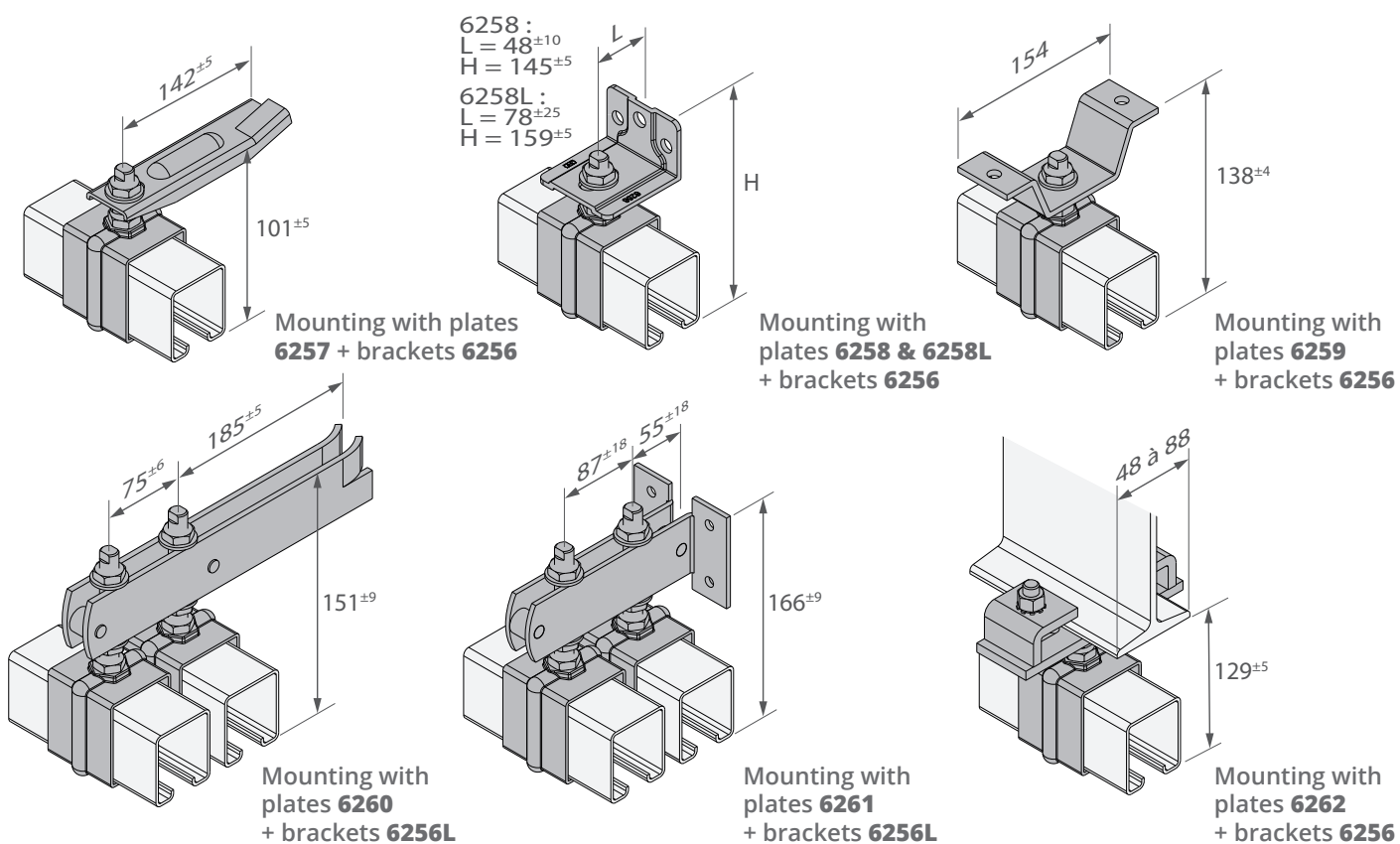
GEAR

ITEM NR	DESIGNATION
 6255GV	Gear including: - 2 rollers 0265 & - 2 plates 0066 - 12 brackets 6256 & - 1 joining bracket 6256MC - 13 angle plates 6258 - 2 ornamental caps 6265 - 2 guides 1101 - 2 stops 2094 - 1 handle 1297

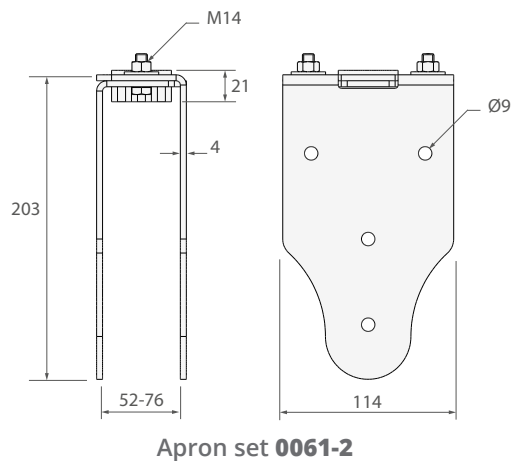
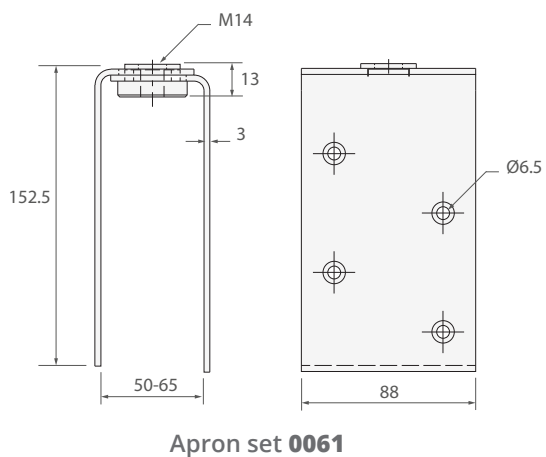
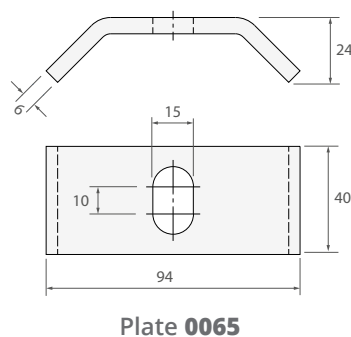
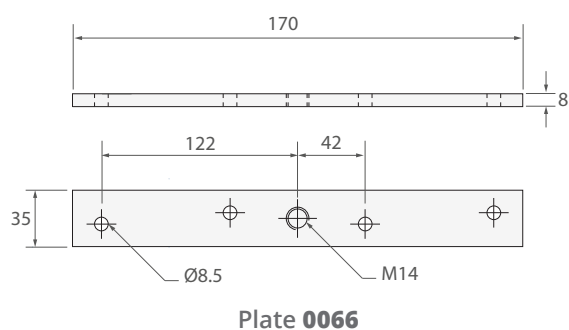


See the other guides and accessories available p.62

FIXING ACCESSORIES FOR BRACKETS 6256 & 6256L



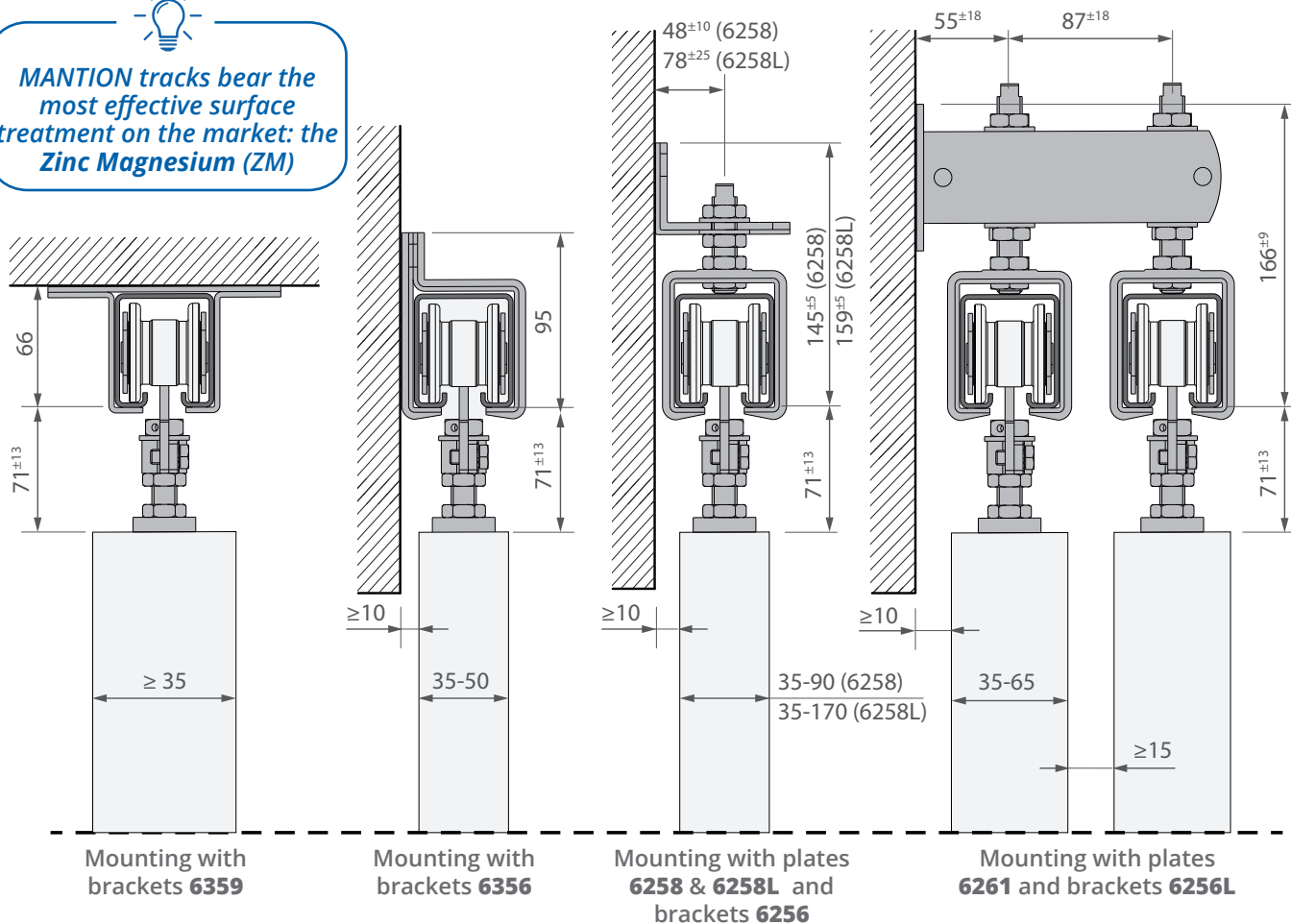
FIXING PLATES



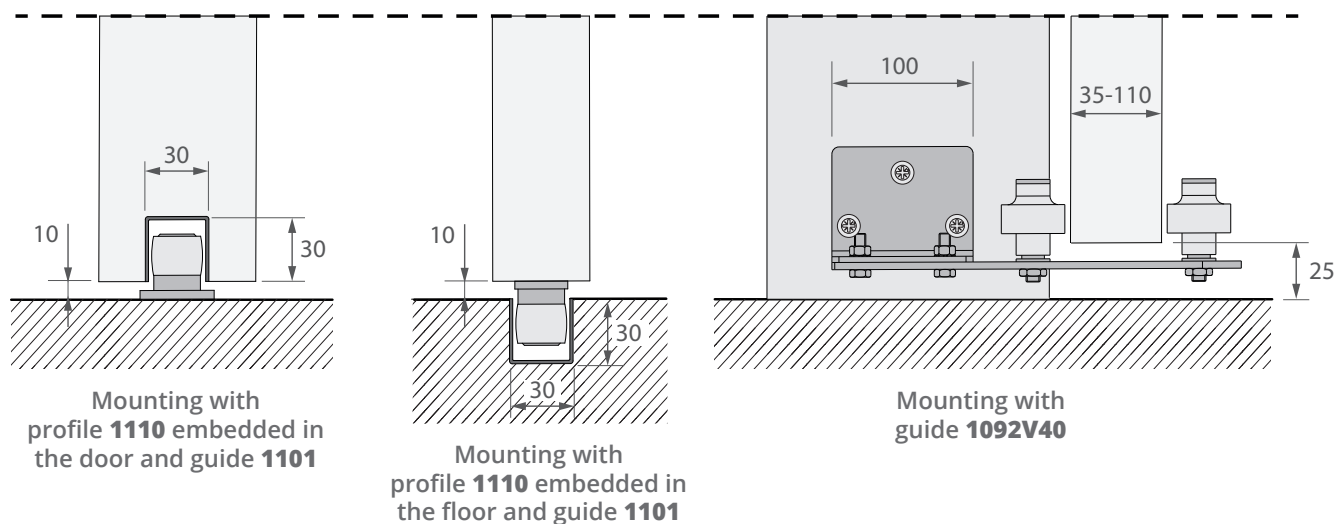
CEILING MOUNTING EXAMPLES



MANTION tracks bear the most effective surface treatment on the market: the Zinc Magnesium (ZM)



BOTTOM MOUNTING EXAMPLES



Stops must be positioned at the mid-height of the door
Les butoirs doivent être munis d'amortisseurs

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STRAIGHT SLIDING DOORS

EN1527

MADE IN FRANCE
SINCE 1920

- **Simple** and **durable** operation (**100 000 cycles**)
- **Zinc Magnesium (ZM) protection** on all tracks, corrosion resistance up to

10 times better than standard galvanised steel

- **HLE track** : the standard track 8570 is made of steel with

High Elasticity Limit enables heavy loads in safe conditions

TRACKS



8570/400 HLE steel track 85 x 70 mm, length 4 m.
Standard range 3.5 mm thick - 100 000 cycles guarantee
Suitable for doors up to 2000 KG

8570/600 Ditto 6 m long.

NEW
8570GE/400 Galvanised track 85 x 70 mm, length 4 m.
Eco range, 3 mm thick - 10 000 cycles guarantee
Suitable for doors up to 800 KG

8570GE/600 Ditto 6 m long.

TRACK ACCESSORIES



2098 Track stop



8580 Ornamental cap for end track

FRICTION

1 2 3

DURABILITY

1 2 3 4 5 6

ROLLERS & PLATES



0281 Side fixing roller with 2 lead-free steel wheels mounted on needle roller bearings
Removable plate, which enables 2 different positions and an adaptation to 2 different panel thicknesses
Capacity per door: 600 kg



0285 Top fixing roller, with 2 steel wheels mounted on needle roller bearings.
Fixing screw Ø M 16
Capacity per door: 600 kg

0285L Ditto with long fixing bolt (123 mm)



0285SL Top fixing roller with 2 steel wheels mounted on high precision needle roller bearings.
Fixing bolt Ø M 20
Capacity per door: 800 kg



2285 Top fixing roller with 4 nylon + glass fiber wheels with ball bearings
Fixing screw Ø M 16
Capacity per door: 600 kg



2285AL Top fixing roller with 4 steel wheels mounted on ball bearings
Fixing screw Ø M 16
Capacity per door: 800 kg

2285SL Top fixing roller with 4 wheels equipped with precision ball bearings. Recommended for FIRE DOORS and other HIGH QUALITY doors.
Fixing bolt Ø M 20
Capacity per door: 1200 kg



2288SL Top fixing roller with 8 wheels equipped with precision ball bearings. Recommended for FIRE DOORS and other HIGH QUALITY doors.
Fixing bolt Ø M 20
Capacity per door: 2000 kg



0085 Welding type plate M16
Door up to 1200 kg

0085S Reinforced welding type plate M20
Door up to 2000 kg



0086 Screwing type plate M16.
Door up to 1200 kg

0086S Reinforced screwing type plate M20.
Door up to 2000 kg



0081 Adjustable apron set M16, 55 to 75 mm thickness.
Door up to 1200 kg



0081-2 Adjustable reinforced apron set.
Square neck screw fixing - For 52 to 76 mm doors
Door up to 1200 kg

0081-3 Ditto for 70 to 96 mm doors
Door up to 1200 kg



8570

DOORS FROM 400 TO 600 KG

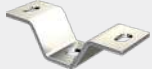
FIXING AND JOINTING BRACKETS

	ITEM NR	DESIGNATION
	8571	Fixing bracket with normal rod
	8571L	Fixing bracket with long rod
	8578M	Jointing bracket
	8578MC	Jointing bracket with short rod
	8578ML	Jointing bracket with long rod



For the fixing of the tracks 8570, it is recommended that a bracket be placed every 0.50 m.

FIXING ACCESSORIES

	ITEM NR	DESIGNATION
	8572	Sealing type plate
	8573	Angle plate screwing type
	8574	Soffit fixing plate screwing type
	8575	Adjustment plate sealing type
	8576	Adjustment plate screwing type
	8577	Fixing bracket for I-beam

DOORS FROM 600 TO 2000 KG

FIXING AND JOINTING BRACKETS

	8578MC	Fixing bracket/jointing bracket with normal rod
	8578ML	Jointing bracket with long rod
	8578M	Fixing bracket/jointing bracket without rod

FIXING ACCESSORIES

	8573S	Reinforced angle plate screwing type
	8576S	Reinforced adjustment plate screwing type

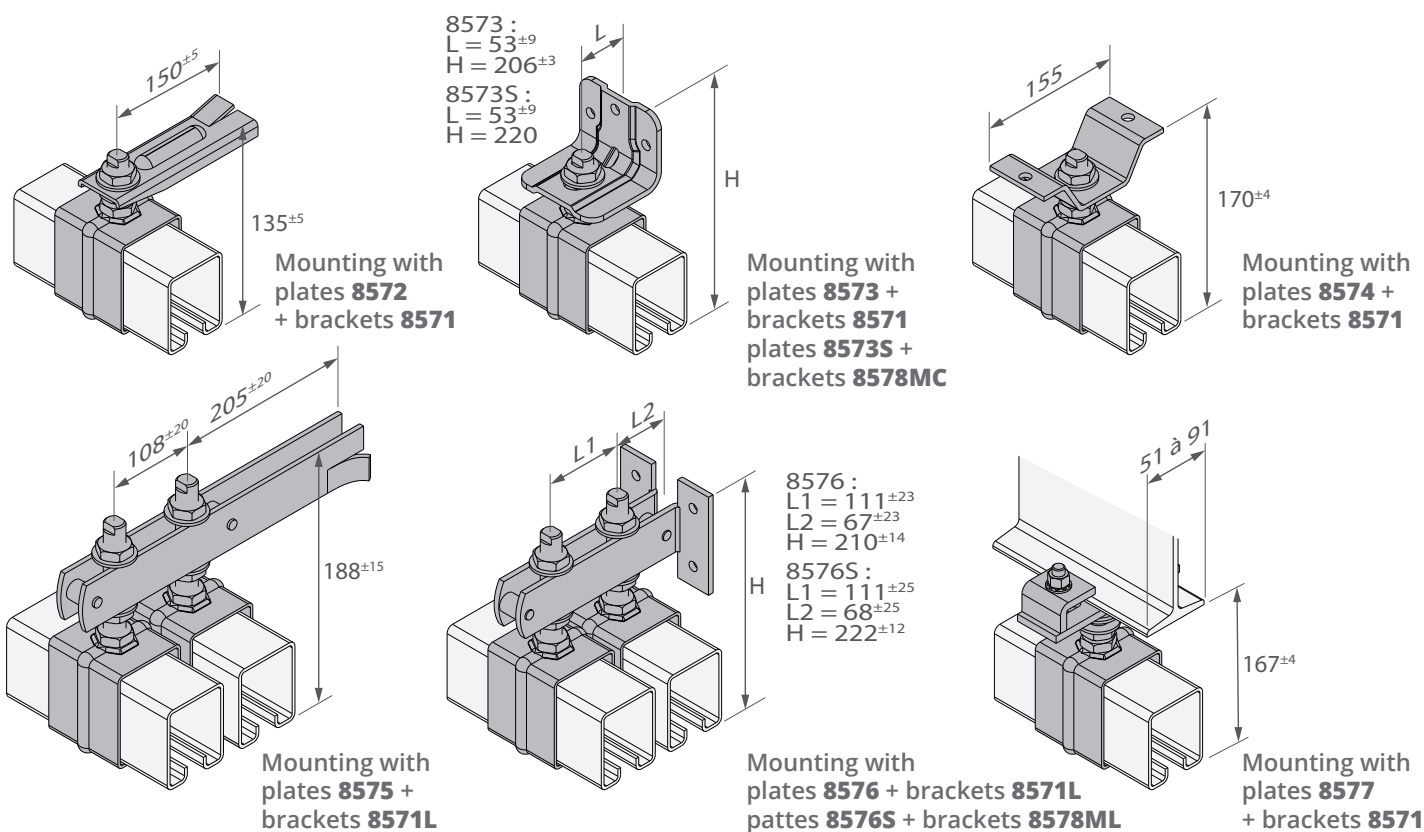
BOTTOM GUIDING

	ITEM NR	DESIGNATION
	1115/600	U-profile 50x60 mm galvanised. 6 m long
	1059	Bottom guide with olive (with needle roller bearings) on a reinforced plate. Screwing type For U-profile 50 x 60 mm
	1180	Reinforced bottom guide with Ø64 mm steel roller (ball-bearing-mounted), on screw-on plate (adjustment via oblong holes possible) for UPE 80
	1092V40	Adjustable screw-on guide (35 to 110 mm) with two Ø45 mm zytel olives Fixes to the jamb of the opening

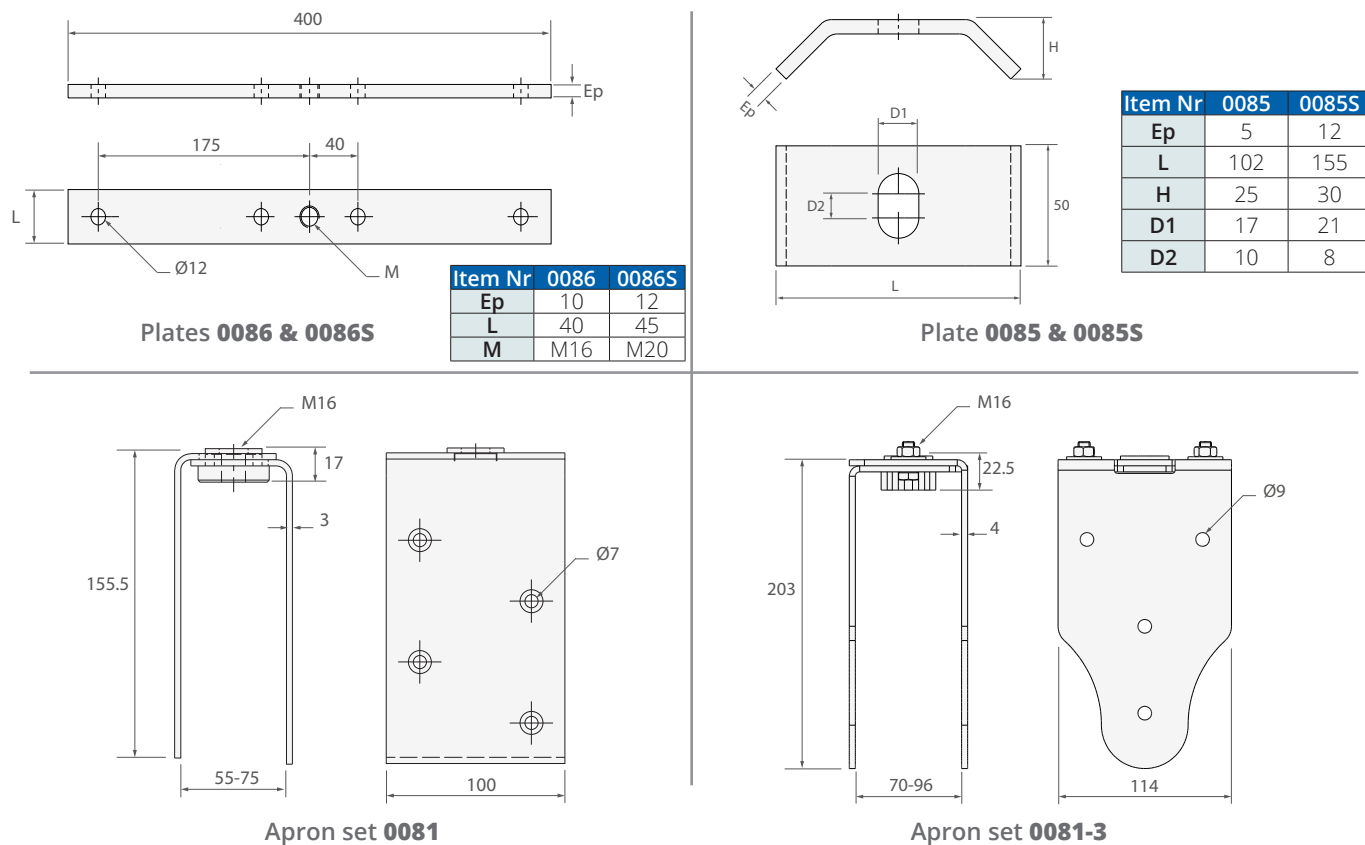


See the other guides and accessories available p.62

FIXING ACCESSORIES FOR BRACKETS 8571 & 8571L



FIXING PLATES



DRAWINGS 2D & 3D

2D or 3D drawings of all our products can be downloaded from our website:

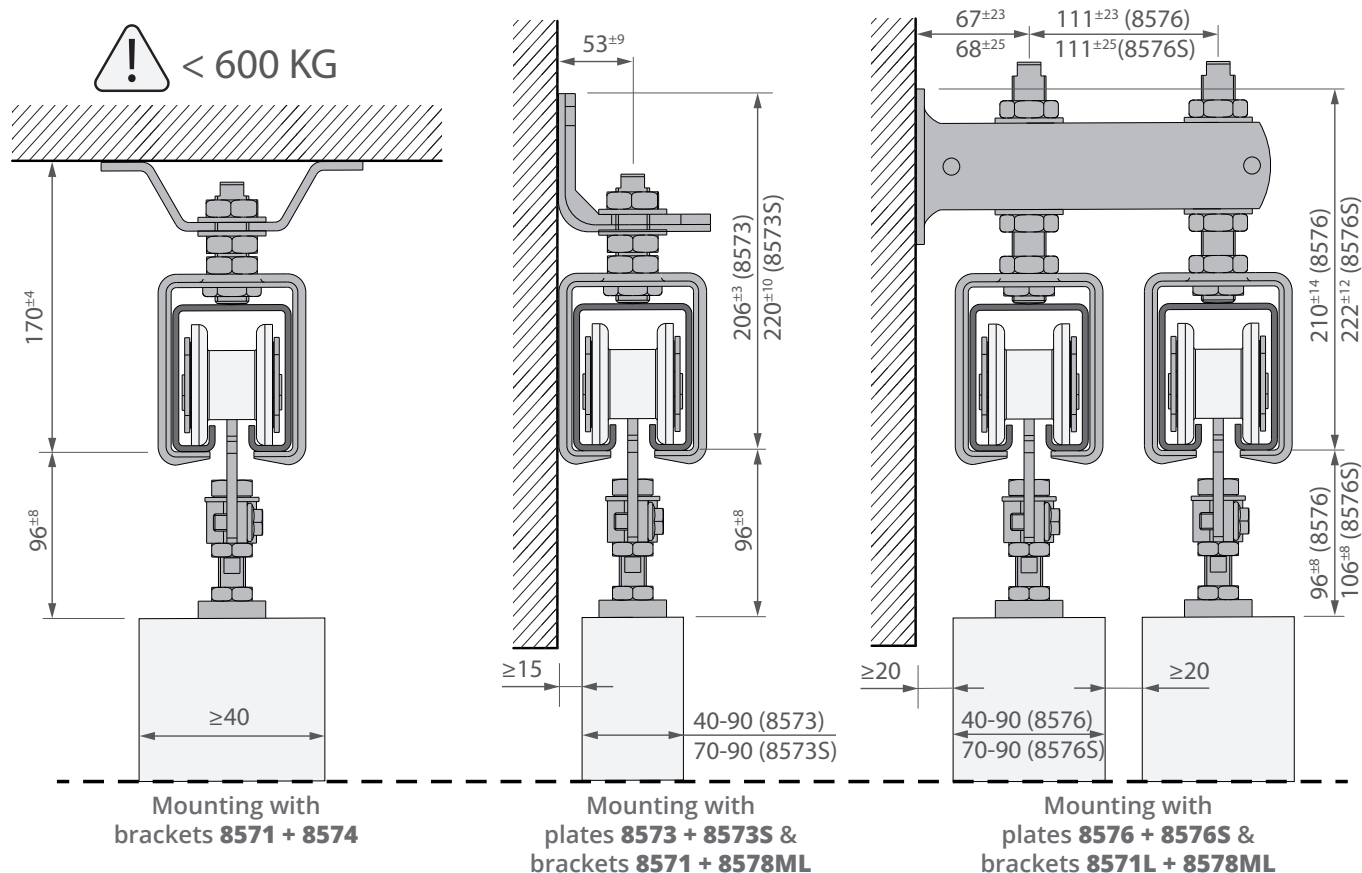
www.mantion.com



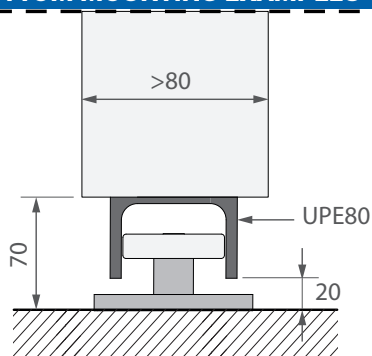
CEILING MOUNTING EXAMPLES



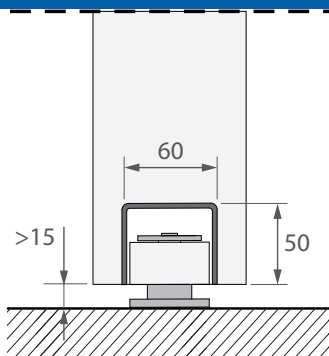
*MANTION tracks bear the most effective surface treatment on the market:
the Zinc Magnesium (ZM)*



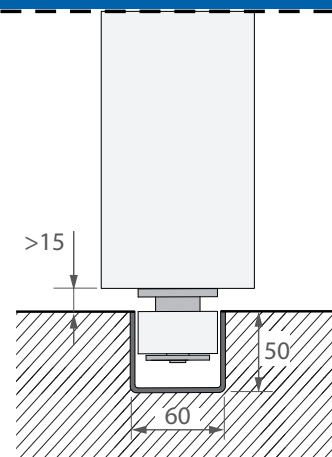
BOTTOM MOUNTING EXAMPLES



Mounting with profile **UPE80** under the door and guide **1180**



Mounting with profile **1115** embedded in the door and guide **1059**



Mounting with profile **1115** embedded in the floor and guide **1059**



Stops must be positioned at the mid-height of the door
Stoppers must be fitted with shock absorbers

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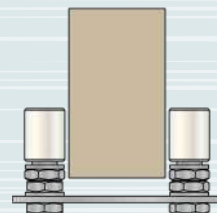


SETS SPORTUB 80 KG

EN1527

MADE IN FRANCE
SINCE 1920Mounting
with U-profile
1 olive bottom guide

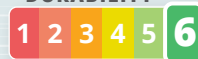
OR

Mounting
without U-profile
2 olives bottom guide

FRICTION



DURABILITY



- **Quick** and **easy**: no forgotten components
- **Cost-effective**: minimum 10% savings compared to retail purchase of components
- **Choice of guide type**

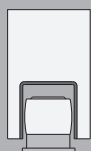
TRACKS

**3530/200** Galvanised track 35 x 30 mm length 2 m.**3530/300** Ditto 3 m long.

U-PROFILES

**1109/200** U-profile 25x17 mm galvanised. 3 m long**1109/300** Ditto 3 m long.

SETS FOR DOORS UP TO 80 KG- RAIL 3530 - FOR USE WITH U-PROFILE

Mounting
with U-profile
1 olive bottom guide**ITEM NR**
3530GVU-3

SET for 1 door of 1.5 m. Max. opening.:

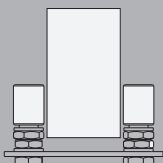
- 2 rollers **0235D**
- 2 plates **0036**
- 5 brackets **3531**
- 5 angle plates **3533**
- 2 ornamental caps **3540**
- 2 bottom guides **1102**
- 2 stops **1086**
- 1 handle **1298**

**ITEM NR**
3530GVU-4

SET for 1 door of 2 m. Max. opening.:

- 2 rollers **0235D**
- 2 plates **0036**
- 7 brackets **3531**
- 1 jointing bracket **3531MC**
- 8 angle plates **3533**
- 2 ornamental caps **3540**
- 2 bottom guides **1102**
- 2 stops **1086**
- 1 handle **1298**

SETS FOR DOORS UP TO 80 KG- RAIL 3530

Mounting
without U-profile
2 olives bottom guide**ITEM NR**
3530GVP-3

SET for 1 door of 1.5 m. Max. opening.:

- 2 rollers **0235D**
- 2 plates **0036**
- 5 brackets **3531**
- 5 angle plates **3533**
- 2 ornamental caps **3540**
- 2 adjustable bottom guide 2 olives **1092V25**
- 2 stops **1086**
- 1 handle **1298**

**ITEM NR**
3530GVP-4

SET for 1 door of 2 m. Max. opening.:

- 2 rollers **0235D**
- 2 plates **0036**
- 7 brackets **3531**
- 1 jointing bracket **3531MC**
- 8 angle plates **3533**
- 2 ornamental caps **3540**
- 2 adjustable bottom guide 2 olives **1092V25**
- 2 stops **1086**
- 1 handle **1298**



Sets 3530

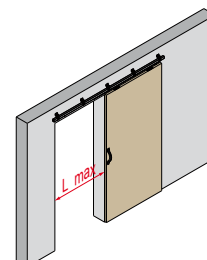


Quick and easy: assemble your sliding systems with *SPORTUB®* sets
10% minimum savings compared to retail purchase of components

MOUNTING WITH U-PROFILE - 1 OLIVE BOTTOM GUIDE

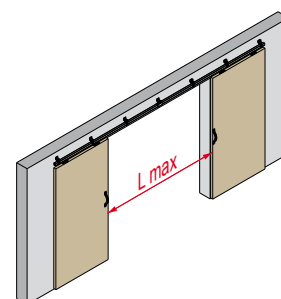


COMPONENT DETAILS FOR 1 SINGLE DOOR UP TO 80 KG	
OPENING (L) = 1.5m. MAX	OPENING (L) = 2m. MAX
set 3530GVU-3 x1 + track 3530/300 x1 + U-profile 1109/200 x1	set 3530GVU-4 x1 + track 3530/200 x2 + U-profile 1109/200 x1



- > suitable for all panel types
- > allows full door opening
- > enhanced security: nothing visiblerien d'apparent

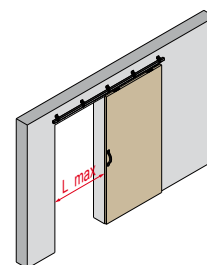
COMPONENT DETAILS FOR 2 OPPOSING DOORS UP TO 80 KG	
OPENING (L) = 3m. MAX	OPENING (L) = 4m. MAX
set 3530GVU-3 x2 + track 3530/300 x2 + jointing bracket 3531MC x1 + U-profile 1109/300 x1	set 3530GVU-4 x2 + track 3530/200 x4 + jointing bracket 3531MC x1 + U-profile 1109/200 x2



MOUNTING WITHOUT U-PROFILE - 2 OLIVES BOTTOM GUIDE

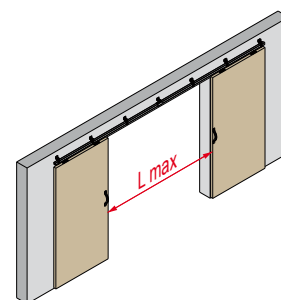


COMPONENT DETAILS FOR 1 SINGLE DOOR UP TO 80 KG	
OPENING (L) = 1.5m. MAX	OPENING (L) = 2m. MAX
set 3530GVP-3 x1 + track 3530/300 x1	set 3530GVP-4 x1 + track 3530/200 x2



- > less door shaping
- > reversible (left or right opening)
- > adjustable: for panel thicknesses from 35 to 60 mm

COMPONENT DETAILS FOR 2 OPPOSING DOORS UP TO 80 KG	
OPENING (L) = 3m. MAX	OPENING (L) = 4m. MAX
set 3530GVP-3 x2 + track 3530/300 x2 + jointing bracket 3531MC x1	set 3530GVP-4 x1 + track 3530/200 x4 + jointing bracket 3531MC x1



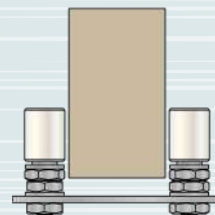
See detailed installation section on p.15

SETS SPORTUB 150 KG

EN1527

MADE IN FRANCE
SINCE 1920Mounting
with U-profile
1 olive bottom guide

OR

Mounting
without U-profile
2 olives bottom guide

FRICTION



DURABILITY



- **Quick** and **easy**: no forgotten components
- **Cost-effective**: minimum 10% savings compared to retail purchase of components
- **Choice of guide type**

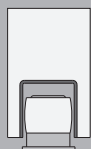
TRACKS

**5040/200** Galvanised track 50 x 40 mm length 2 m.**5040/300** Ditto 3 m long.

U-PROFILES

**1110/200** U-profile 30x30 mm galvanised, length 2 m.**1110/300** Ditto en Ditto 3 m long. de 3 m.

SETS FOR DOORS UP TO 80 KG- RAIL 3530 - FOR USE WITH U-PROFILE

Mounting
with U-profile
1 olive bottom guide**5040GVU-4**

SET for 1 door of 1.5 m. Max. opening.:

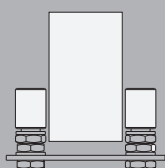
- 2 rollers **0255A**
- 2 plates **0056**
- 7 brackets **5041**
- 1 jointing bracket **5041MC**
- 8 angle plates **5043**
- 2 ornamental caps **5050**
- 2 bottom guides **1099**
- 2 stops **2091**
- 1 handle **1298**

**5040GVU-6**

SET for 1 door of 2 m. Max. opening.:

- 2 rollers **0255A**
- 2 plates **0056**
- 10 brackets **5041**
- 1 jointing bracket **5041MC**
- 11 angle plates **5043**
- 2 ornamental caps **5050**
- 2 bottom guides **1099**
- 2 stops **2091**
- 1 handle **1298**

SETS FOR DOORS UP TO 80 KG- RAIL 3530

Mounting
without U-profile
2 olives bottom guide**5040GVP-4**

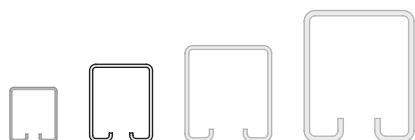
SET for 1 door of 1.5 m. Max. opening.:

- 2 rollers **0255A**
- 2 plates **0056**
- 7 brackets **5041**
- 1 jointing bracket **5041MC**
- 8 angle plates **5043**
- 2 ornamental caps **5050**
- 1 bottom guides **1092V25**
- 2 stops **2091**
- 1 handle **1298**

**5040GVP-6**

SET for 1 door of 2 m. Max. opening.:

- 2 rollers **0255A**
- 2 plates **0056**
- 10 brackets **5041**
- 1 jointing bracket **5041MC**
- 11 angle plates **5043**
- 2 ornamental caps **5050**
- 1 bottom guides **1092V25**
- 2 stops **2091**
- 1 handle **1298**



Sets 5040



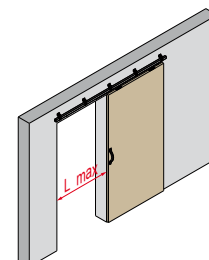
Quick and easy: assemble your sliding systems with SPORTUB® sets
10% minimum savings compared to retail purchase of components

MOUNTING WITH U-PROFILE - 1 OLIVE BOTTOM GUIDE

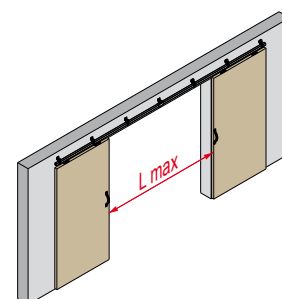


- > suitable for all panel types
- > allows full door opening
- > enhanced security: nothing visible from the outside

COMPONENT DETAILS FOR 1 SINGLE DOOR UP TO 150 KG		
L = 2m. MAX	L = 2.5m. MAX	L = 3m. MAX
5040GVU-4 x1 + 5040/200 x2 + 1110/200 x1	5040GVU-6 x1 + 5040/200 x1 + 5040/300 x1 + 1110/300 x1	5040GVU-6 x1 + 5040/300 x2 + 1110/300 x1



COMPONENT DETAILS FOR 2 OPPOSING DOORS UP TO 150 KG		
L = 4m. MAX	L = 5m. MAX	L = 6m. MAX
5040GVU-4 x2 + 5040/200 x4 + 5041MC x1 + 1110/200 x2	5040GVU-6 x2 + 5040/200 x2 + 5040/300 x2 + 5041MC x1 + 1110/300 x2	5040GVU-6 x2 + 5040/300 x4 + 5041MC x1 + 1110/300 x2

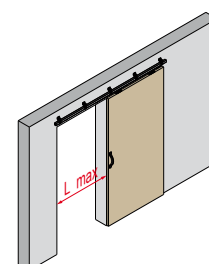


MOUNTING WITHOUT U-PROFILE - 2 OLIVES BOTTOM GUIDE

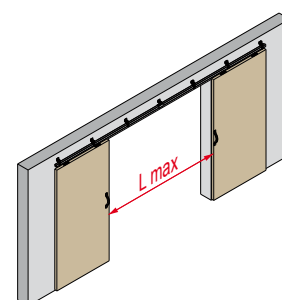


- > less door shaping
- > reversible (left or right opening)
- > adjustable: for panel thicknesses from 35 to 60 mm

COMPONENT DETAILS FOR 1 SINGLE DOOR UP TO 150 KG		
L = 2m. MAX	L = 2.5m. MAX	L = 3m. MAX
5040GVP-4 x1 + 5040/200 x2	5040GVP-6 x1 + 5040/200 x1 + 5040/300 x1	5040GVP-6 x1 + 5040/300 x2



COMPONENT DETAILS FOR 2 OPPOSING DOORS UP TO 150 KG		
L = 4m. MAX	L = 5m. MAX	L = 6m. MAX
5040GVP-4 x2 + 5040/200 x4 + 5041MC x1	5040GVP-6 x2 + 5040/200 x2 + 5040/300 x2 + 5041MC x1	5040GVP-6 x2 + 5040/300 x4 + 5041MC x1



See detailed installation section on p.19

SEALING KIT FOR STRAIGHT SLIDING DOORS

ENT527



SLIDING

MADE IN FRANCE
SINCE 1920

- **Energy savings:** sealing kit eliminates air flow and heat loss
- **Greater security:** no gap between door and wall

SAVINGS
ENERGY

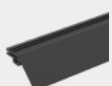
FRICTION

1 2 3

DURABILITY

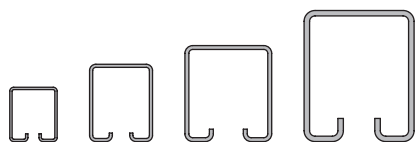
1 2 3 4 5 6

AIL COMPONENTS FOR SEALING

ITEM NR	DESIGNATION
 2204P/600	Vertical joint door profile in galvanized steel Length = 6 m - Attaches to door jambs
 2204J/300	Rubber flap seal Length = 3 m - Attaches to 2204P gasket holders
 55/300	Joint holder in aluminium Length = 3 m - Attaches to opening jambs
 1152/600	Rubber side seal Length = 6 m - Attaches to 55 joint holders
1152/1100	Ditto in 11 m length
 2204A/150	Angle joint holder in galvanized steel Length = 1.5 m - Fixed to the lintel of the opening
2204A/250	Ditto in 2.5 m length
 7161/250	Black rubber seal Length = 3 m - Attaches to 2204A gasket holders
7161/500	Ditto in 5 m length
 1151AL/300	Sealing brush with aluminum support Length = 3 m - Attaches to bottom of door

COMPLETE KIT FOR DOORS UP TO 3 X 3 M

2200E/300	kit includes : - 2 joint holders 2204P , 3 m long. - 2 2204J flap seal, 3 m long. - 1 joint holder holder 55 , 3 m long. - 1 side seal 1152 , 3 m long. - 2 flap seal holders 2204A , 1.5 m long. - 1 seal 7161 , 3 m long. - 1 low sealing brush 1151AL/300
------------------	--

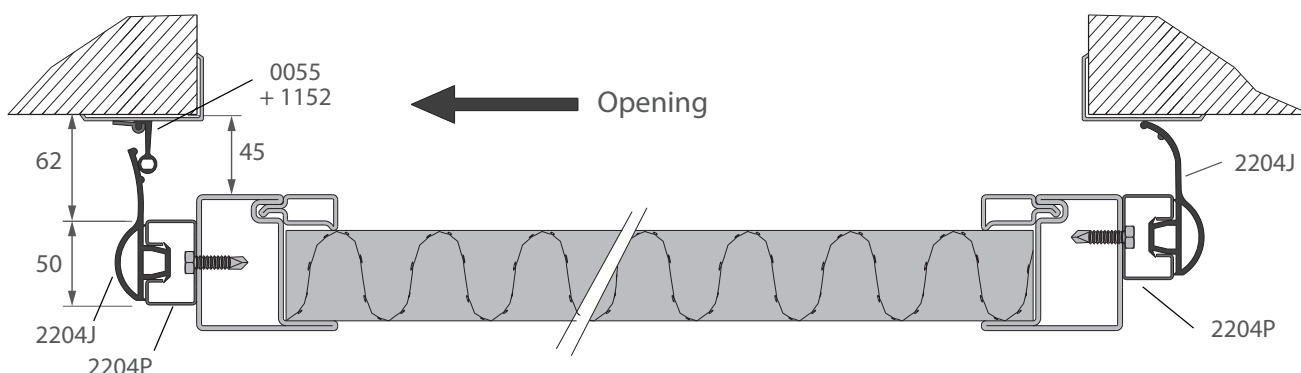


Sealing kit

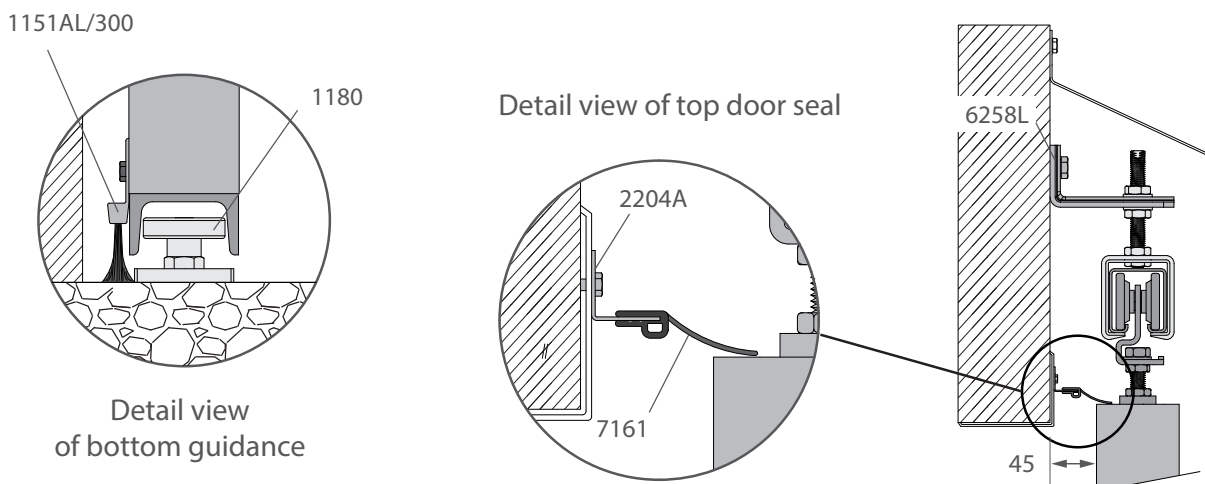
CHOICE OF COMPONENTS ACCORDING TO DOOR WEIGHT:

Door weight	Track	Angle plate	Roller	Guide	Track stop	Bottom stop	handle
< 150 Kg	5040	6258L	2252	1101	1098	2099V	1290
150 Kg - 300 Kg	6255	6258L	2262	1180	2098	Stop screw-in see p.60	1297
300 Kg - 400 Kg	6255	9046CF	2262A				
400 Kg - 800 Kg	8570	9056CF	2285AL				
800 Kg - 2000 Kg	8570	9066	2288SL				

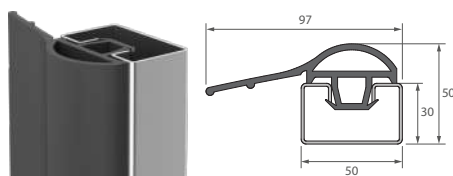
HORIZONTAL CROSS-SECTION



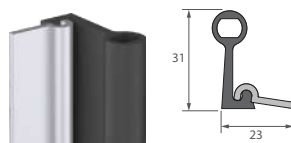
VERTICAL CROSS-SECTION



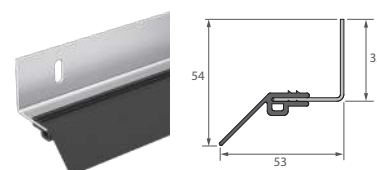
ELEMENTS COMMON TO BOTH VERSIONS



Profil 2204P + joint 2204J



Profil 0055 + joint 1152



Profil 2204A + joint 7161



- > **ENERGY SAVINGS:** sealing kit eliminates air flow and heat loss
- > **ACCREDITED SAFETY:** no gap between door and wall

STRAIGHT SLIDING SYSTEM ON A FLAT TRACK

EN1527

MADE IN FRANCE
SINCE 1920

- Ideal for **wooden doors**
- **Simple mounting:** side fixing
- **A complete range of rollers:** from 40 to 700 KG



FRICTION

1 2 **3**

DURABILITY

1 2 3 4 5 **6**

ROLLERS			
	RÉF.	FLAT TRACK	DESIGNATION
	0042	35x6	Side fixing roller - with POLYAMIDE roller mounted on needle roller bearings Capacity per door: 40 kg
	0015	35x6	Side fixing roller - with POLYAMIDE roller mounted on needle roller bearings Capacity per door: 40 kg
	0017	50x6	Side fixing roller - with POLYAMIDE roller mounted on needle roller bearings Capacity per door: 80 kg
	ROC1A	50x10	Side fixing roller with wheel 1002A Capacity per door: 130 kg
	ROC1F		Ditto with wheel 1002FA
	ROC2A	50x10	Side fixing roller with wheel 1002A Capacity per door: 200 kg
	ROC2F		Ditto with wheel 1002FA
	0250A	50x10	Side fixing roller with wheel 1002A Left and right rollers supplied together Capacity per door: 250 kg
	0250F		Ditto with wheel 1002FA
	0400	50x12	Side fixing roller with wheel 1004A Left and right rollers supplied together Capacity per door: 400 kg
	0700	50x12	Side fixing roller with wheel 1005A Left and right rollers supplied together Capacity per door: 700 kg

REPLACEMENT WHEELS	
RÉF.	DESIGNATION
 1002A	Wheel Ø82 mm with Delrin hub and steel flanges mounted on roller cage. Equips rollers ROC1A, ROC2A and 0250A Capacity per wheel: 125 kg
 1002FA	Steel wheel Ø 82 mm mounted on roller cage. Equips rollers ROC1F, ROC2F and 0250F Capacity per wheel: 175 kg
 1004A	Steel wheel Ø 108 mm mounted on roller cage. Equips rollers 0400 Capacity per wheel: 200 kg
 1005A	Steel wheel Ø 106 mm mounted on ball bearings. Equips rollers 0700 Capacity per wheel: 350 kg

FLAT TRACK FIXING



1734 Plate for flat track fixing

Cross-section



> 1002A



> 1002FA



> 1004A



> 1005A



Serie SPORT

BOTTOM GUIDE TO BE SEALED

RÉF.	DESIGNATION
 1091	Horizontal sealing guide with 1 ZYTEL olive
 1092	Horizontal sealing guide with 2 ZYTEL olives

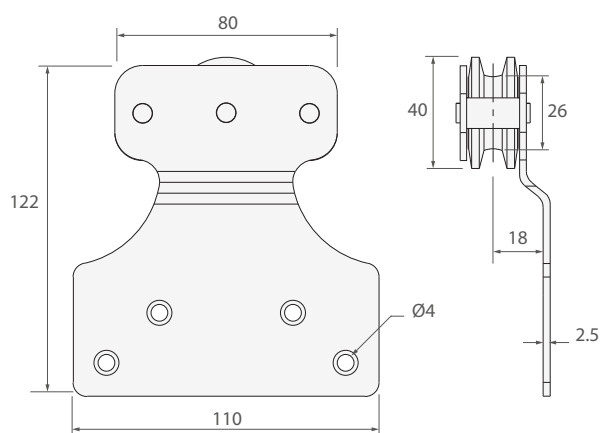
BOTTOM GUIDANCE TO BE SCREW-ON

RÉF.	DESIGNATION
 1091V	table guide with 1 olive ZYTEL - Screwing type
 1092V	Adjustable guide with 1 olive ZYTEL - Screwing type

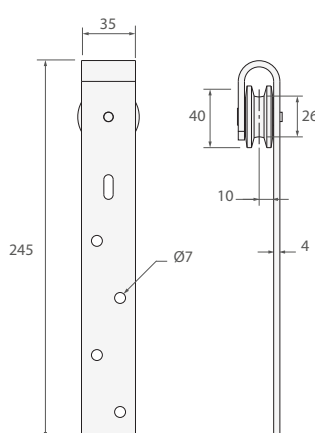


See the other guides and accessories available p.62

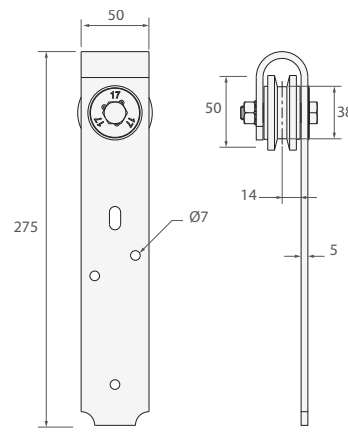
ROLLERS



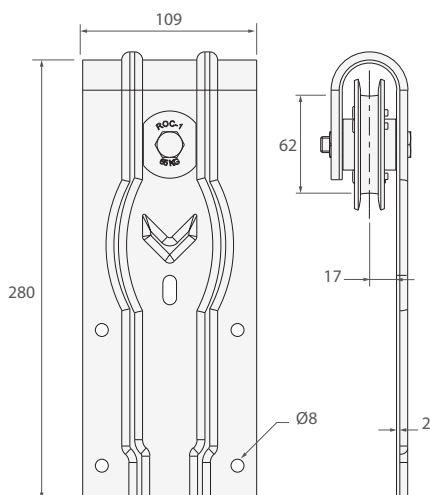
Roller **0042**



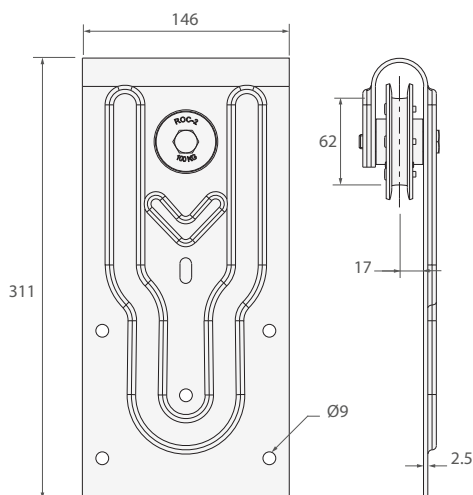
Roller **0015**



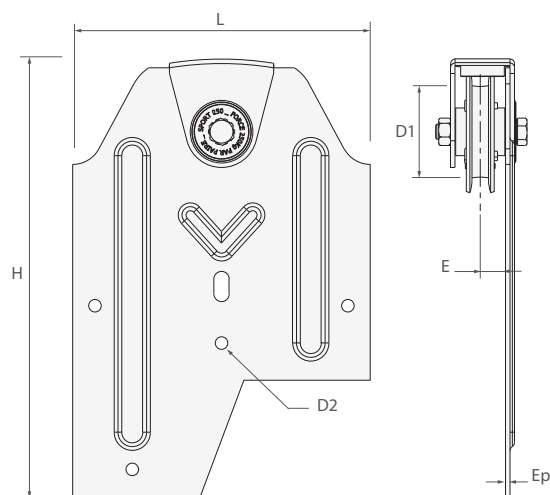
Roller **0017**



Rollers **ROC1A / ROC1F**

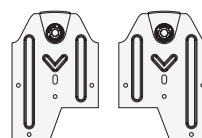


Rollers **ROC2A / ROC2F**



Item Nr	H	L	D1	D2	E	Ep
0250A 0250F	296	200	62	8.5	17	3
0400	343	220	86	11	22	3.5
0700	343	220	86	11	22	4

Rollers **0250 / 400 / 700**



**Left and right rollers
supplied together**

DRAWINGS

2D & 3D



2D or 3D drawings of all our products can be
downloaded from our website:

www.mantion.com

STRAIGHT SLIDING DOORS

EN1527



MADE IN FRANCE
SINCE 1920

- Ideal for **interior design**
- **Silencer:** Nylon rollers mounted on ball bearings
- **A complete range of rollers:** from 120 to 600 KG



FRICITION

1 2 3

DURABILITY

1 2 3 4 5 6

DOOR UP TO 120 KG	DOOR UP TO 200 KG	DOOR UP TO 400 KG	DOOR UP TO 600 KG
10300	10400	10500	10600

TRACKS			
ITEM NR			
10300/300	-	-	-
-	10400/400	-	-
-	10400/500	10500/500	10600/500
10300/600	10400/600	10500/600	10600/600
Ornamental stop (b)	-	-	10610
Ornamental stop (c)	9138	9148	9158
Stop (d)	9139	9149	9159

TRACK FIXINGS			
10033	10043	10053	10063
-	10043M	10053M	-
-	10044	10054	-
-	10044M	10054M	10064M

PANELS EQUIPMENT			
9232N	9242N	9252N	9262N
9235N	9245N	9255N	9265N
0056 (k)	0066 (l)	0086 (l)	0086 (l)
0055	0065	0085	0085
0051	0061	0081	0081

BOTTOM GUIDING			
1110/400			
1110/600			
1099 (p)	1099 (p)	1101 (q)	1101 (q)
1110GN			
1110GDL			

DESIGNATION

3 m aluminium track (a)

4 m aluminium track (a)

5 m aluminium track (a)

6 m aluminium track (a)

Ornamental stop (b)

Ornamental stop (c)

Stop (d)

Angle plate for the wall-fixing (e)

Joining bracket (f)

Bracket for the top-fixing (g)

Joining bracket (h)

Roller with swanneck, 4 wheels mounted on ball bearings with Nylon binding (i)

Ditto with removable collar (j)

Screwing plate, top-fixing

Welding type plate (m)

Adjustable apron set (n)

4 m U-profile 30x30 galvanised (o)

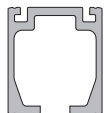
6 m U-profile 30x30 galvanised (o)

Bottom guide for U-profile 30x30

Nylon guide for U-profile 30x30 (r)
120x25x25 mm

Nylon guide for U-profile 30x30 (s)
100x25x25 mm

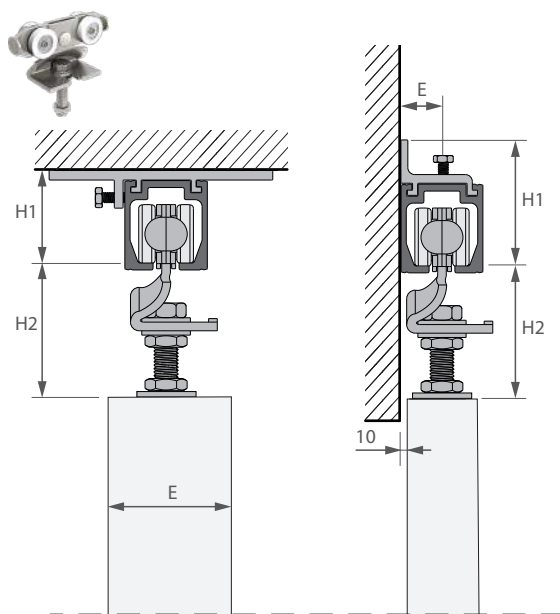




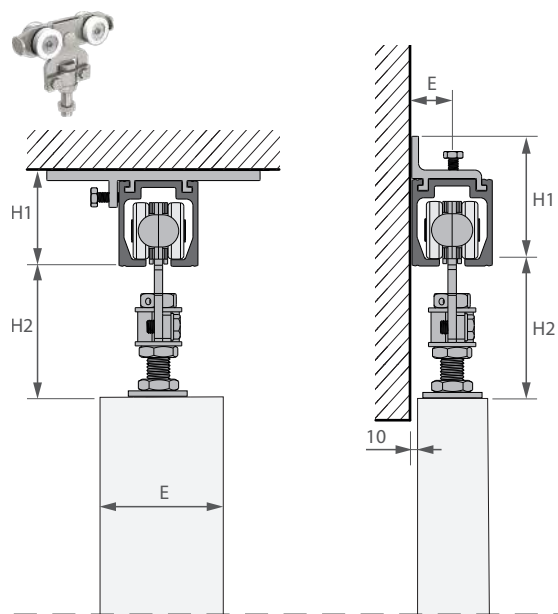
ALUMINIUM

CEILING MOUNTING EXAMPLES

Rollers with swanneck

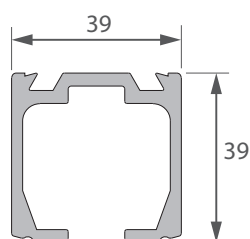


Rollers with removable collar

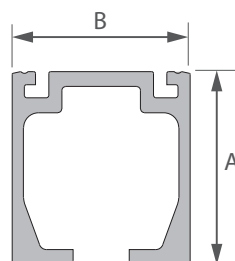


Track	H1	H2	E Min	H1	H2	E
10300	-	-	-	56	60±20	19.5
10400	61.5	65±20	35	73	65±20	26
10500	75	84±25	40	97	84±25	36
10600	94	72±20	40	124	72±20	45

Track	H1	H2	E Min	H1	H2	E
10300	-	-	-	56	60±20	19.5
10400	61.5	75±18	35	73	75±18	26
10500	75	90±16	40	97	90±16	36
10600	94	78±15	40	124	78±15	45



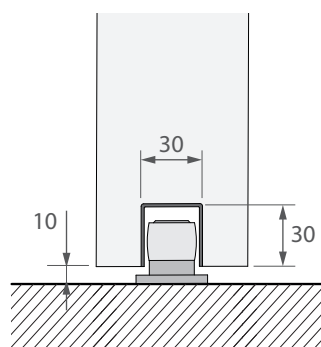
Track 10300



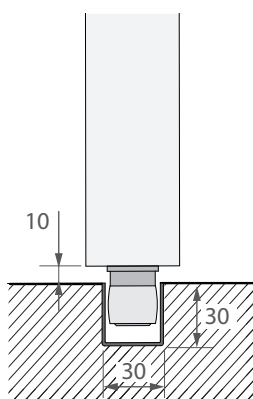
Tracks 10400
10500
10600

Item Nr	A	B
10400	51.5	47.5
10500	72	64
10600	90.5	79.5

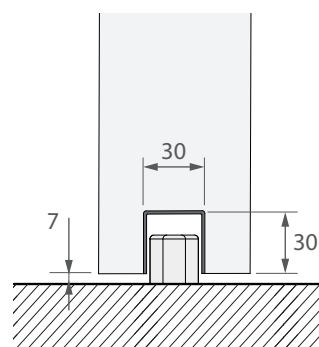
BOTTOM MOUNTING EXAMPLES



Mounting with U-profile
1110 embedded in the door
and guide 1099



Mounting with U-profile
1110 embedded in the floor
and guide 1099



Mounting with U-profile 1110
embedded in the door and guide
1110GN / 1110GDL

STRAIGHT SLIDING DOORS

EN1527



MADE IN FRANCE
SINCE 1920

- Tracks, rollers and accessories made of **100% stainless steel**
- 2 different qualities of stainless steel:
 - **304 L - A2** : for food industry ...
 - **316 L - A4** : for highly aggressive or corrosive environment, sea environment...



FRICTION

1 2 3

DURABILITY

1 2 3 4 5 6

	DOOR UP TO 60 KG 9010	DOOR UP TO 200 KG 9030	DOOR UP TO 400 KG 9040	DOOR UP TO 600 KG 9050
TRACKS				
DESIGNATION	ITEM NR			
6 m STAINLESS STEEL track A2 (a)	9010XA2/6	9030XA2/6	9040XA2/6	9050XA2/6
6 m STAINLESS STEEL track A4 (a)	9010XA4/6	9030XA4/6	9040XA4/6	-
Track stop inox A2	9118XA2 (b)	9139XA2 (c)	9149XA2 (c)	9159XA2 (c)
Track stop inox A4	9118XA4 (b)	9139XA4 (c)	9149XA4 (c)	-
TRACK FIXINGS				
Angle plate A2 (d)	9013XA2	9033XA2	9043XA2	9053XA2
Angle plate A4 (d)	9013XA4	9033XA4	9043XA4	-
Bracket A2 (f)	9011XA2	9031XA2	9041XA2	9051LXA2
Bracket A4 (f)	9011XA4	9031XA4	9041XA4	-
Bracket - welding type A2 (e)	9018XA2	9038XA2	9048XA2	9058XA2
Bracket - welding type A4 (e)	9018XA4	9038XA4	9048XA4	-
Soffit fixing bracket A2 (h)	9018HXA2	9038HXA2	9048HXA2	9058HXA2
Soffit fixing bracket A4 (h)	9018HXA4	9038HXA4	9048HXA4	-
Wall fixing bracket A2 (g)	9018VXA2	9038VXA2	9048VXA2	9058VXA2
Wall fixing bracket A4 (g)	9018VXA4	9038VXA4	9048VXA4	-
Joining bracket A2 (i)	9011MXA2	9031MXA2	9041MXA2	9051MXA2
Joining bracket A4 (i)	9011MXA4	9031MXA4	9041MXA4	-
PANELS EQUIPMENT				
Roller with swanneck A2 Delrin wheels	99212XA2 (j)	99232XA2 (j) (100 KG max)	-	-
Roller with swanneck A4 Delrin wheels	99212XA4 (j)	99232XA4 (j) (100 KG max)	-	-
Roller with swanneck A2 Nylon wheels	-	9232XSA2 (k) (200 KG max)	9242XSA2 (k)	-
Roller with swanneck A4 Nylon wheels	-	9232XSA4 (k) (200 KG max)	9242XSA4 (k)	-
Roller with removable collar A2 stainless steel wheels	-	9235XSA2 (l)	-	9255XSA2 (m)
Roller with removable collar A4 stainless steel wheels	-	9235XSA4 (l)	9245XSA4 (l)	-
Plate A2	0036XA2 (n)	0056XA2 (o)	0066XA2 (o)	0086XA2 (o)
Plate A4	0036XA4 (n)	0056XA4 (o)	0066XA4 (o)	-
BOTTOM GUIDING				
6 m U-profile 30x30 stainless steel A2	1110XA2/6 (p)			
6 m U-profile 30x30 stainless steel A4	1110XA4/6 (p)			
Bottom guide for U-profile 30x30	1099XA2 (q)			
Nylon guide for U-profile 30x30	1110GN (r) (120x25x25 mm)			
Nylon guide for U-profile 30x30	1110GDL (s) (100x25x25 mm)			
Finger pull in stainless steel A2	1290X (v) (200x90 mm)			

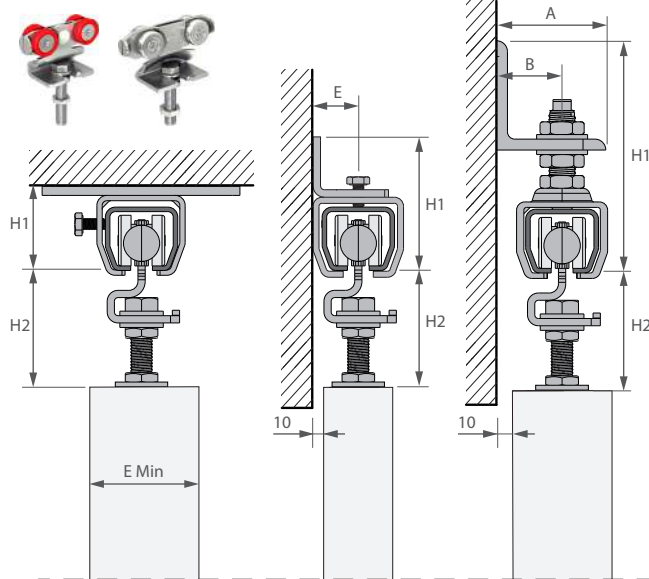




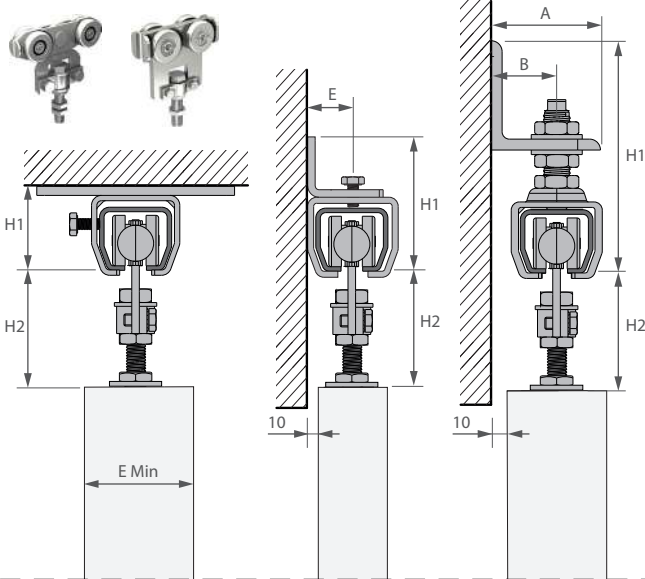
STAINLESS STEEL

CEILING MOUNTING EXAMPLES

Rollers with swanneck



Rollers with removable collar

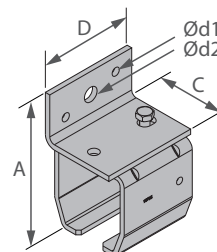
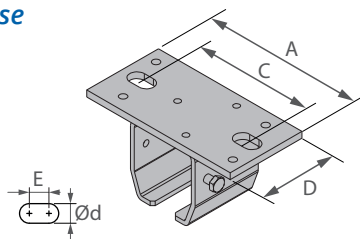
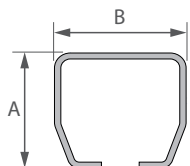


Track	H1	H2	E	H1	H2	E	A	B	H1	H2
9010X	35.5	52±15	25	57	52±15	18	40	24±6	96±7	50±15
9030X	43.5	59±20	30	68	59±20	24	60	36±10	128±5	59±20
9040X	54	75±25	35	91.5	75±25	29.5	70	40±10	147±3	75±25

Track	H1	H2	E	H1	H2	E	A	B	H1	H2
9030X	43.5	65±9	30	68	65±9	24	60	36±10	128±5	65±9
9040X	54	90±20	35	91.5	90±25	29.5	70	40±10	147±3	90±20
9050X	74	87±20	40	118	87±20	29.5	90	52±10	194±1	87±20



316L - A4 : Ideal for seaside use

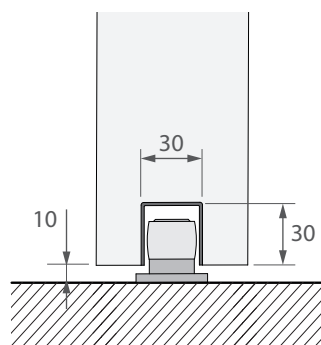


Item Nr	A	B
9010XA...	28	30
9030XA...	35	40
9040XA...	43.5	48.5
9050XA...	60	65

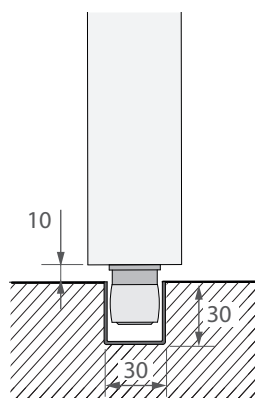
Item Nr	A	C	D	E	Ød
9018H...	100	70	40	8	9
9038H...	115	81	54	8	11
9048H...	130	94	65	8	13
9058H...	170	125	80	11	17

Item Nr	A	C	D	Ød1	Ød2
9018V...	58	36	40	9	5
9038V...	71	48	54	11	6
9048V...	93	59	65	13	7
9058V...	124	70	80	14	8

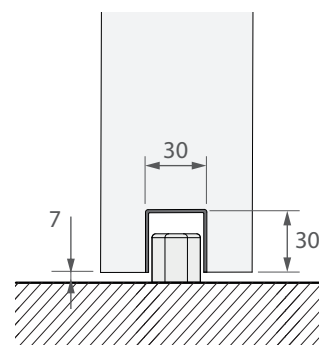
BOTTOM MOUNTING EXAMPLES



Mounting with U-profile **1110X** embedded in the door and guide **1099XA2**



Mounting with U-profile **1110X** embedded in the floor and guide **1099XA2**



Mounting with U-profile **1110X** embedded in the door and guide **1110GN / 1110GDL**

FOR ROUND THE CORNER DOORS

Series 300



FOR ROUND THE CORNER DOORS

Series BOB





SLIDING SYSTEMS

for **ROUND THE CORNER** doors



MADE IN FRANCE
SINCE 1920

EN1527

42

Series 300

Track **SPORTUB**



42-43

SCREWING TYPE

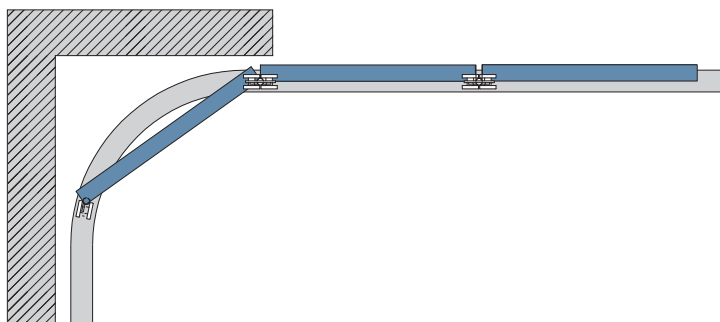
44-45

WELDING TYPE

46

Series BOB

Flat track



ROUND THE CORNER DOORS

EN1527



MADE IN FRANCE
SINCE 1920

- **Simple** and **durable** operation (**100 000 cycles**)
- **Environment:** the wheels are made of lead-free steel **LF**
- **Zinc Magnesium (ZM) protection** on all tracks, corrosion resistance up to 10 times better than standard galvanised steel
- **Specially designed rollers** for round the corner doors



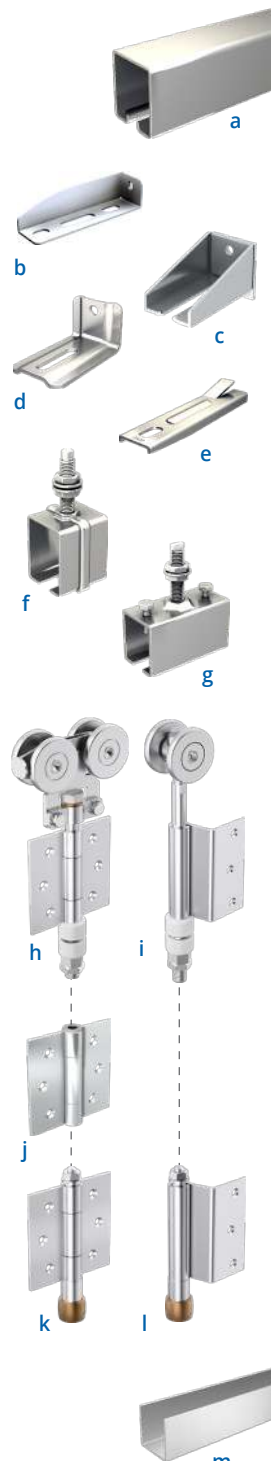
FOR PANELS UP TO 30 KG		FOR PANELS UP TO 60 KG		FOR PANELS UP TO 120 KG		FOR PANELS UP TO 200 KG	
TRACKS		TRACKS		TRACKS		TRACKS	
Item Nr	Designation	Item Nr	Designation	Item Nr	Designation	Item Nr	Designation
a 3530/400	4 m steel track	5040/400	4 m steel track	6255/400	4 m steel track	8570/400	4 m steel track
a 3530/500	5 m steel track	5040/500	5 m steel track	6255/500	5 m steel track	8570/500	5 m steel track
a 3530/600	6 m steel track	5040/600	6 m steel track	6255/600	6 m steel track	8570/600	6 m steel track
3530C*	Curve - R: 500 mm	5040C*	Curve - R: 600 mm	6255C*	Curve - R: 800 mm	8570C*	Curve - R: 1000 mm
TRACK FIXINGS		TRACK FIXINGS		TRACK FIXINGS		TRACK FIXINGS	
9014	Screwing plate (b)	6258L	Screwing plate (c)	6258L	Screwing plate (c)	9046CFL	Screwing plate (d)
e 3532	Sealing plate	5042	Sealing plate	6257	Sealing plate	8572	Sealing plate
f 3531	Bracket	5041	Bracket	6256	Bracket	8571	Bracket
g 3531MC	Joining bracket	5041MC	Joining bracket	6256MC	Joining bracket	8578MC	Joining bracket
3539	Sealing angle steel for curve	5049	Sealing angle steel for curve	6264	Sealing angle steel for curve	8579	Sealing angle steel for curve
PANELS EQUIPMENT		PANELS EQUIPMENT		PANELS EQUIPMENT		PANELS EQUIPMENT	
h 0332	Intermediate roller with hinge Capacity: 30 kg	0352	Intermediate roller with hinge Capacity: 60 kg	0362	Intermediate roller with hinge Capacity: 120 kg	0382	Intermediate roller with hinge Capacity: 200 kg
i 0332E	Offset end roller Capacity: 15 kg	0352E	Offset end roller Capacity: 30 kg	0362E	Offset end roller Capacity: 60 kg	0382E	Offset end roller Capacity: 100 kg
j 1510C	Hinge 80x60 axle Ø10, top fixing	1512C	Hinge 85x85 axle Ø12, top fixing	1514C	Hinge 120x100 axle Ø14, top fixing	1516C	Hinge 120x100 axle Ø16, top fixing
k 1104	Bottom guide with hinge	1105	Bottom guide with hinge	1106	Bottom guide with hinge	1108	Bottom guide with hinge
l 1104E	Offset bottom guide with hinge	1105E	Offset bottom guide with hinge	1106E	Offset bottom guide with hinge	1108E	Offset bottom guide with hinge
BOTTOM GUIDE PROFILES		BOTTOM GUIDE PROFILES		BOTTOM GUIDE PROFILES		BOTTOM GUIDE PROFILES	
m 1109/400	U-profile 25x17 length 4 m.	1110/400	U-profile 30x30 length 4 m.	1110/400	U-profile 30x30 length 4 m.	1110/400	U-profile 30x30 length 4 m.
m 1109/500	Ditto 5 m long	1110/500	Ditto 5 m long	1110/500	Ditto 5 m long	1110/500	Ditto 5 m long
m 1109/600	Ditto 6 m long	1110/600	Ditto 6 m long	1110/600	Ditto 6 m long	1110/600	Ditto 6 m long
1109M	Joining bracket for U-profile	1110M	Joining bracket for U-profile	1110M	Joining bracket for U-profile	1110M	Joining bracket for U-profile
1109C*	U-curve 25x17 R: 500 mm	1111C*	U-curve 30x30 R: 600 mm	1112C*	U-curve 30x30 R: 800 mm	1113C*	U-curve 30x30 R: 1000 mm

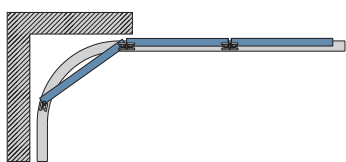
*panel up to 550 mm

*panel up to 650 mm

*panel up to 900 mm

*panel up to 1100 mm

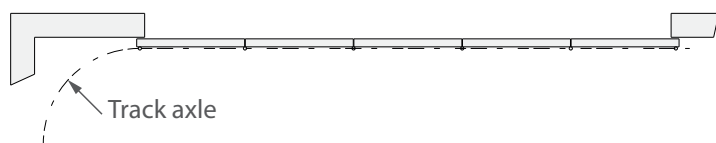




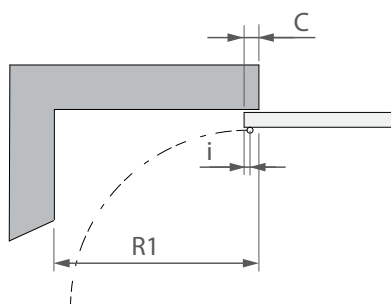
serie 300 screwing type

200
kg

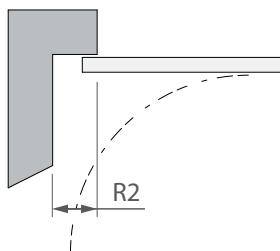
VERTICAL & HORIZONTAL CROSS-SECTIONS



with service door



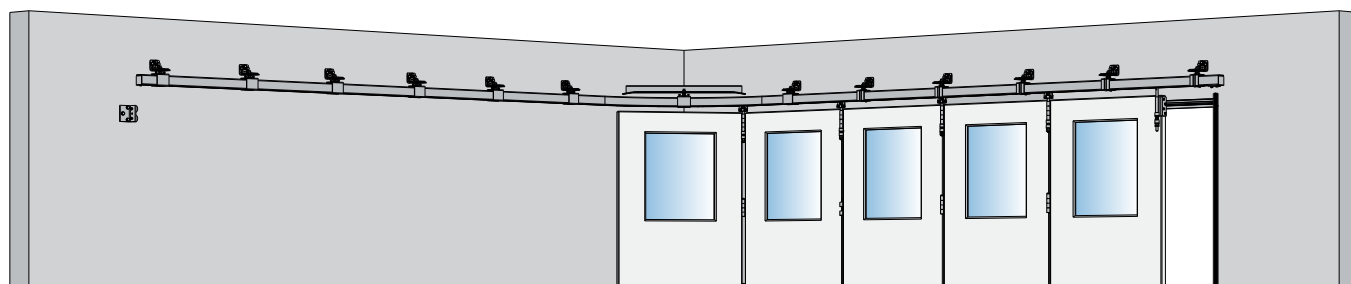
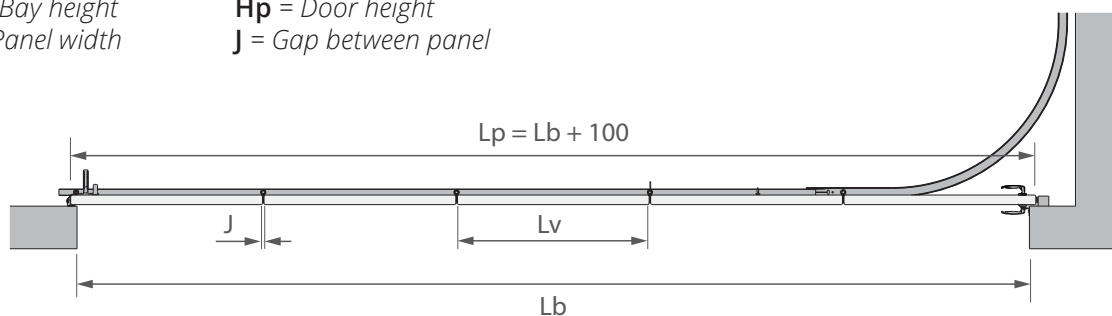
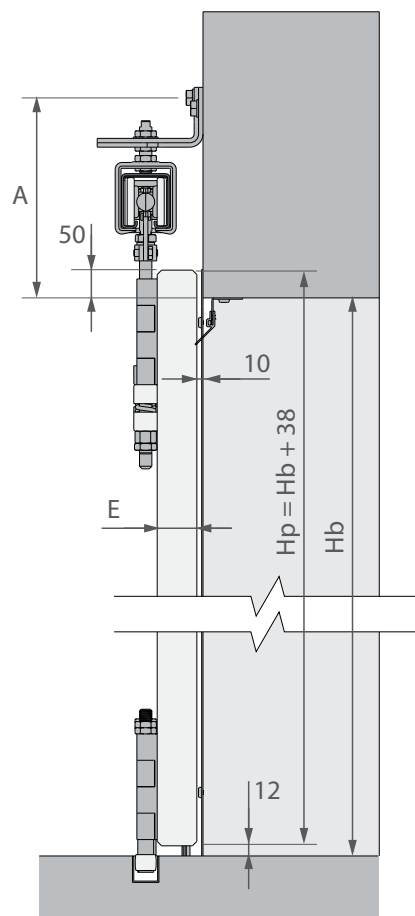
**without service door
(non-motorizable)**



Track	I	C	R1	R2	J	A	E Max
3530	15	50	590	50	4	70	65
5040	26	50	690	150	6	115	80
6255	26	50	890	350	7	136	80
8570	33	50	1090	550	11	187	95

Lb = Bay width
Hb = Bay height
Lv = Panel width

Lp = Total door width
Hp = Door height
J = Gap between panel



ACCESSORIES

Handles
see p.61



Bolts
see p.60



Locks
see p.61



Stops
see p.60



Sealing
see p.32



ROUND THE CORNER DOORS

EN1527



MADE IN FRANCE
SINCE 1920

- **Simple** and **durable** operation (**100 000 cycles**)
- **Environment:** the wheels are made of lead-free steel **LF**
- **Zinc Magnesium (ZM) protection** on all tracks, corrosion resistance up to 10 times better than standard galvanised steel
- **Specially designed rollers** for round the corner doors



FOR PANELS UP TO 60 KG

TRACKS

ITEM NR DESIGNATION

- a **5040/400** 4 m steel track
- a **5040/500** 5 m steel track
- a **5040/600** 6 m steel track
- 5040C*** Curve - R: 600 mm

TRACK FIXINGS

- b **6258L** Screwing plate
- c **5042** Sealing plate
- d **5041** Bracket
- e **5041MC** Jointing bracket
- 5049** Sealing angle steel for curve

PANELS EQUIPMENT

- f **0352SO** Intermediate roller
Capacity: 60 kg
- g **0352SOE** Offset end roller
Capacity: 30 kg
- h **1512SO** Hinge welding type axle Ø12
- i **1105SO** Bottom guide with welding type hinge
- j **1105SOE** Offset bottom guide with welding type hinge

BOTTOM GUIDE PROFILES

- k **1110/400** U-profile 30X30 length 4 m.
- k **1110/500** Ditto 5 m long
- k **1110/600** Ditto 6 m long
- 1110M** Jointing bracket for U-profile
- 1111C*** U-curve 30x30 R: 600 mm

*panel up to 650 mm

FOR PANELS UP TO 120 KG

TRACKS

ITEM NR DESIGNATION

- 6255/400** 4 m steel track
- 6255/500** 5 m steel track
- 6255/600** 6 m steel track
- 6255*** Curve - R: 800 mm

TRACK FIXINGS

- 6258L** Screwing plate
- 6257** Sealing plate
- 6256** Bracket
- 6256MC** Jointing bracket
- 6264** Sealing angle steel for curve

PANELS EQUIPMENT

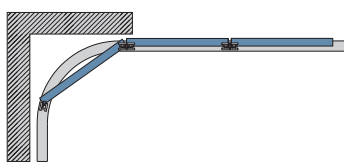
- 0362SO** Intermediate roller
Capacity: 120 kg
- 0362SOE** Offset end roller
Capacity: 60 kg
- 1514SO** Hinge welding type axle Ø14
- 1106SO** Bottom guide with welding type hinge
- 1106SOE** Offset bottom guide with welding type hinge

BOTTOM GUIDE PROFILES

- 1110/400** U-profile 30X30 length 4 m.
- 1110/500** Ditto 5 m long
- 1110/600** Ditto 6 m long
- 1110M** Jointing bracket for U-profile
- 1112C*** U-curve 30x30 R: 800 mm

*panel up to 900 mm





serie 300 welding type

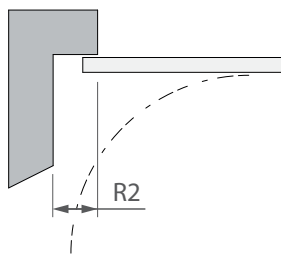
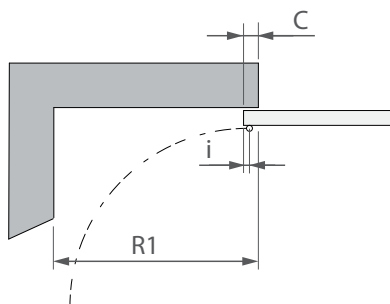
120 kg

VERTICAL & HORIZONTAL CROSS-SECTIONS



with service door

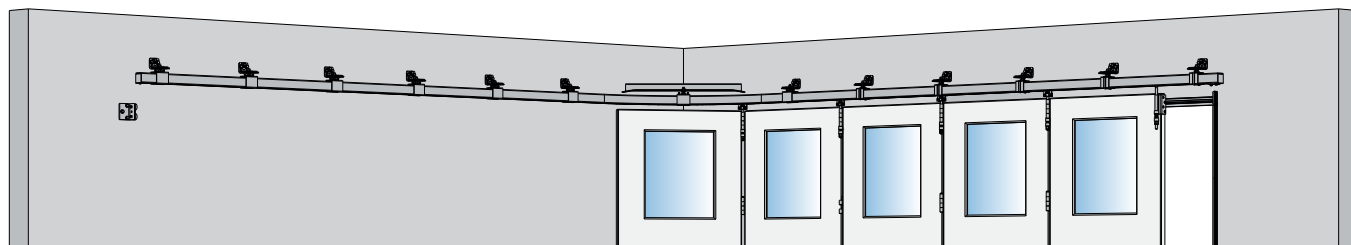
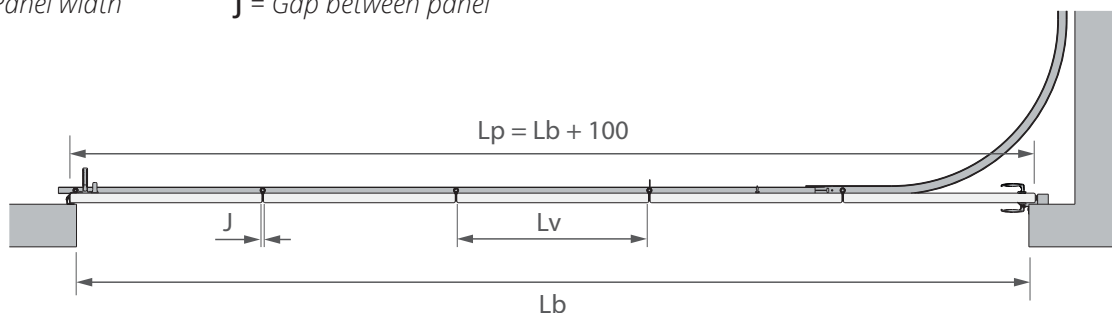
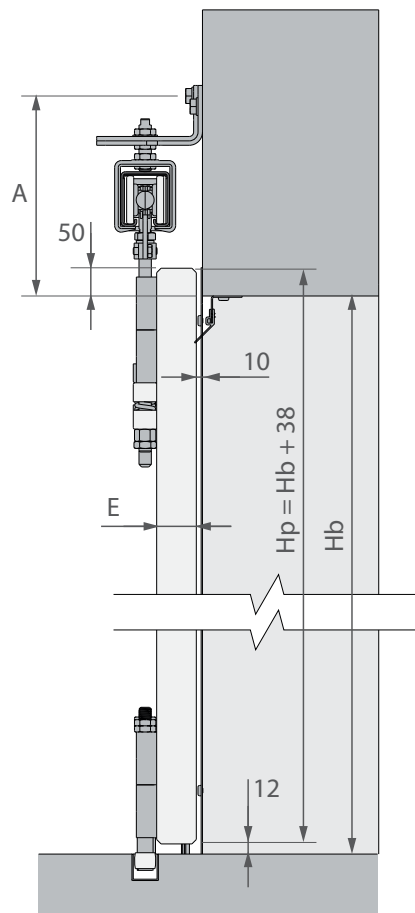
without service door
(non-motorizable)



Track	I	C	R1	R2	J	A	E Max
5040	26	50	690	150	6	115	80
6255	26	50	890	350	7	136	80

Lb = Bay width
Hb = Bay height
Lv = Panel width

Lp = Total door width
Hp = Door height
J = Gap between panel



ACCESSORIES

Handles
see p.61



Bolts
see p.60



Locks
see p.61



Stops
see p.60



Sealing
see p.32



ROUND THE CORNER DOORS

EN1527



MADE IN FRANCE
SINCE 1920

- The spring of the hanger enables **asteady load distribution**
- The easiest sliding system to assemble. Maintenance free
- Possibility of installing a **service door**



FRICITION

1 2 **3**

DURABILITY

1 2 3 4 5 **6**

BOB50

FOR PANELS UP TO
50 KG

TRACK FIXING

ITEM NR	DESIGNATION
1703 (a)	Bracket screwing type for track of 40x6 mm section

PROFILE

1716 (c)	Profile. Section 40x6 mm in galvanised steel, drilled. 2 m long
1717 (c)	Ditto 1.50 m long
1709 (d)	Joining plate for profiles 1716
1722	Galvanised profiled curve - 40x6 mm section Radius: 500 mm For max. 550 mm panels

PANELS EQUIPMENT

BOB50 (e)	Side-fixing roller with polyamide wheels mounted on needle roller bearings
BOB50E (f)	End roller with polyamide wheels mounted on needle roller bearings
1512P (g)	Top-fixing hinge 85x85 mm, spindle Ø 12 mm

BOTTOM GUIDE PROFILES

1011 (i)	Cast iron shoe guide, adjustable from 21 to 50 mm
1012 (j)	Half shoe guide in cast iron
1012N (k)	Half shoe guide in full nylon, screwing type

BOB100

FOR PANELS UP TO
100 KG

TRACK FIXINGS

ITEM NR	DESIGNATION
1752 (b)	Bracket screwing type for track of 50x6 mm section

PROFILE

For use with commercial flat iron (drawn steel)
50x6 mm

PANELS EQUIPMENT

BOB100 (e)	Side-fixing roller with polyamide wheels mounted on needle roller bearings
BOB100E (f)	End roller with polyamide wheels mounted on needle roller bearings
1516P (h)	Top-fixing hinge 120x100 mm, spindle Ø 16 mm

BOTTOM GUIDE PROFILES

1014 (i)	Cast iron shoe guide, adjustable from 32 to 70 mm
1015 (j)	Half shoe guide in cast iron
1012N (k)	Half shoe guide in full nylon, screwing type

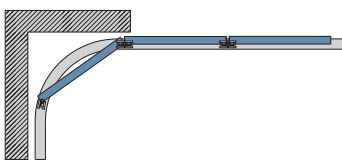


c



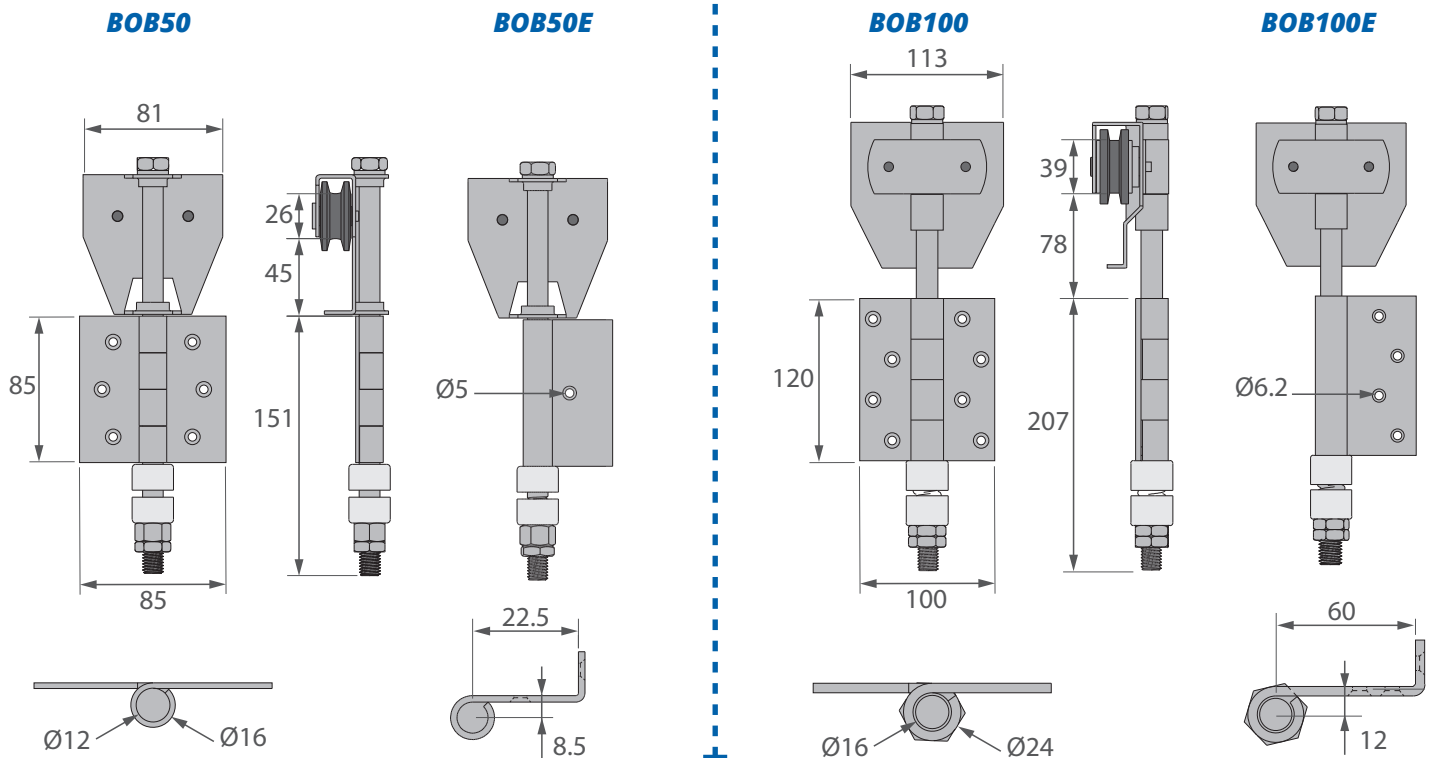
with a service door:

the weight of a panel has to be multiplied by 1.5



serie BOB

BOB ROLLERS

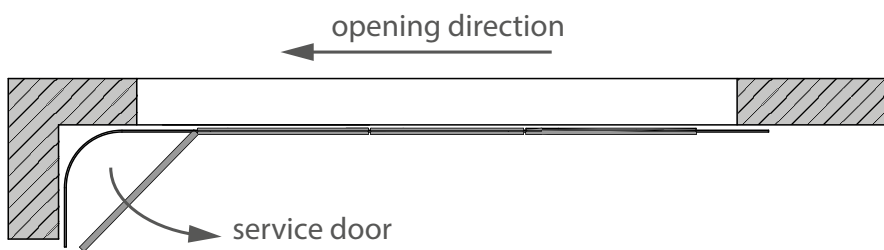


hinges:

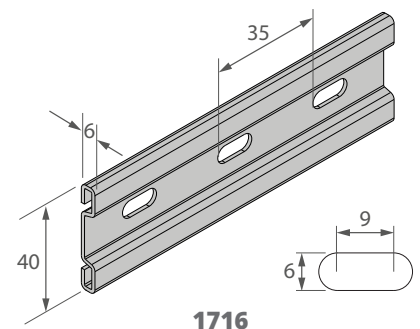
the hinges fixed on the panels and those fixed under the hangers must be identical to those equipping the hangers.

SMALL QUOIN OPENINGS

PROFILE 40X6



In case of openings with small quoins, the service door shall be placed on the push back side.



ENDFOLD SYSTEM

Series 500



CENTERFOLD SYSTEM

Series 600





FOLDING SYSTEMS



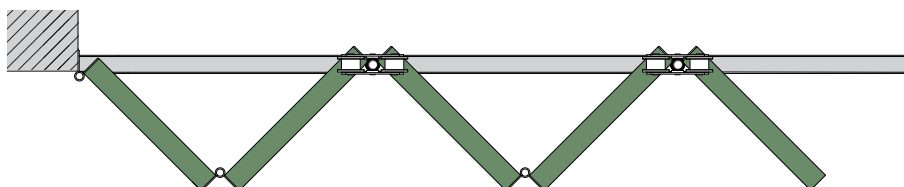
MADE IN FRANCE
SINCE 1920

EN1527

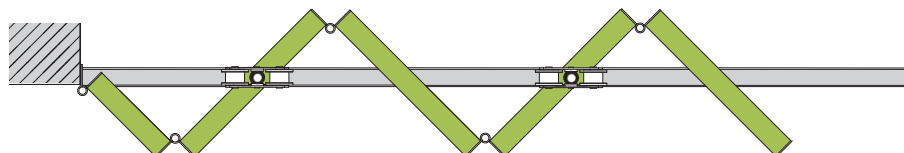
50 Series 500 ENDFOLD SYSTEM

52-53 SERIE SCREWING TYPE

54-55 SERIE WELDING TYPE



56 Series 600 CENTERFOLD SYSTEM

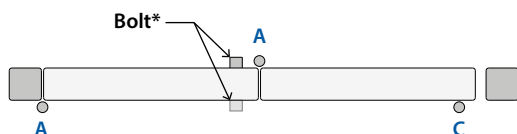


SLIDING/FOLDING SYSTEMS ENDFOLD SYSTEM

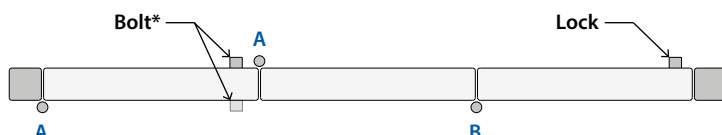
EXAMPLES OF ASSEMBLY:

> 1 group with an EVEN NUMBER of panels

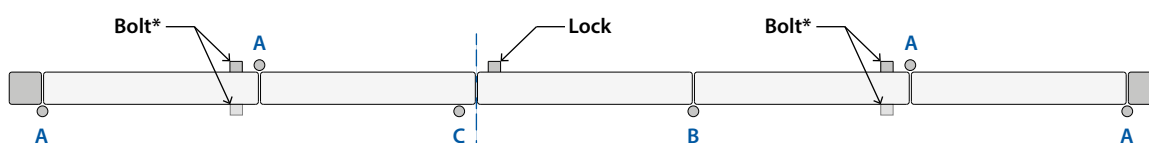
* Always on the inside



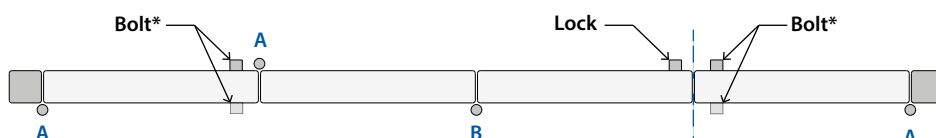
> 1 group with an ODD NUMBER of panels



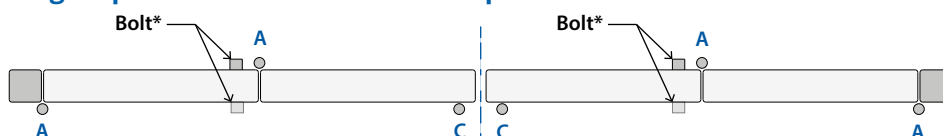
> 1 group with an EVEN NUMBER of panels + 1 SERVICE DOOR or 1 group with an ODD NUMBER of panels



> 1 group with an ODD NUMBER of panels + 1 SERVICE DOOR or 1 group with an ODD NUMBER of panels



> 2 groups with an ODD NUMBER of panels



SCREWING TYPE (see p.52-53)				WELDING TYPE (see p.54-55)		
	A	B	C	A	B	C
	3530	1510C	0532 + 1510C + 1104	0532E + 1104E	-	-
	5040	1512C	0552 + 1512C + 1105	0552E + 1105E	1512SO	0552SO + 1512SO + 1105SO
	6255	1514C	0562 + 1514C + 1106	0562E + 1106E	1514SO	0562SO + 1514SO + 1106SO

ACCESSORIES (see p.60)

1314
13161314E
1316E1314SO
1316SO1301TN
1302

GJ10530BO



GJ10530KL



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Configuring your project couldn't be as easier as this!
All you have to do is enter the dimensions of your opening and your options.
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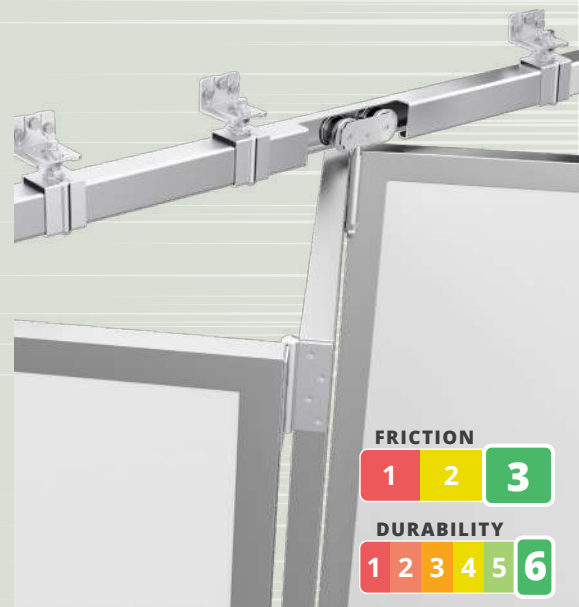


ENDFOLD SYSTEM

EN1527



MADE IN FRANCE
SINCE 1920



FRICITION

1 2 3

DURABILITY

1 2 3 4 5 6

- **Simple** and **durable** operation (**100 000 cycles**)
- **Environment:** the wheels are made of lead-free steel **LF**
- **Zinc Magnesium (ZM) protection** on all tracks, corrosion resistance up to 10 times better than galvanised steel
- Solution which combines a **wide opening with a service door**
- **Reduced space** needed when open

FOR PANELS UP TO 20 KG

TRACKS

ITEM NR	DESIGNATION
3530/400	Galvanised track 35x30 mm length 4 m.

a **3530/500** Ditto 5 m long.

a **3530/600** Ditto 6 m long.

TRACK FIXINGS*

b 3631M	Wall-fixing bracket
c 3533	Angle plate screwing type
d 3531	Bracket
e 3531MC	Joining bracket with short rod

* see other fasteners p.13

PANELS EQUIPMENT

f 0532	Intermediate roller Capacity: 40 kg
g 0532E	Offset end roller Capacity: 20 kg
h 1510C	Hinge 80x60, axle Ø10, top fixing
i 1104	Bottom guide on a hinge for U-profile 25x17
j 1104E	Off-center bottom end guide for U-profile 25x17

BOTTOM GUIDE PROFILES

k 1109/400	U-profile 25x17 length 4 m.
k 1109/500	Ditto 5 m long.
k 1109/600	Ditto 6 m long.
1109M	Joining bracket for U-profile 1109

FOR PANELS UP TO 35 KG

TRACKS

ITEM NR	DESIGNATION
5040/400	Galvanised track 50x40 mm length 4 m.

5040/500 Ditto 5 m long.

5040/600 Ditto 6 m long.

TRACK FIXINGS*

5041M	Wall-fixing bracket
5043	Angle plate screwing type
5041	Bracket
5041MC	Joining bracket with short rod

* see other fasteners p.17

PANELS EQUIPMENT

0552	Intermediate roller Capacity: 75 kg
0552E	Offset end roller Capacity: 37 kg
1512C	Hinge 85x85, axle Ø12, top fixing
1105	Bottom guide on a hinge for U-profile 30x30
1105E	Off-center bottom end guide for U-profile 30x30

BOTTOM GUIDE PROFILES

1110/400	U-profile 30x30 length 4 m.
1110/500	Ditto 5 m long.
1110/600	Ditto 6 m long.
1110M	Joining bracket for U-profile 1110

FOR PANELS UP TO 75 KG

TRACKS

ITEM NR	DESIGNATION
6255/400	Galvanised track 62x55 mm length 4 m.

6255/500 Ditto 5 m long.

6255/600 Ditto 6 m long.

TRACK FIXINGS

6356M	Wall-fixing bracket
6258	Angle plate screwing type
6256	Bracket
6256MC	Joining bracket with short rod

* see other fasteners p.21

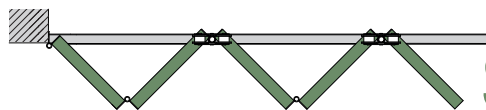
PANELS EQUIPMENT

0562	Intermediate roller Capacity: 150 kg
0562E	Offset end roller Capacity: 75 kg
1514C	Hinge 120x100, axle Ø14, top fixing
1106	Bottom guide on a hinge for U-profile 30x30
1106E	Off-center bottom end guide for U-profile 30x30

BOTTOM GUIDE PROFILES

1110/400	U-profile 30x30 length 4 m.
1110/500	Ditto 5 m long.
1110/600	Ditto 6 m long.
1110M	Joining bracket for U-profile 1110



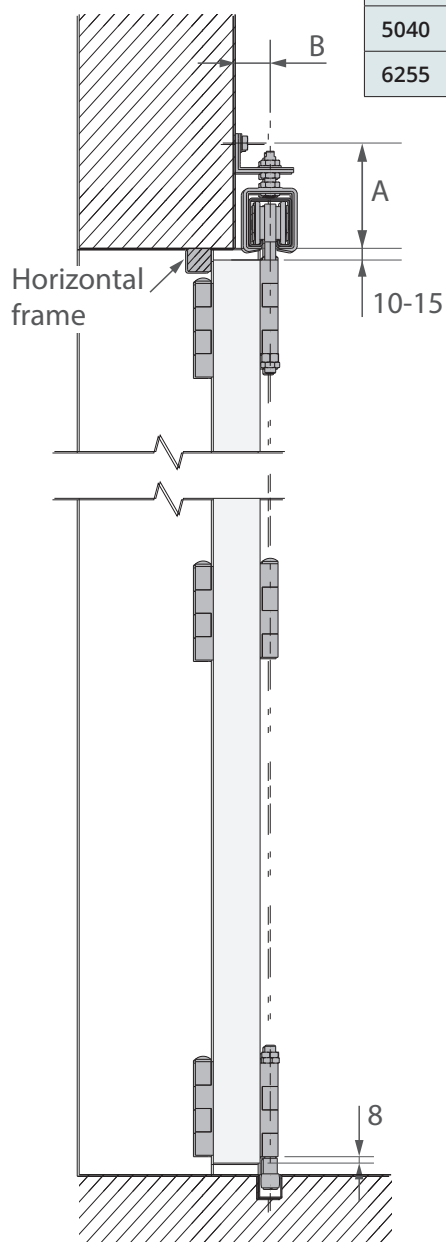


serie 500 screwing type

75 kg

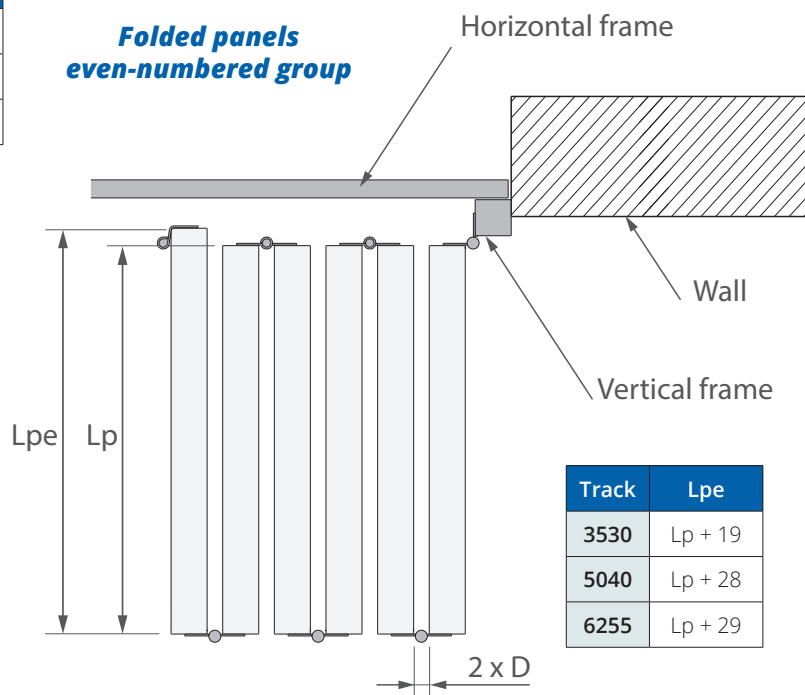
VERTICAL & HORIZONTAL CROSS-SECTIONS

Vertical cross-section



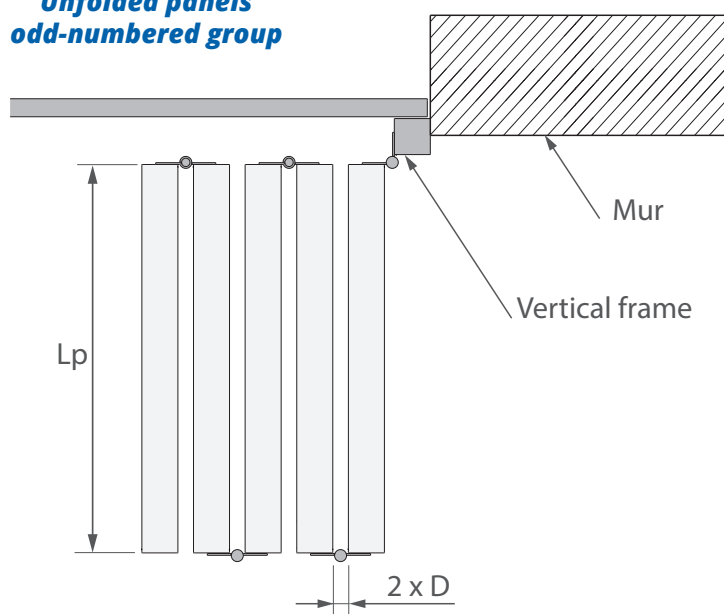
Track	A	B
3530	80	25
5040	125	35
6255	135	45

Folded panels even-numbered group

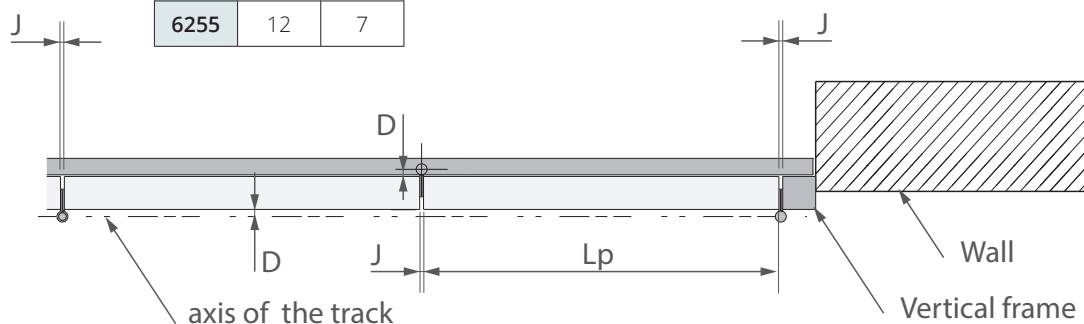


Track	Lpe
3530	$Lp + 19$
5040	$Lp + 28$
6255	$Lp + 29$

Unfolded panels odd-numbered group



Track	D	J
3530	8	5
5040	10	6
6255	12	7



ENDFOLD SYSTEM

EN1527



MADE IN FRANCE
SINCE 1920



FRICITION

1 2 3

DURABILITY

1 2 3 4 5 6

- **Simple** and **durable** operation (**100 000 cycles**)
- **Environment:** the wheels are made of lead-free steel **LF**
- **Zinc Magnesium (ZM) protection** on all tracks, corrosion resistance up to 10 times better than galvanised steel
- Solution which combines a **wide opening with a service door**
- **Reduced space** needed when open

FOR PANELS UP TO 35 KG

TRACKS

ITEM NR DESIGNATION

- a **5040/400** Galvanised track 50 x 40 mm length 4 m.
- a **5040/500** Ditto 5 m long.
- a **5040/600** Ditto 6 m long.

TRACK FIXINGS*

- b **5041M** Wall-fixing bracket
- c **5043** Angle plate screwing type
- d **5041** Bracket
- e **5041MC** Jointing bracket with short rod

* see other fasteners p.17

PANELS EQUIPMENT

- f **0552SO** Intermediate roller **Capacity: 75 kg**
- g **0552SOE** Offset end roller **Capacity: 37 kg**
- h **1512SO** Hinge welding type Ø12
- i **1105SO** Bottom guide on a hinge for U-profile 30x30
- j **1105SOE** Off-center bottom end guide for U-profile 30x30

BOTTOM GUIDE PROFILES

- k **1110/400** U-profile 30X30 length 4 m.
- k **1110/500** Ditto 5 m long.
- k **1110/600** Ditto 6 m long.
- 1110M** Jointing bracket for U-profile 1110

FOR PANELS UP TO 75 KG

TRACKS

ITEM NR DESIGNATION

- 6255/400** Galvanised track 62 x 55 mm length 4 m.
- 6255/500** Ditto 5 m long.
- 6255/600** Ditto 6 m long.

TRACK FIXINGS*

- 6356M** Wall-fixing bracket
- 6258** Angle plate screwing type
- 6256** Bracket
- 6256MC** Jointing bracket with short rod

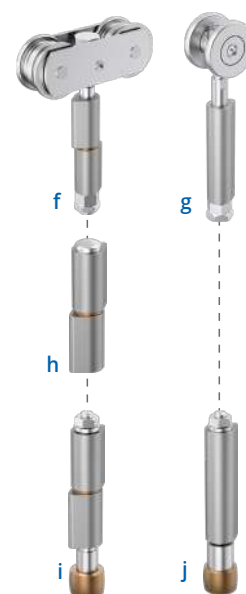
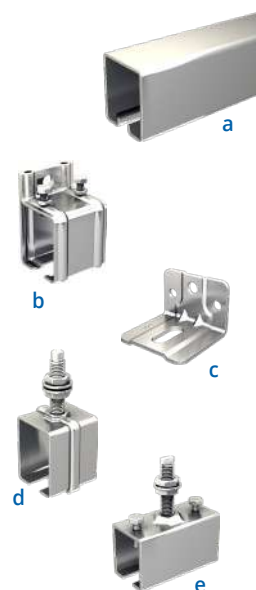
* see other fasteners p.21

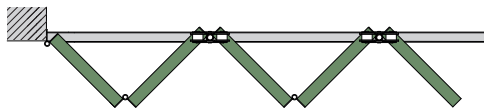
PANELS EQUIPMENT

- 0562SO** Intermediate roller **Capacity: 150 kg**
- 0562SOE** Offset end roller **Capacity: 75 kg**
- 1514SO** Hinge welding type Ø14
- 1106SO** Bottom guide on a hinge for U-profile 30x30
- 1106SOE** Off-center bottom end guide for U-profile 30x30

BOTTOM GUIDE PROFILES

- 1110/400** U-profile 30X30 length 4 m.
- 1110/500** Ditto 5 m long.
- 1110/600** Ditto 6 m long.
- 1110M** Jointing bracket for U-profile 1110



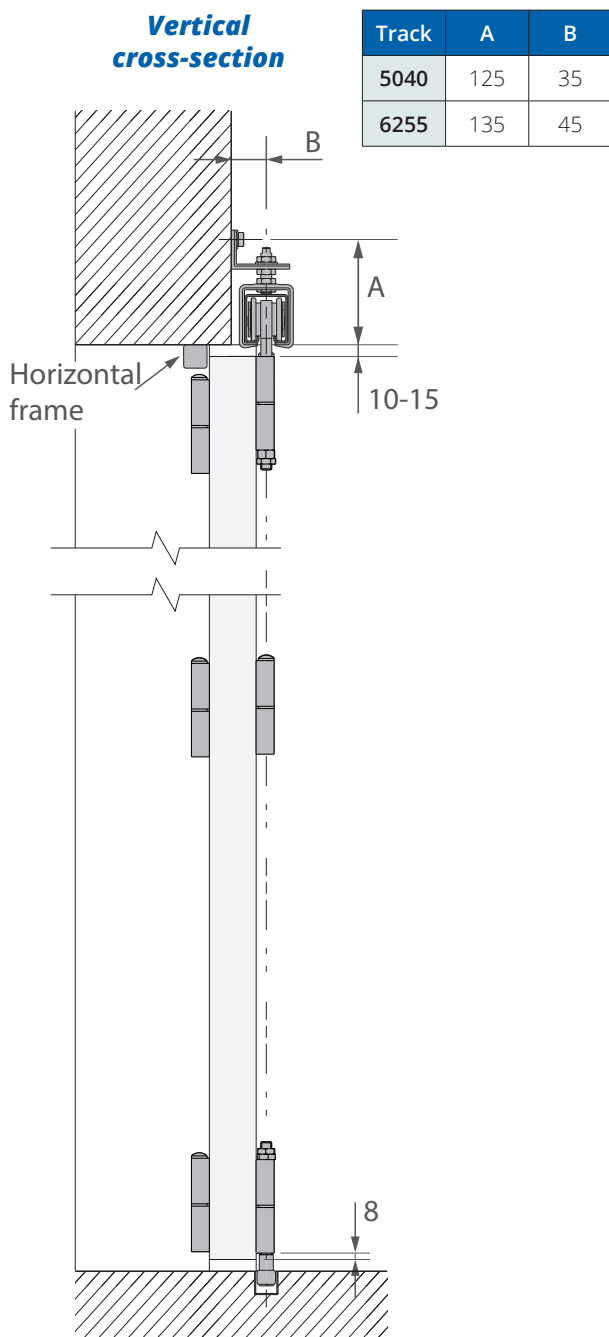


serie 500 welding type

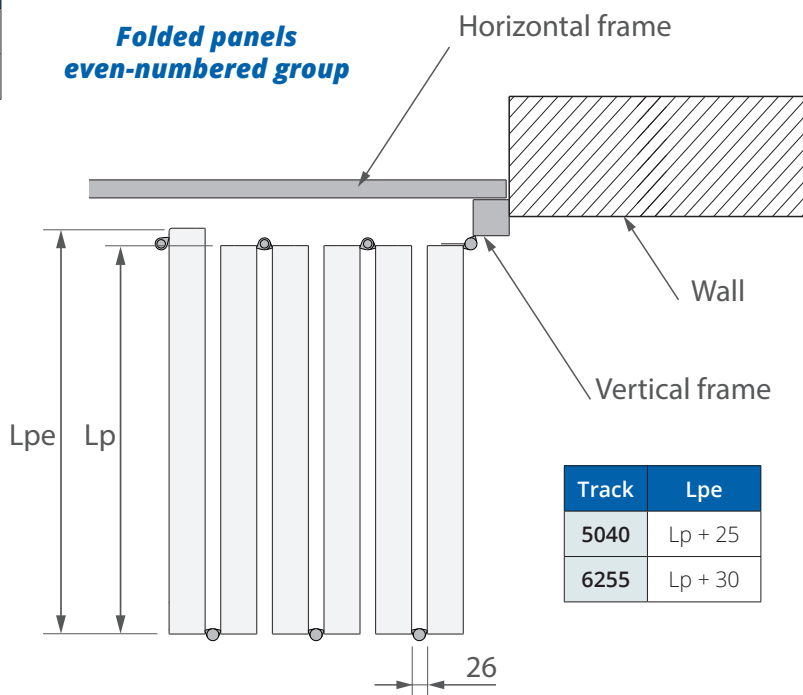


VERTICAL & HORIZONTAL CROSS-SECTIONS

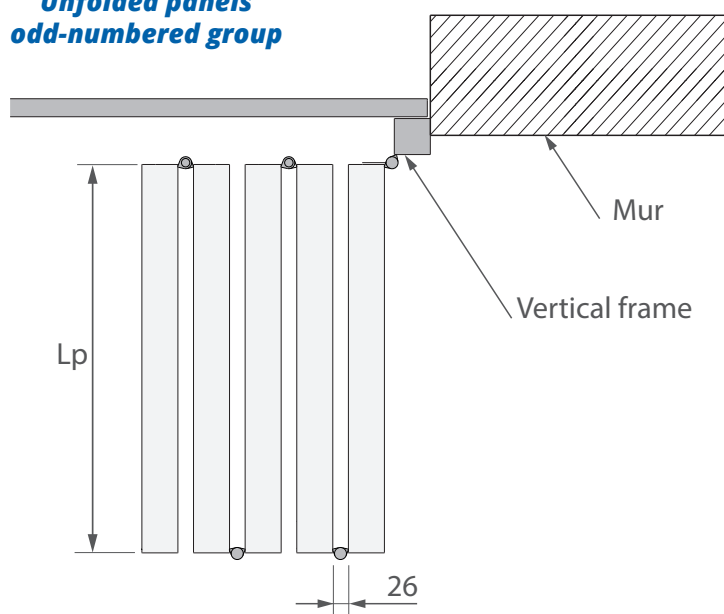
Vertical cross-section



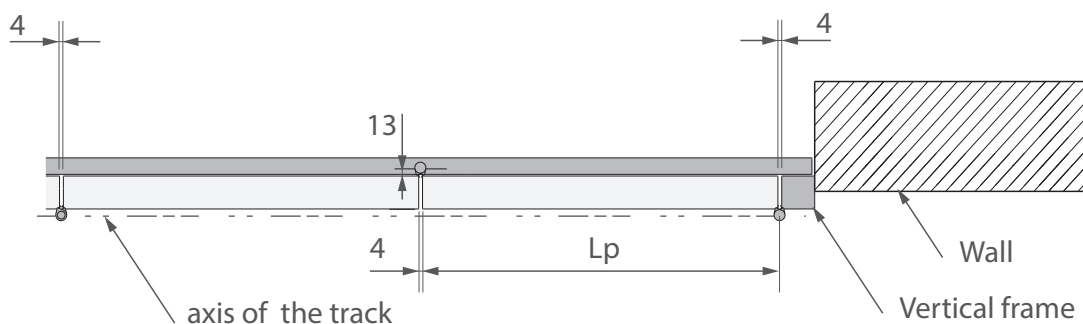
Folded panels even-numbered group



Unfolded panels odd-numbered group



Folded panels



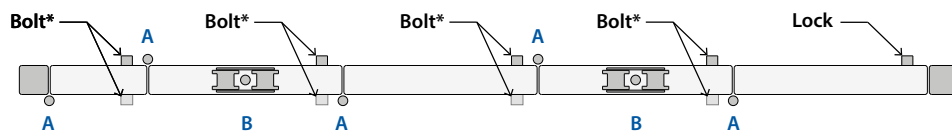
EXAMPLES OF ASSEMBLY:

**Starting half-panel:**

Serie 600 folding doors are characterized by a 1/2 panel fixed to the frame.

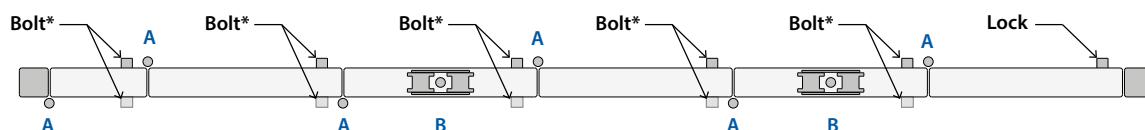
WITH SERVICE DOOR

> 1 group with an EVEN NUMBER of panels



All panels can be divided into 2 opposing groups for wide bays.

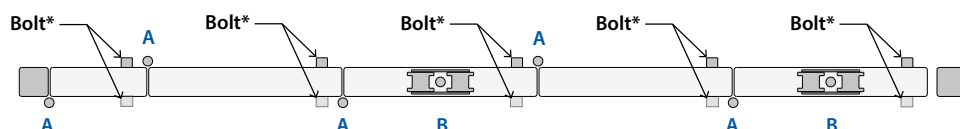
> 1 group with an ODD NUMBER of panels



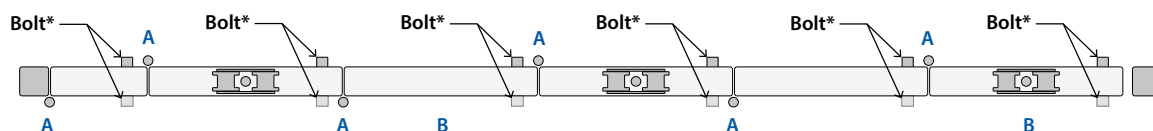
* Always on the inside

WITHOUT SERVICE DOOR

> 1 group with an EVEN NUMBER of panels



> 1 group with an ODD NUMBER of panels



HINGES		TOP GUIDANCE	+	BOTTOM GUIDE
SCREWING TYPE	WELDING TYPE			
A		B		
1510C	1510SO	0633 (A ou D) + 0036		1102 + 1109
1512C	1512SO	0653 (A ou D) + 0056		1099 + 1110
1514C	1514SO	0663 + 0066		1099 + 1110
1516C	1516SO	0683 + 0086		1059 + 1115
		 + 		 + 

ACCESSORIES (see p.60)



1314
1316



1314E
1316E



1314SO
1316SO



1301TN
1302



GJ10530BO



GJ10530KL



QUOTE ONLINE
SlidSoft

Configuring your project couldn't be as easier as this!
All you have to do is enter the dimensions of your opening and your options.
You'll also have access to full details of products and plans..



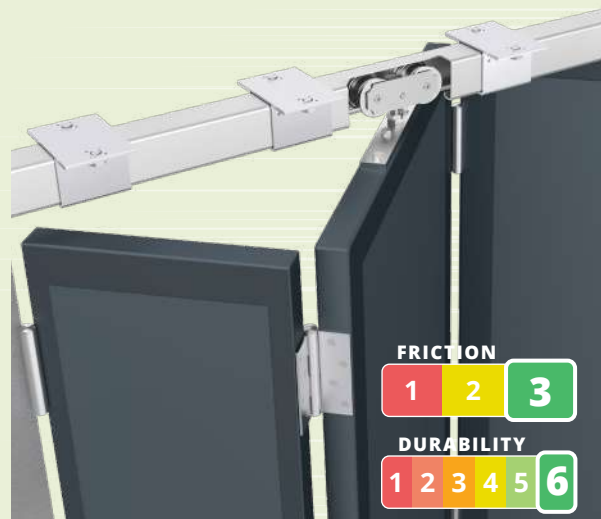
CENTERFOLD SYSTEM

EN1527



MADE IN FRANCE
SINCE 1920

- **Simple** and **durable** operation (**100 000 cycles**)
- **Environment:** the wheels are made of lead-free steel **LF**
- **Zinc Magnesium (ZM) protection** on all tracks, corrosion resistance up to 10 times better than galvanised steel
- Solution which combines a **wide opening with a service door**
- **Reduced space** needed when open



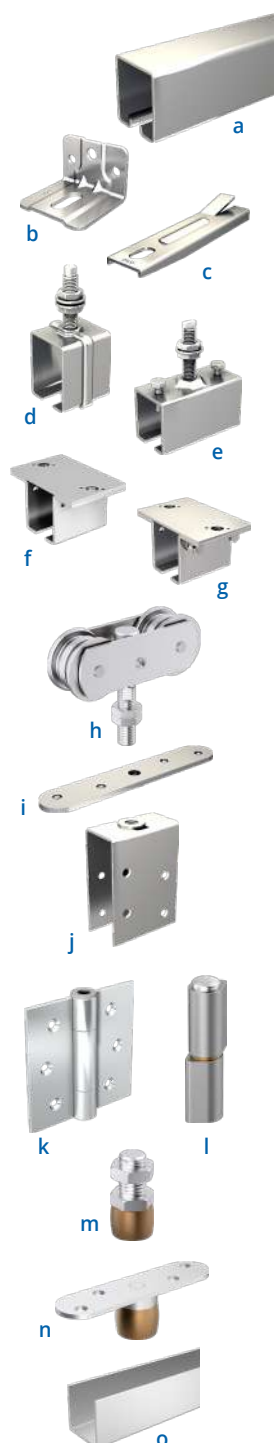
FRICION

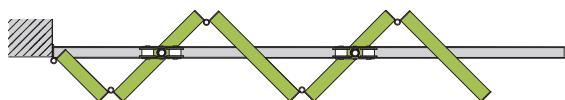
1 2 3

DURABILITY

1 2 3 4 5 6

FOR PANELS UP TO 20 KG		FOR PANELS UP TO 35 KG		FOR PANELS UP TO 75 KG		FOR PANELS UP TO 130 KG	
TRACKS		TRACKS		TRACKS		TRACKS	
ITEM NR	DESIGNATION	ITEM NR	DESIGNATION	ITEM NR	DESIGNATION	ITEM NR	DESIGNATION
a	3530/400 Steel track 4 m.	5040/400 Steel track 4 m.	6255/400 Steel track 4 m.	8570/400 Steel track 4 m.			
a	3530/500 Ditto 5 m long.	5040/500 Ditto 5 m long.	6255/500 Ditto 5 m long.	8570/500 Ditto 5 m long.			
a	3530/600 Ditto 6 m long.	5040/600 Ditto 6 m long.	6255/600 Ditto 6 m long.	8570/600 Ditto 6 m long.			
TRACK FIXINGS		TRACK FIXINGS		TRACK FIXINGS		TRACK FIXINGS	
b	3533 Angle plate	5043 Angle plate	6258 Angle plate	8573 Angle plate			
c	3532 Plate - Sealing type	5042 Plate - Sealing type	6257 Plate - Sealing type	8572 Plate - Sealing type			
d	3531 Bracket	5041 Bracket	6256 Bracket	8571 Bracket			
e	3531MC Jointing bracket	5041MC Jointing bracket	6256MC Jointing bracket	8578MC Jointing bracket			
f	3634 Top-fixing bracket	5144 Top-fixing bracket	6359 Top-fixing bracket	-			
g	3634M End bracket	5144M End bracket	6359M End bracket	-			
PANELS EQUIPMENT		PANELS EQUIPMENT		PANELS EQUIPMENT		PANELS EQUIPMENT	
h	0633A Steel wheels roller	0653A Steel wheels roller	0663 Steel wheels roller	0683 Steel wheels roller			
h	0633D Delrin wheels roller	0653D Delrin wheels roller	-	-			
i	0036 Top fixing plate	0056 Top fixing plate	0066 Top fixing plate	0086 Top fixing plate			
j	0031 Apron set for 25 to 35 mm panels (	0051 Apron set for 40 to 50 mm panels	0061 Apron set for 50 to 65 mm panels	0081 Apron set for 55 to 75 mm panels			
k	1510C Hinge screwing type	1512C Hinge screwing type	1514C Hinge screwing type	1516C Hinge screwing type			
l	1510SO Hinge welding type	1512SO Hinge welding type	1514SO Hinge welding type	1516SO Hinge welding type			
BOTTOM GUIDE		BOTTOM GUIDE		BOTTOM GUIDE		BOTTOM GUIDE	
m	1088 Guide without plate	1089 Guide without plate	1089 Guide without plate	-			
n	1102 Guide with plate	1099 Guide with plate	1101 Guide with plate	1059 Guide with plate			
o	1109/400 U-profile 25x17 length 4 m.	1110/400 U-profile 30x30 length 4 m.	1110/400 U-profile 30x30 length 4 m.	1115/600 U-profile 50x60 length 46 m.			
o	1109/500 Ditto 5 m long.	1110/500 Ditto 5 m long.	1110/500 Ditto 5 m long.	-			
o	1109/600 Ditto 6 m long.	1110/600 Ditto 6 m long.	1110/600 Ditto 6 m long.	-			
	1109M Jointing bracket for U-profile 1109	1110M Jointing bracket for U-profile 1110	1110M Jointing bracket for U-profile 1110	1115M Jointing bracket for U-profile 1110			

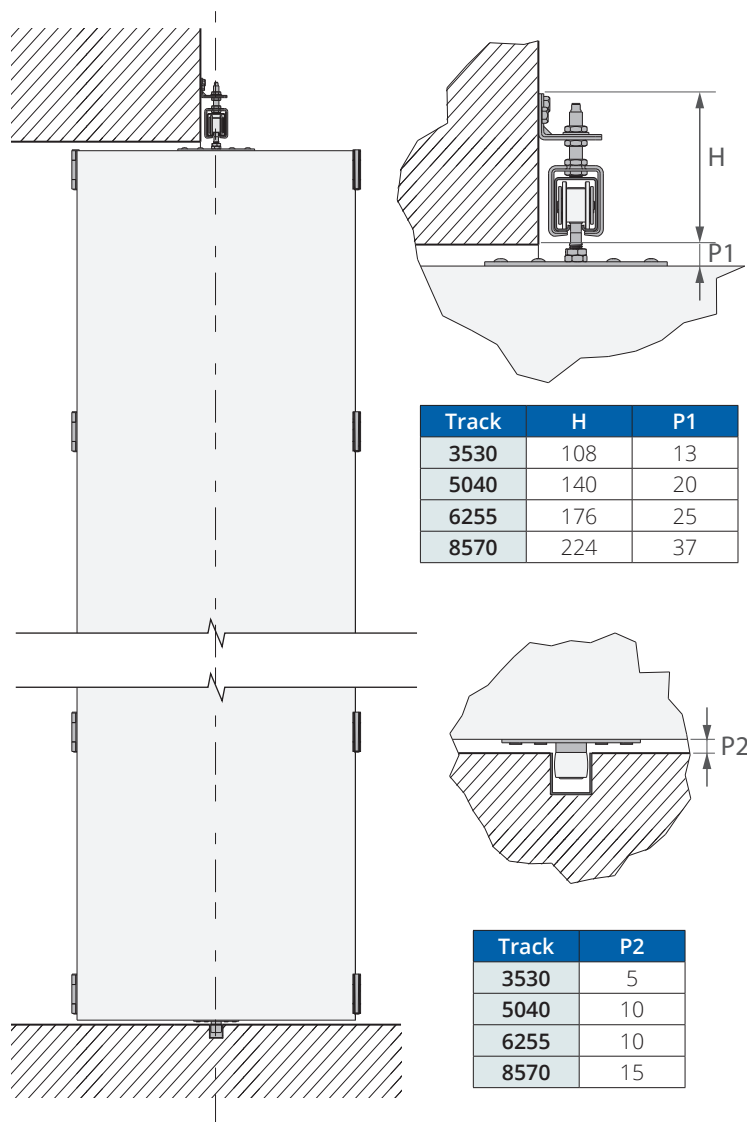




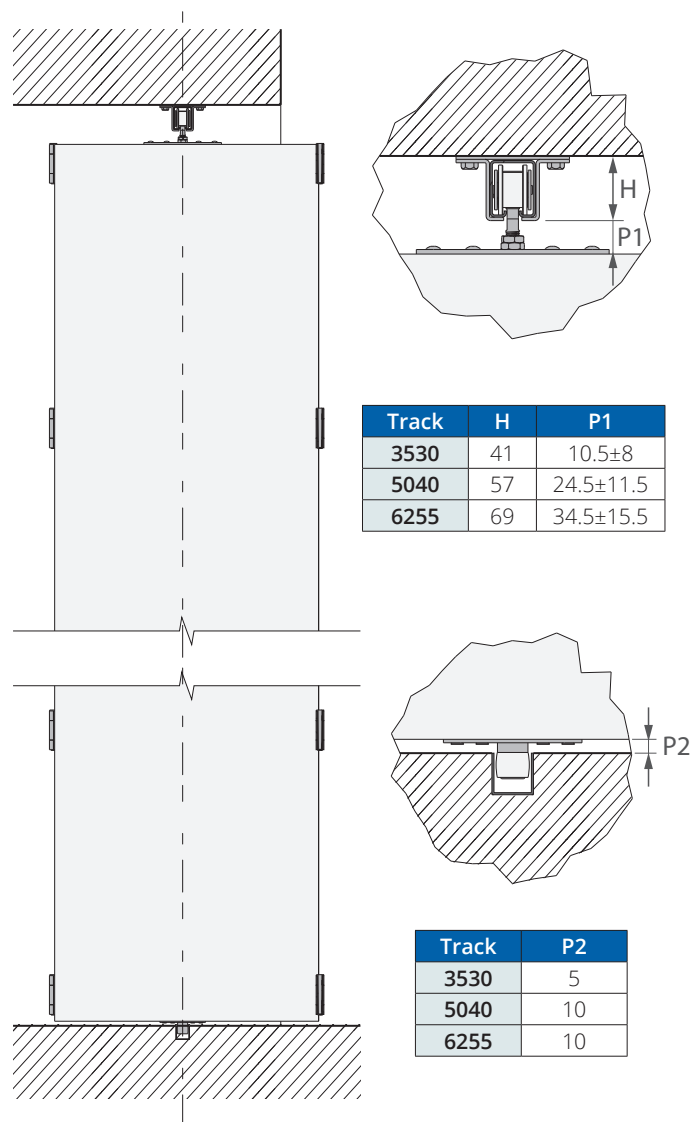
serie 600

VERTICAL SECTIONS

Wall fixing

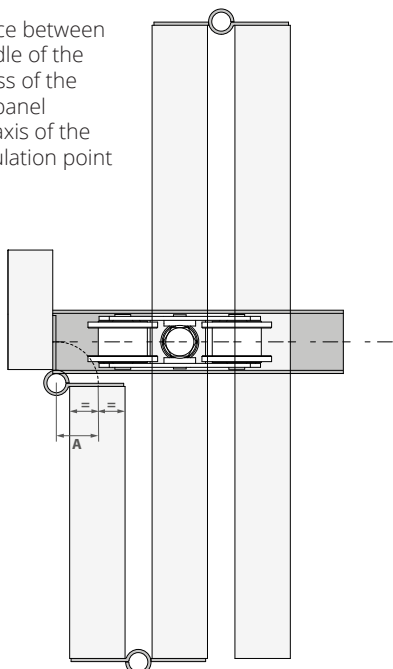


Top fixing



PANEL WIDTH:

A = distance between the middle of the thickness of the halfpanel and the axis of the hinge articulation point



Once the panels have been assembled with hinges and folded parallel one to another, mark a central line on the top and bottom edges. The rollers, (and if required the guides), must be fixed on these lines and in the middle of the panel thickness.

PANEL WIDTH:

Opening on the right and on the left:

$$\text{Width of 1 panel} = \frac{\text{width of the opening} + 2 \times A}{\text{number of standard panels} + 1}$$

$$\text{Width of 1/2 panel} = \text{half of 1 panel} - \text{dimension of A}$$

Opening on one side only:

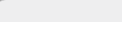
$$\text{Width of 1 panel} = \frac{2 \times \text{width of the opening} + 2 \times A}{2 \times \text{number of standard panels} + 1}$$

$$\text{Width of 1/2 panel} = \text{half of 1 panel} - \text{dimension of A}$$

STOPS

	4023	Buffer stop Ø 20 mm
	2692	Buffer stop Ø 40 mm
	1085	Adjustable stop fixed on a plate for doors sliding between 2 walls
	1086	Screwing type stop with rubber buffer for door up to 80 Kg
	1094	Sealing type stop with rubber buffer
	1096	Double stop in cast iron for door closing in the centre - Adjustable from 40 to 75 mm - sealing type
	2091	Screwing type stop with rubber buffer
	2094	Screwing type stop with 2 rubber buffers
	2095	Reinforced stop with 2 spring buffers - Screwing type
	1305-1	Stop to be fixed to the floor
	1305-2	Doorstop protection. Attaches to either side of the door to protect it from the doorstop
	1306-1	Wall-mounted doorstop for doors up to 45 mm thick Length: 234 mm
	1306-3	Wall-mounted doorstop for doors up to 75 mm thick Length: 235 mm
	2099V	alvanized stopper, screwing type. For bottom sliding gates
	2099	alvanized stopper, welding type. For bottom sliding gates

STOPS & BOLTS

	1301TN	Catch stop, cataphoresis treated, screwing type. Standard version
	1302	Catch stop, raw steel. Reinforced version
	1310N	Stopper in stainless steel «brush finish», Locking distance = 35 mm, height 140mm - width 40 mm
	1311N	Stopper in stainless steel «brush finish», Locking distance = 35 mm, height 160mm - width 30 mm
	1312N	Stopper in ZAMAK, locking distance = 20mm, Height 135 mm - width 50 mm
	1313	Brushed nickel-plated metal stop with stainless steel strike plate Locking distance = 18 mm Height: 120 mm
	1314	Reinforced bolt with screwing type Length: 300 mm - Ø 14 mm
	1316	Ditto length : 500 mm - Ø16 mm
	1314SO	Reinforced bolt with welding type Length: 300 mm - Ø 14 mm
	1316SO	Ditto length : 500 mm - Ø16 mm
	1314E	Reinforced cane bolt with screwing plate Height 300 mm Rod diameter 14 mm adjustable nut
	1316E	Ditto length : 500 mm - Ø16 mm
	1314GE	Keeper of bolt, mortising type for 1314, 1314E and 1314 SO
	1316GE	Keeper of bolt, mortising type for 1316, 1316E and 1316 SO
	1314GP	Keeper of bolt for 1314, 1314E and 1314 SO
	1316GP	Keeper of bolt for 1316, 1316E and 1316 SO
	1314EF	Fixation kit with insert for 1314E and 1316E(M8x30)
	1316B	Bolt with padlock holder, case in cast iron, cane and keeper in steel. Weight: 660 gr. - Ø 16 mm

HANDLES



1297 Zinc-plated steel handle on 265 mm base plate - Width: 40 mm



1298 Handle made with buckled sheet - 245 mm



1290 Handle made with buckled sheet 15/10e
Height: 200 mm - Width: 90 mm

1290X Ditto in stainless steel

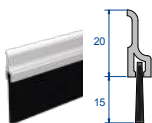


1296 Handle in ABS, mortising type
Height: 70 mm - Width: 46 mm

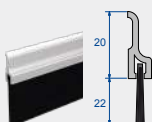


1293 Handle in ABS, mortising type
Height: 75 mm - Width: 20 mm

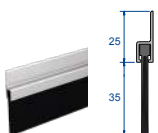
BRUSH SEALS



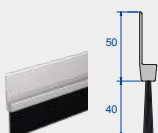
1150/105 Dustproof brush, support PVC with bristles 15 mm.
Drilled every 220 mm, supplied in individual blister.
Length: 1.05 m..



1151/250 Dustproof brush, support PVC with bristles 22 mm.
Length: 2.5 m.



1151A/300 Dustproof brush, support aluminium with bristles 35 mm.
Length: 3 m.



1151AL/300 Dustproof brush, support aluminium with bristles 40 mm.
Length: 3 m.

LOCKS & LEVER HANDLES



0954 Galvanised sheet metal hook lock.
Supplied with strike plate & 60mm European cylinder + 3 keys. 8 mm square

0954X Ditto in stainless steel



0955 Galvanised sheet metal hook lock.
Supplied with a strike without cylinder.



954C40 Box for lock 0954 and 0955.
For a 40 mm tube.

954C50 Box for lock 0954 and 0955.
For a 50 mm tube.



1295/50 Double handle in Zamak.
For 25 to 40 mm tubes.
Cone-point set screw - 8 mm square.

1295/70 Ditto for 30 to 70 mm tubes.



0957 Frame and mechanism in stainless steel, sliding bolt and end section in STAINLESS STEEL.
Handle plates white prepainted aluminium. Keeper of lock in white prepainted brass.
For European profile cylinder of 54 mm.



1295/60 Handle in white painted aluminium.
For 30 to 70 mm tubes.
7 mm square (For locks Nr 0957).



GJ10530KL Three-point key lock set (for wicket door) comprising :
1 3-point bolt (8 mm square)
1 top and bottom strike plate kit
1 rosette kit
Supplied without handle.



GJ10530BO Two-point lock set (for intermediate panels) comprising :
- 1 2-point lever lock
- 1 top and bottom strike plate and bolt kit

GJ10530KL-01 Set of locking rods for heights <3m

GJ10530KL-02 Set of locking rods for heights >3m

DRAWINGS 2D & 3D



2D or 3D drawings of all our products can be downloaded from our website:

www.mantion.com

BOTTOM GUIDES

	1090	Guide for vertical sealing, with a zytel olive Ø45 mm
	1091	Guide for horizontal sealing with a zytel olive Ø45 mm
	1091V	Adjustable guide (60 to 110 mm), with a zytel olive Ø45 mm. Screwing type
	1092	Adjustable guide (40 to 80 mm) for horizontal sealing with 2 zytel olives Ø45 mm
	1092V	Adjustable guide (80 to 130 mm) with 2 zytel olives Ø45 mm, screwing type
	1092V14	Adjustable screw-on guide (18 to 42 mm) with two Ø14 mm nylon olives. Fixes to the jamb of the opening
	1092V25	Adjustable screw-on guide (35 to 60 mm) with two Ø25 mm nylon olives. Fixes to the jamb of the opening
	1092V40	Adjustable screw-on guide (34 to 109 mm) with two Ø40 mm nylon olives. Fixes to the jamb of the opening
	1093	Zytel olive Ø46 mm, Height: 45 mm, for an axle of Ø16 mm
	23025	Guide with nylon olive Ø25 mm, height: 35 mm - M14
	23030	Guide with nylon olive Ø30 mm, height: 40 mm - M14
	23040	Guide with nylon olive Ø40 mm, height: 40 mm - M14
	23040X	Ditto in stainless steel
	23040L	Guide avec olive nylon Ø40 mm, hauteur : 60 mm - M16
	23040B	Guide with curved nylon olive Ø40 mm, height: 40 mm - M14
	23050B	Guide with curved nylon olive Ø49 mm, height: 50 mm - M10
	1011	Adjustable shoe-guide in cast iron (21 to 50 mm) for standard doors
	1014	Adjustable shoe-guide in cast iron (32 to 70 mm) for heavy doors
	1012	Half shoe-guide in cast iron for standard doors
	1015	Half shoe-guide in cast iron for heavy doors
	1012N	Half shoe-guide in nylon, for garage doors

BOTTOM GUIDES FOR U-PROFILE 25x17

	1109/200	Galvanised U-profile 25 x 17 mm 2 m long.
	1109/300	Ditto - 3 m long.
	1109/400	Ditto - 4 m long..
	1109/600	Ditto - 6 m long.
	1088	Bottom olive guide Nylon Ø13.5 mm without plate - M6, for U 25x17 mm
	1109DU	Bottom olive guide Nylon Ø13.5 mm on S8 dowel, for U 25x17 mm
	1102	Bottom olive guide Nylon Ø13.5 mm on plate (round ends) screwing type for U 25x17 mm
	1102XA2	Ditto with stainless steel plate
	1054	Guide with Ø13.5 mm nylon olive on aluminium bracket.
	1103RG	Adjustable white plastic glide (14 to 30 mm) with screw and S6 dowel for U 25x17 mm
	1103RG3	Ditto in black color

BOTTOM GUIDES FOR U-PROFILE 30x30

	1110/300	Galvanised U-profile 30 x 30 mm 3 m long.
	1110/400	Ditto - 4 m long.
	1110/600	Ditto - 6 m long.
	1089	Bottom guide with brass olive Ø24 mm without plate - M14, for U 30x30 mm
	1110DU	Bottom guide with brass olive Ø24 mm on S10 dowel, for U 30x30 mm
	1099	Bottom guide with brass olive Ø24 mm on plate (round ends) screwing type for U 30x30 mm
	1099XA2	Ditto with stainless steel plate
	1101	Bottom guide with brass olive Ø24 mm on plate (square ends) screwing type reinforced for U 30x30 mm
	1100	Bottom guide with brass olive Ø24 mm on embedding plate for U 30x30 mm
	1081	Bottom guide with nylon olive Ø25 mm on screwing type plate for U 30x30 mm
	1110GN	Nylon guide, screwing type, 120x25 mm for U 30 x 30 mm
	1110GDL	Nylon guide, screwing type, 100x25 mm for U 30 x 30 mm

BOTTOM GUIDES FOR U-PROFILE 50x60



1115/600

Galvanised U-profile 50 x 60 mm
6 m long.



1059

Bottom guide with olive (with needle roller bearings) on a reinforced plate. Screwing type
For U-profile 50 x 60 mm



1115DU

Bottom guide with nylon olive Ø50 mm on S12 dowel, for U 50x60 mm



1115KW

Bottom guide with nylon olive Ø50 mm without plate - M14, for U 50x60 mm

BOTTOM GUIDES FOR UPE 80



1180

Reinforced bottom guide with Ø64 mm steel roller (ball-bearing mounted), on screwing-type plate (can be adjust by oblong holes) for UPE 80

RACKS



C0003380

M4K nylon rack with steel core.
L = 1 m.



2222CR

Rack for motorized gates. Length = 1 m.
Module 4 - 22mm x 22 mm in galvanized steel.



3012CR

Rack for motorized gates. Length = 1 m.
Module 4 - Drilled for a M8 screw - 30 mm x 12 mm in galvanized steel.
3 pins/rack.



1708P

Pins in galvanized steel for rack fixing.
Screw M8. Height = 27 mm.

1708PL

Ditto height = 16 mm.

UPPER GUIDES



1052

Adjustable upper guide (150 mm max.) to be sealed in place, fitted with 2 Ø50 mm olives mounted on roller cages
Olive height = 30 mm



1052L

Ditto height of olive = 65 mm



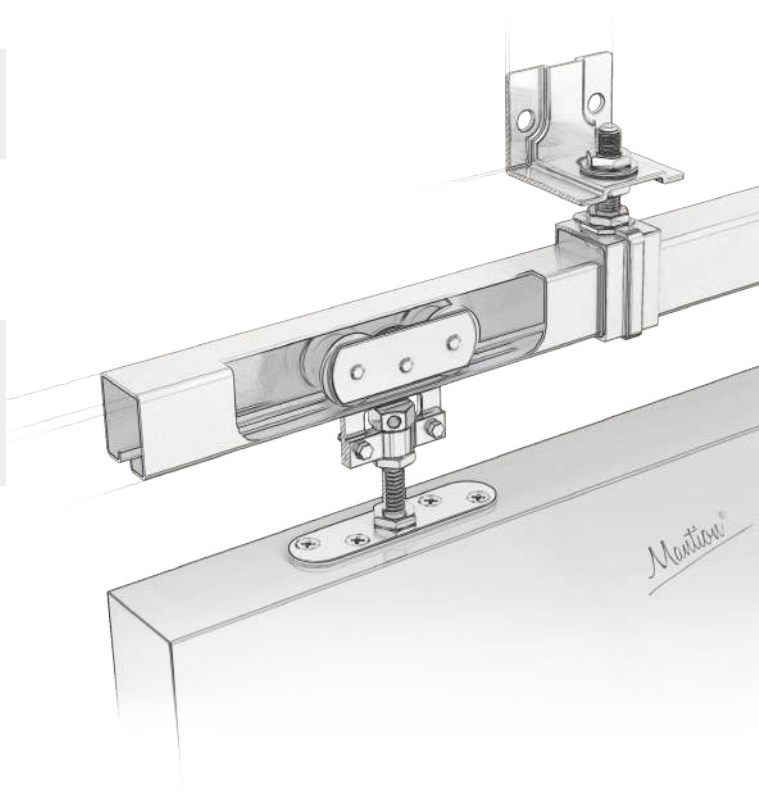
1053

Adjustable upper guide (150 mm Max) screwing type, fitted with 2 Ø50 mm olives mounted on roller cage
Olive height = 30 mm



1053L

Ditto height of olive = 65 mm



0015	Roller	34
0017	Roller	34
0031	Apron set	12 - 58
0036	Plate	12 - 58
0036W	Plate	12
0037	Plate	12
0042	Roller	34
0051	Apron set	16 - 58
0051-1	Apron set	16
0055	Plate	16
0056	Plate	16 - 58
0056W	Plate	16
0061	Apron set	20 - 58
0061-2	Apron set	20
0065	Plate	20
0066	Plate	20 - 58
00700	Roller	34
0081	Apron set	24 - 58
0081-2	Apron set	24
0081-3	Apron set	24
0085	Plate	24
0085S	Plate	24
0086	Plate	24 - 58
0086S	Plate	24
0235A	Roller	12
0235D	Roller	12
0250A	Roller	34
0250F	Roller	34
0251A	Roller	16
0251D	Roller	16
0255A	Roller	16
0255AL	Roller	16
0255D	Roller	16
0261	Roller	20
0265	Roller	20
0265D	Roller	20
0265L	Roller	20
0281	Roller	24
0285	Roller	24
0285L	Roller	24
0285SL	Roller	24
0332	Roller	42
0332E	Roller	42
0332SO	Roller	44
0332SOE	Roller	44
0352	Roller	42
0352E	Roller	42
0352SO	Roller	44
0352SOE	Roller	44
0362	Roller	42
0362E	Roller	42
0362SO	Roller	44

0362SOE	Roller	44
0382	Roller	42
0382E	Roller	42
0382SO	Roller	44
0382SOE	Roller	44
0400	Roller	34
0532	Roller	52
0532E	Roller	52
0552	Roller	52
0552E	Roller	52
0552SO	Roller	54
0552SOE	Roller	54
0562	Roller	52
0562E	Roller	52
0562SO	Roller	54
0562SOE	Roller	54
0633A	Roller	58
0633D	Roller	58
0653A	Roller	58
0653D	Roller	58
0663	Roller	58
0683	Roller	58
0954	Lock	61
0954X	Lock	61
0955	Lock	61
0957	Lock	61
1002A	Wheel	34
1002F	Wheel	34
10033	Angle plate	36
1004	Wheel	34
10043	Angle plate	36
10043M	Jointing bracket	36
10044	Angle plate	36
10044M	Jointing bracket	36
1005	Wheel	34
10053	Angle plate	36
10053M	Jointing bracket	36
10054	Angle plate	36
10054M	Jointing bracket	36
10063	Angle plate	36
10063M	Jointing bracket	36
10064M	Jointing bracket	36
1011	Shoe guide	46 - 62
1012	Half-shoe guide	46 - 62
1012N	Half-shoe guide	46 - 62
1014	Shoe guide	46 - 62
1015	Half-shoe guide	46 - 62
10300/600	Aluminium track	36
10400/600	Aluminium track	36
10500/600	Aluminium track	36
1052	Guide	63
1052L	Guide	63

1053	Guide	63
1053L	Guide	63
1054	Guide	62
1059	Guide	25 - 63
10600/600	Aluminium track	36
10610	Ornamental stop	36
1081	Guide	62
1085	Stop	60
1086	Stop	60
1088	Guide	62
1089	Guide	62
1090	Guide	62
1091	Guide	35 - 62
1091V	Guide	35 - 62
1092	Guide	35 - 62
1092V	Guide	35 - 62
1092V14	Guide	13 - 62
1092V25	Guide	13 - 17 - 62
1092V40	Guide	17 - 21 - 25 - 62
1093	Guide	62
1094	Stop	60
1096	Stop	60
1098	Stop	12 - 16
1099	Guide	17 - 62
1099XA2	Guide	38 - 62
1100	Guide	62
1101	Guide	21 - 62
1102	Guide	13 - 62
1102XA2	Guide	62
1103RG	Guide	62
1103RG3	Guide	62
1104	Guide	42 - 52
1104E	Guide	42 - 52
1104SO	Guide	44
1104SOE	Guide	44
1105	Guide	42 - 52
1105E	Guide	42 - 52
1105SO	Guide	44 - 54
1105SOE	Guide	44 - 54
1106	Guide	42 - 52
1106E	Guide	42 - 52
1106SO	Guide	44 - 54
1106SOE	Guide	44 - 54
1108	Guide	42
1108E	Guide	42
1108SO	Guide	44
1108SOE	Guide	44
1109/200	U-Profile	62
1109/300	U-Profile	62
1109/400	U-Profile	13 - 62
1109/500	U-Profile	13
1109/600	U-Profile	13 - 62

1109C	U curve	42
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