

# Sliding systems for wardrobe doors and furniture doors

Sliding | Folding

**153A**



# MANTION designs and manufactures *sliding systems* since 1920



## A word from the CEO



Mantion has come a long way since it was founded in 1920 and we now have a presence in all over the world. Our products have become the benchmark in sliding systems, thanks to their robustness and ease of use.

We attribute this development to the dynamic and professional nature of our teams, who continually search for new solutions, and to the control we have over all of our industrial processes, whether integrated or within our production subsidiaries. It is also due to our market presence, the constant attention we pay to the needs of professionals, and our desire to provide a true technical and commercial service.

Our greatest strength undoubtedly lies in the values that guide us in our day-to-day operations - respect for and confidence in people, a seeking for adventure and challenges, and loyalty and trust in our relationships. Without them, nothing of what we do would be possible.

In such a competitive and ever-changing sector, we are firmly focused on the future. Our values, coupled with our capacity for change and innovation, help us to tackle this century's challenges ... so together we can go even further!

Denis **SCHNOEBELEN**



## Innovation

Aiming to be at the cutting edge of innovation and the forerunner in its sector, the Mantion group invests around 4% of its turnover back into research. 20 dedicated people (10% of the group's workforce) work daily in three laboratories:

- Besançon: mechanics lab for heavy sliding applications
- Warsaw: mechanics lab for sliding cupboard doors
- Genlis: electrotechnical and electronics lab for drives

University labs - at the forefront of innovation - and institutions such as the French Technical Centre for Mechanical Industries support Mantion in conducting highly-targeted research.

Mantion routinely files international patents to protect its innovations.

## A wide range of products for construction finishing & fitting work:

- Lightweight sliding systems for interior doors (cupboards, wood and glass partition doors, pocket doors and more)
- Heavy sliding systems for industrial doors, gates, fireproof doors and shutters
- Drives for sliding doors, sliding shutters and swinging shutters
- Building foyer doors



## Guarantee certificate

**MANTION S.A.S**

Guarantees a performance\* of

**25** years

on sliding systems for interior applications  
on the following ranges:

**PICO - PICOSTAR® - TANGO - TUBEL® - CADETTE®  
SUPERCADETTE® - MA - ROC® DESIGN - SOFTCLOSE®  
SAF® - SAF®-SLIM - SAF®-TWIN - SAF®-POCKET  
SAF®-INSIDE® - SAF®-CLIP - STARAL®PLUS - STARAL®**



Denis SCHNOEBELEN  
MANTION S.A.S  
Chief Executive Officer

\* 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](http://www.mantion.com)

## A safety insurance regarding the performance of fittings for sliding doors:

*Simple and efficient:*

By requiring the characteristics of a product according to the European standard, you will avoid inconvenience such as bad sliding, blocking or early wearing.

What does the European standard EN 1527 indicate?

It defines **objective quality criteria for a complete set of fittings for sliding doors** (tracks, brackets, rollers, stops and guides):

- Corrosion resistance (resistance to salt spray / test EN1677)
- Initial friction (initial max. force required to open and close the panels)
- Durability (number of cycles)

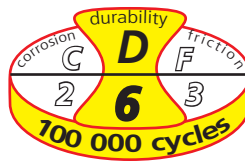
It determines the conditions in which the tests have to be made.

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

- Door under 100 kg: Height: 2 m. & stroke: 0.80 m. or Height: 2 m. & stroke: 2 m\*.
- Door over 100 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.

It indicates **the performance** of fittings according to the tests results:



\*\* This guarantee 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](http://WWW.MANTION.COM)

## CORROSION RESISTANCE [C]

grade 1	grade 2	grade 3	grade 4	grade 5
24 h*	48 h*	96 h*	240 h*	480 h*

\*Number of hours of resistance to salt spray (Standard EN1670)

## INITIAL FRICTION [F]



measured without the use of damper closer or hydraulic closer stop

	grade 1	grade 2	grade 3
Door of 50 Kg	50 N*	30 N*	10 N*
Door from 51 to 100 Kg	80 N*	50 N*	20 N*
Door from 101 to 330 Kg	90 N*	60 N*	30 N*
Door over 330 Kg	5 %**	3 %**	2 %**

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

\*\*Percentage of the mass

## DURABILITY [D]

grade 1	grade 2	grade 3	grade 4	grade 5	grade 6
5 000 c*	10 000 c*	25 000 c*	50 000 c*	75 000 c*	100 000 c*

\*Number of cycles



**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 guaranty of durability applies to complete sets of Mantion products: tracks, rollers, brackets, stops and guides which are used and installed according to Mantion instructions (capacity and number of cycles).



## FURNITURE DOORS



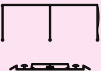


- 
.....06  
 - **MINITUB®** .....06  
 Capacity/door: **6 kg** - Track: **aluminium** - Movement: **straight**.
- 
.....08  
 - **MEDIUM®** .....08  
 Cap/door: **14 kg** - curtain: **4 kg**- Track: **aluminium** - Movement: **straight & curve**.  
 Cap/door: **14 kg** - curtain: **4 kg**- Track: **steel** - Movement: **straight & curve**.

## WARDROBE DOORS





- 
.....10  
 - **PICO® 13 - 25 - 26** .....10  
 Capacity/door: **13 kg** (PICO 13) - **25 kg** (PICO 25 & 26)  
 Track: **PVC** - Movement: **straight**.
- 
**NEW** .....12  
 - **PICO® 60** .....12  
 Capacity/door: **60 kg** - Track: **aluminium & PVC** - Movement: **straight**.
- .....14  
 - **PICOSTAR® 2** .....14  
 Capacity/door: **55 kg** - Track: **aluminium** - Movement: **straight**.



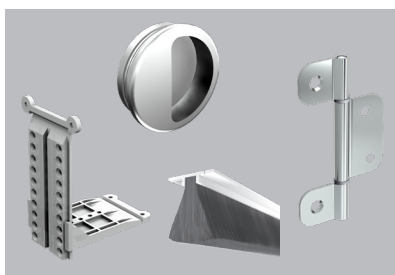
- 
.....16  
 - **PICOSTAR® 18** .....16  
 Capacity/door: **55 kg** - Track: **aluminium** - Movement: **straight**.
- .....18  
 - **PICOSTAR® 19** .....18  
 Capacity/door: **55 kg** - Track: **aluminium** - Movement: **straight**.
- 
**NEW** .....20  
 - **TUBEL®** .....20  
 Capacity/door: **30 kg** (top mounting roller) - **40 kg** (side mounting roller)  
 Track: **aluminium / single & double** - Movement: **straight**.
- 
**NEW** .....22  
 - **SAF®-TWIN** .....22  
 Capacity/door: **80 kg** - Track: **aluminium** - Movement: **straight**.

## FOLDING DOORS



- 
.....24  
 - **5300** .....24  
 Capacity/panel: **15 kg** - Track: **aluminium** - Movement: **folding**.
- 
.....26  
 - **TANGO** .....26  
 Capacity/panel: **40 kg** - Track: **aluminium** - Movement: **folding**.

## MISCELLANEOUS



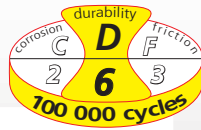
- **Accessories** .....28
- **MANTION also offers** .....30
- **SLIDSOFT** .....31



# System for furniture doors


## MINITUB®

See details of the standard EN 1527 p.4



CAPACITY/PANEL	6 KG
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

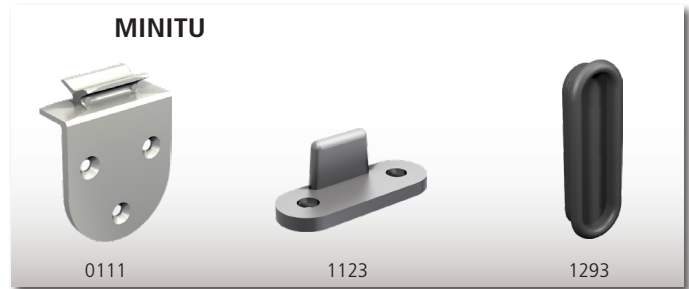
### SETS for 2 panels

Item Nr.	Description	
MINITU100	Set including: - 4 sliders <b>MINITUB 0111</b> - 3 guides <b>1123</b> - 2 finger pulls <b>1293</b> - 2 tracks <b>1609</b> of <b>1 m.</b> length. - Screws and mounting instructions	20
MINITU150	Set including: - 4 sliders <b>MINITUB 0111</b> - 3 guides <b>1123</b> - 2 finger pulls <b>1293</b> - 2 tracks <b>1609</b> of <b>1.5 m.</b> length. - Screws and mounting instructions	20



### TRACKS

1609/150	Aluminium track 16 x 9 mm, drilled to Ø 3.5 mm every 220 mm, 1.50 m long	48
1609/200	Aluminium track 16 x 9 mm, drilled to Ø 3.5 mm every 220 mm, 2 m long	48



### GEAR

MINITU	Gear including: - 2 sliders <b>MINITUB 0111</b> - 1 guide <b>1123</b> - 1 finger pull <b>1293</b> - Screws and mounting instructions	10
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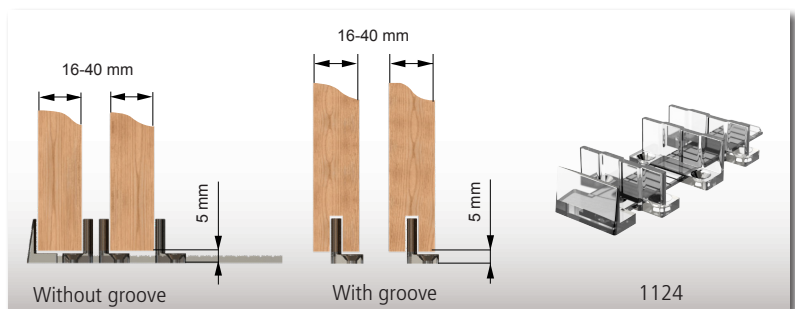


### SLIDERS

0111	Removable polyamide slider for track <b>1609</b>	100
0112	Non-removable polyamide slider for track <b>1609</b>	100

### ACCESSORIES

1123	Bottom guide in polyamide	10
1124	Universal guide in transparent Polycarbonate who can equip 2 doors (can be cut). 2 solutions of installation: - without groove (1 guide of each side of the door) - with groove 5 x 15 mm.	
1293	Finger pull in ABS	10
1083	Cylindrical stop in galvanized steel for center-closing doors	10

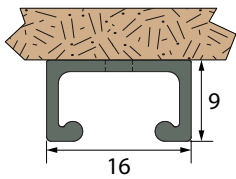


System for fitted furniture of small height (kitchen cabinets, cupboards, storage cupboards in caravans and ships).

- Smooth and silent sliding thanks to the polyamide slider
- Easy and quick to fit and to remove (simply by tilting the door - slider 0111)
- Exist in non removable version (slider 0112)



MINITUB®



**Track 1609**  
(1.50 - 2 m)

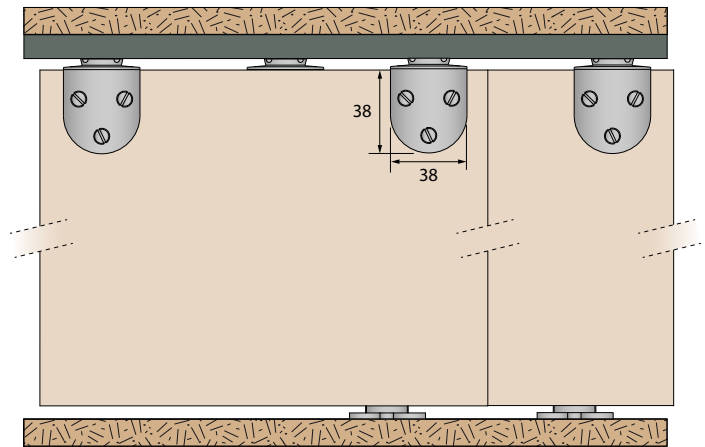
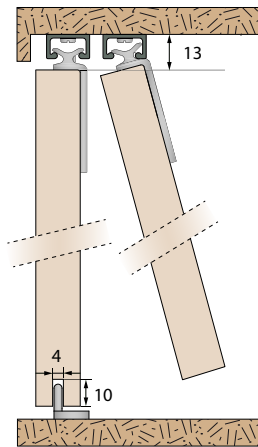


Guide

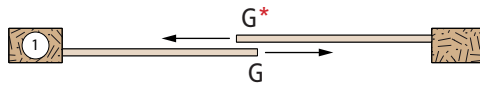


Cylindrical stop

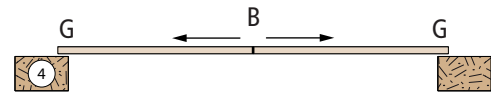
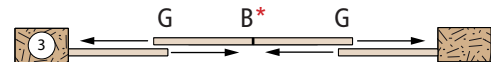
**MINITUB®**



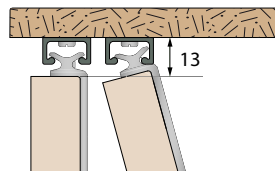
It is recommended that the inside of the track is lightly greased with vaseline oil.



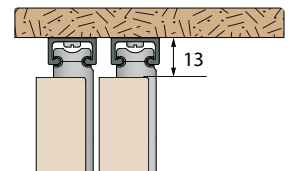
G\*: guide **1123**



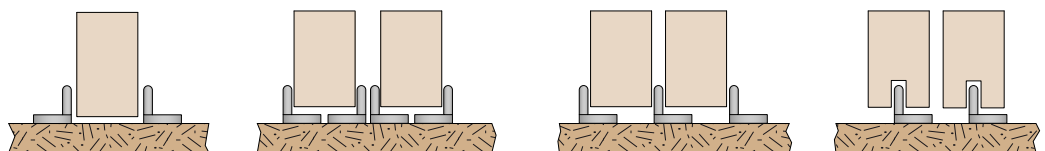
B\*: cylindrical stop **1083**



Slider **0111** (removable)



Slider **0112** (non removable)



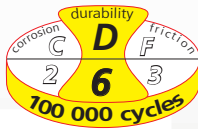
Examples of the use of the guide **1123**



# System for furniture doors

## MEDIUM

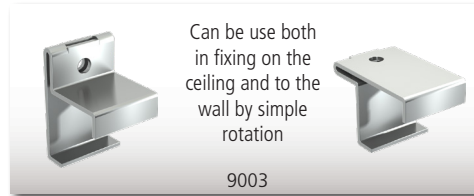
See details of the standard EN 1527 p.4



CAPACITY/PANEL	14 KG (PANELS) 4 KG (CURTAINS)
TRACK	GALVANIZED STEEL (9001G) ALUMINIUM (9001A)
MOVEMENT	STRAIGHT AND CURVE

### SETS for 2 panels

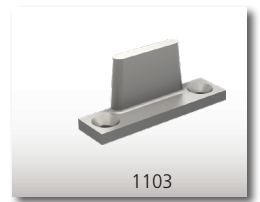
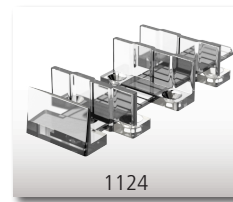
Item Nr.		Description	
MED14CA/200	ALUMINIUM	Set including: - 1 aluminium track <b>9001A/200</b> of 2 m. length - 9 brackets <b>9003</b> - 4 rollers <b>99005</b> - 2 ornamental end stopr <b>9108</b> - 2 guides <b>1103</b> - Screws and mounting instructions	10
MED14C/200	STEEL	Set including: - 1 steel track <b>9001G/200</b> of 2 m. length - 9 brackets <b>9003</b> - 4 rollers <b>99005</b> - 2 ornamental end stopr <b>9108</b> - 2 guides <b>1103</b> - Screws and mounting instructions	10



### TRACKS & ACCESSORIES common to all versions

9001A/200	ALUMINIUM	Aluminium track 19 x 19 mm, drilled to Ø 3.5 every 110 mm - Length: 2 m.	6
9001A/500	ALUMINIUM	Ditto. Length: 5 m.	6
9001AC450	ALUMINIUM	Aluminium curved track 19 x 19 mm - Radius : 450 mm	
9001G/200	STEEL	Galvanized steel track 19 x 19 mm, drilled to Ø 3.5 every 110 mm - Length: 2 m.	6
9001G/500	STEEL	Ditto. Length: 5 m.	
9001GC450	STEEL	Galvanized steel curved track 19 x 19 mm - Radius : 450 mm	
9003		Bracket for track <b>9001</b> for wall and soffit fixing	50
9108		Ornamental end stop for track <b>9001</b>	10

### ROLLERS & ACCESSORIES for straight doors



### ROLLERS & ACCESSORIES for straight doors

99005	Top fixing roller	10
99006	Side fixing roller	10
99007	Side fixing roller with fixing plate. For panels up to 20 mm thickness.	10
1293	Finger pull in ABS. Mortising type	10
1103	Polyamide guide - Screwing type for channel of 6x18 mm.	10
1124	Universal guide in transparent Polycarbonate who can equip 2 doors (can be cut). 2 solutions of installation: - without groove (1 guide of each side of the door) - with groove 5 x 15 mm.	

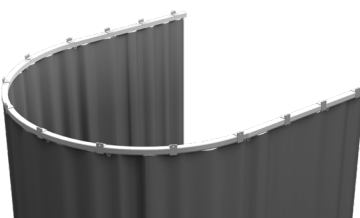
### TROLLEYS & ACCESSOIRES for curtains, lorry tarpaulins, etc ...



### TROLLEYS & ACCESSOIRES for curtains

99701	Intermediate single trolley (2 Kg maxi)	10
99702	Intermediate double trolley (4 Kg maxi)	10
99703	Leading double trolley (4 Kg maxi)	10
99704	End holder mounted at the opposite end of art. 99703	10

### Installation with curve:





14 Kg (panels)  
4 Kg (curtains)

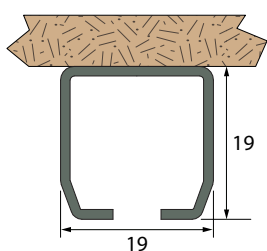
Light sliding system for wardrobe doors, curtains and lorry tarpaulins

- To be used with either a single or a double track
- Same bracket for wall and soffit fixing
- Very convenient for installations with curves

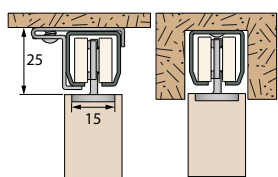


MEDIUM

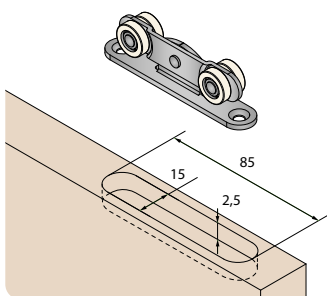
## MEDIUM



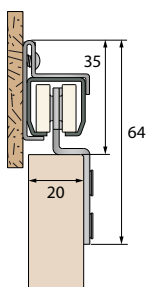
**Track 9001** (steel or aluminium)  
(2 - 5 m)



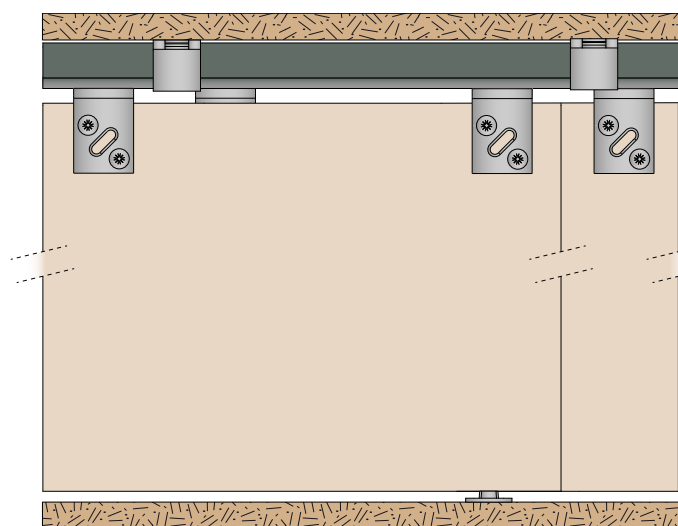
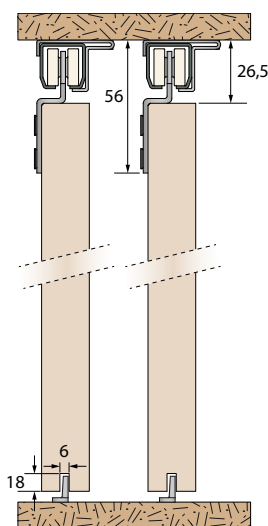
Fixing on the ceiling  
(with roller 99005)



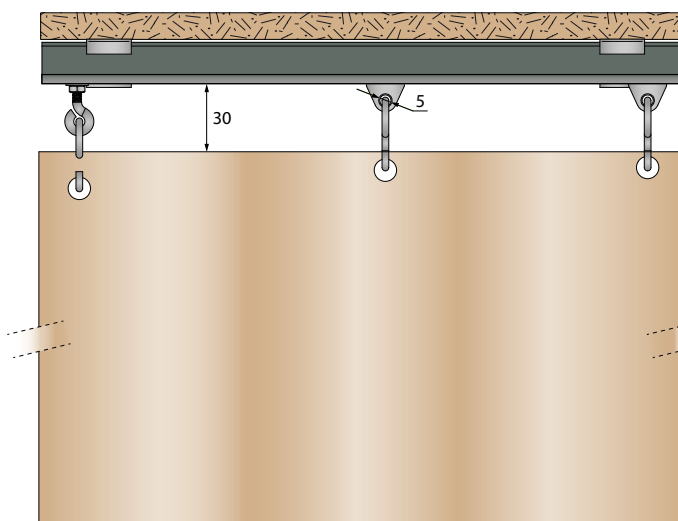
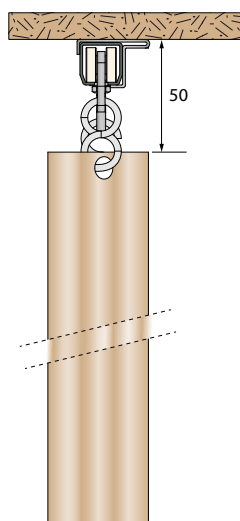
Routing for roller 99005



Fixing to the wall  
(with trolley 99007)



## MEDIUM for curtains, lorry tarpaulins, etc ...

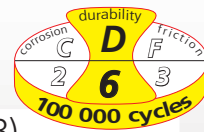




# System for wardrobe doors

## PICO® 13 - 25 - 26

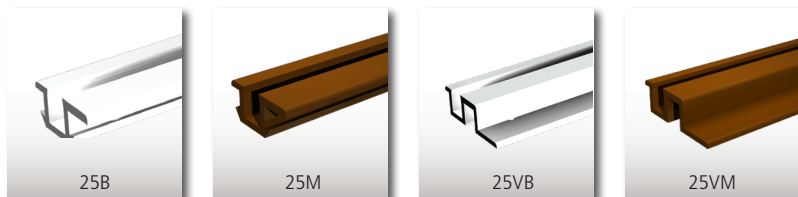
See details of the standard EN 1527 p.4



CAPACITY/PANEL	13 KG (PICO 13) 25 KG (PICO 25 & 26)
TRACK	PVC
MOVEMENT	STRAIGHT

### SET for 2 panels

Item Nr.	Description	
PICO26-200T	Set for 2 panels including : - 4 tracks <b>25V/200M</b> of 2 m. length - 2 gear <b>PICO 26</b> - Screws and mounting instructions	5

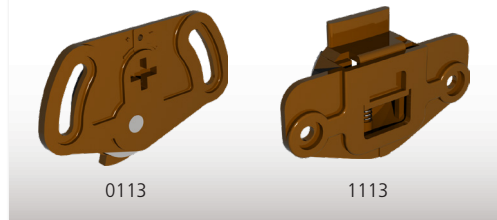


### PVC TRACKS AND STOPS common to all versions

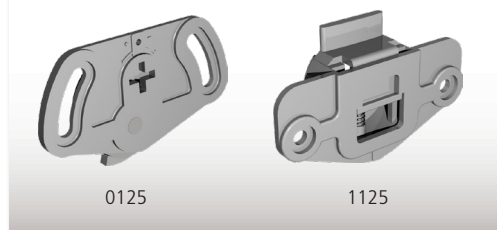
25/200B	White PVC track, mortising type - 2 m long For upper and lower guidance	30
25/200M	Brown PVC track, mortising type - 2 m long For upper and lower guidance	30
25/300B	White PVC track, mortising type - 3 m long For upper and lower guidance	30
25/300M	Brown PVC track, mortising type - 3 m long For upper and lower guidance	30
25/500B	White PVC track, mortising type - 5 m long For upper and lower guidance	50
25/500M	Brown PVC track, mortising type - 5 m long For upper and lower guidance	50
25V/200B	White PVC track, screwing type - 2 m long For upper and lower guidance	30
25V/200M	Brown PVC track, screwing type - 2 m long For upper and lower guidance	30
25V/300B	White PVC track, screwing type - 3 m long For upper and lower guidance	30
25V/300M	Brown PVC track, screwing type - 3 m, long For upper and lower guidance	30
10025	Stop to keep the panels in closed position	20



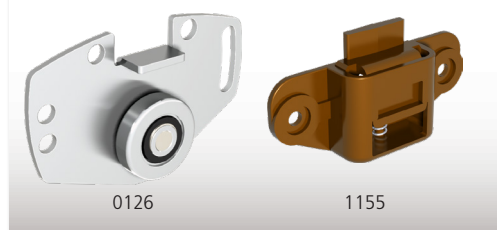
### PICO13



### PICO25



### PICO26



### GEAR with mortising type rollers

PICO13	Gear including: - 2 rollers <b>0113</b> mortising type - 2 guides <b>1113</b> mortising type - Screws and mounting instructions	10
PICO25	Gear including: - 2 rollers <b>0125</b> mortising type - 2 guides <b>1125</b> mortising type - Screws and mounting instructions	10

### GEAR with screwing type rollers

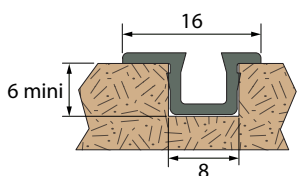
PICO26	Gear including: - 2 rollers <b>0126</b> , screwing type, mounted on ball bearings - 2 guiding plates <b>1155</b> , screwing type - Screws and mounting instructions	10
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The PICO range is designed for timber framed doors of cupboards, wardrobes.

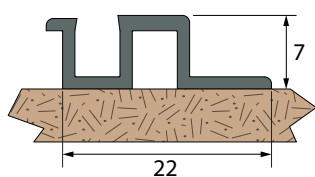
- The adjustable rollers enable an easy vertical adjustment of the door
- Doors can be very easily removed
- No pelmet is required since tracks and rollers are hidden in the frame
- Two different types of tracks : screwing and mortising



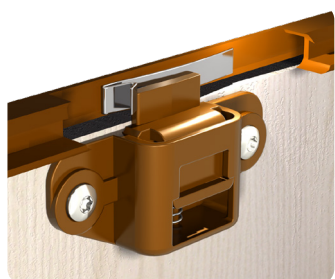
PICO® 13 - PICO® 25 - PICO® 26



**Track 25** (mortising type)  
(2 - 3 - 5 m)



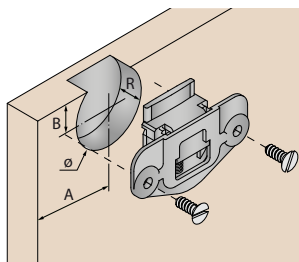
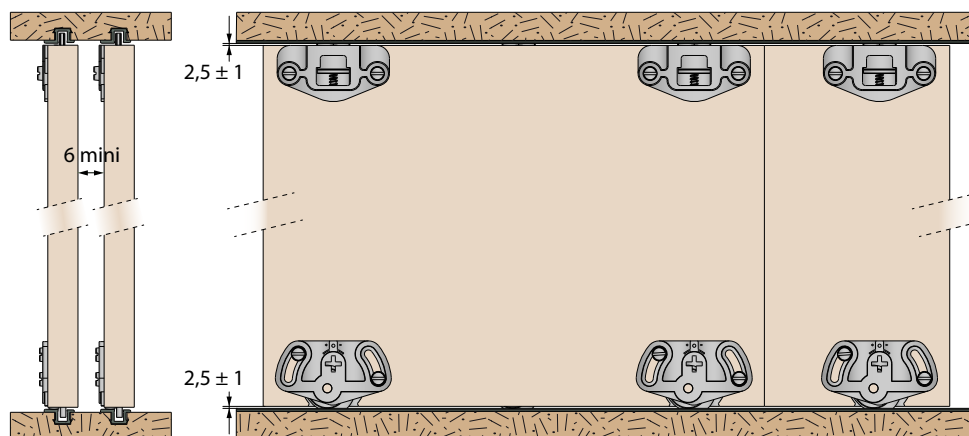
**Track 25V** (screwing type)  
(2 - 3 m)



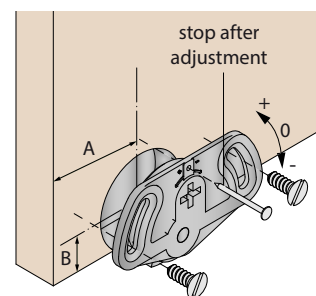
The stop **10025** allows you to immobilize panels in a chosen position.

## PICO® 13 & PICO 25

Example with mortising type tracks

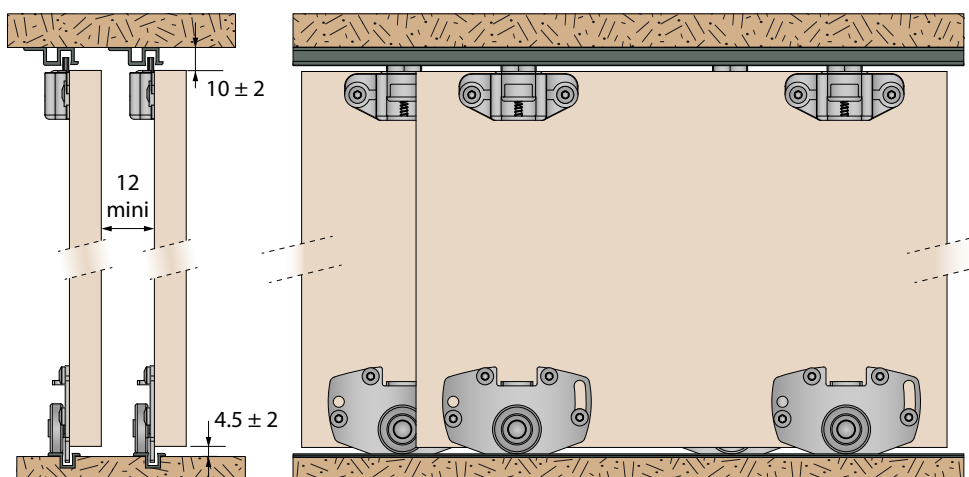


	PICO13	PICO25
A	35	50
B	10	10
R	9	13
Ø	30	35



## PICO® 26

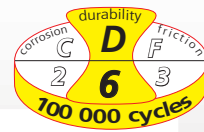
Example with screwing type track on the upper part and mortising type track on the bottom





# System for wardrobe doors


## PICO® 60

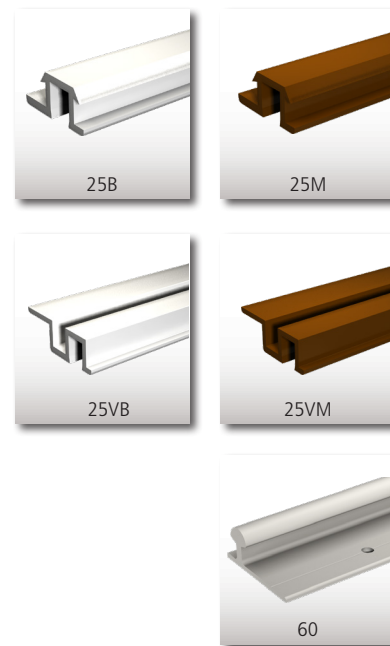


See details of the standard EN 1527 p.4

CAPACITY/PANEL	60 KG
TRACK	ALUMINIUM & PVC
MOVEMENT	STRAIGHT

### SETS for 2 and 3 panels packaged in PET tube

Item Nr.	Description	
PICO60-200T	Set for <b>2 panels</b> including: - 2 PVC top tracks <b>25V/200M</b> in <b>2 m</b> length - 2 aluminium bottom tracks <b>60/200</b> in <b>2 m</b> length - 2 gears <b>PICO60</b> - Screws and mounting instructions	5
PICO60-300T	Set for <b>3 panels</b> including: - 2 PVC top tracks <b>25V/200M</b> in <b>3 m</b> length - 2 aluminium bottom tracks <b>60/200</b> in <b>3 m</b> length - 3 gears <b>PICO60</b> - Screws and mounting instructions	5



### PVC TOP TRACKS

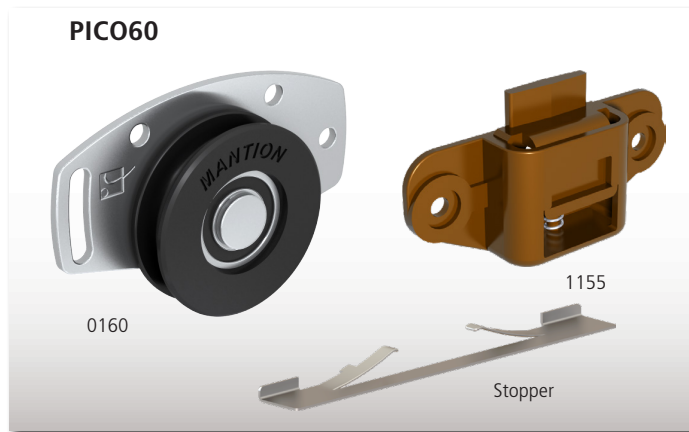
25/200B	<b>White</b> PVC track, mortising type - <b>2 m</b> long For upper and lower guidance	30
25/200M	Ditto in <b>brown</b>	30
25/300B	<b>White</b> PVC track, mortising type - <b>3 m</b> long For upper and lower guidance	30
25/300M	Ditto in <b>brown</b>	30
25/500B	<b>White</b> PVC track, mortising type - <b>5 m</b> long For upper and lower guidance	50
25/500M	Ditto in <b>brown</b>	50
25V/200B	<b>White</b> PVC track, screwing type - <b>2 m</b> long For upper and lower guidance	30
25V/200M	Ditto in <b>brown</b>	30
25V/300B	<b>White</b> PVC track, screwing type - <b>3 m</b> long For upper and lower guidance	30
25V/300M	Ditto in <b>brown</b>	30

### ALUMINIUM BOTTOM TRACKS

60/200	Aluminium single track, screwing type, drilled every 0.22 m - <b>2 m</b> length	30
60/300	Aluminium single track, screwing type, drilled every 0.3 m - <b>3 m</b> length	30

### GEAR for one PANEL

PICO60	Gear including: - 2 rollers <b>0160</b> mounted on accurate ball bearings - 2 guides <b>1155</b> - 1 stopper - Keep the panel in position - Screws and mounting instructions	10
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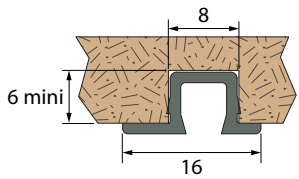


The PICO® range is designed for timber framed doors of cupboards, wardrobes.

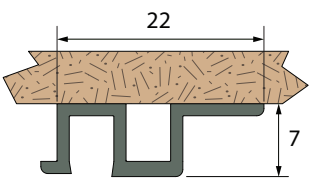
- The adjustable rollers enable an easy and precise vertical door adjustment
- Doors can be very easily removed
- No pelmet is required : tracks and rollers are hidden in the frame
- Aluminium bottom track



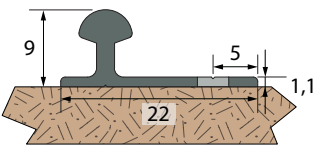
PICO® 60



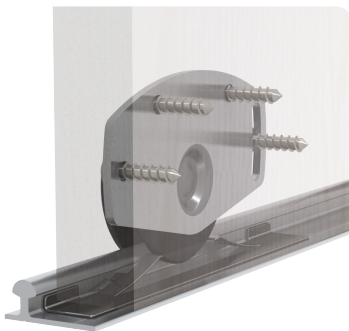
**Track 25** (mortising type)  
(2 - 3 - 5 m)



**Track 25V** (screwing type)  
(2 - 3 m)

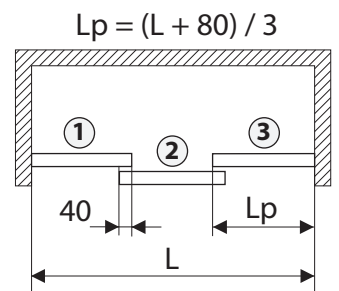
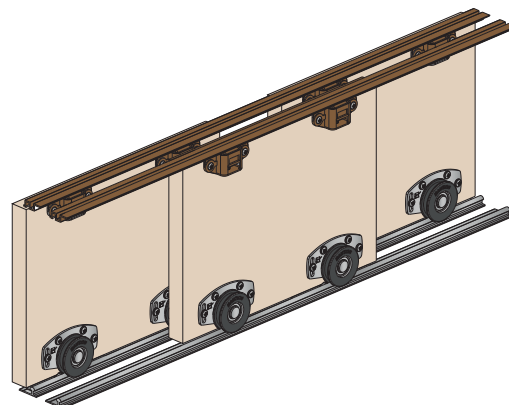
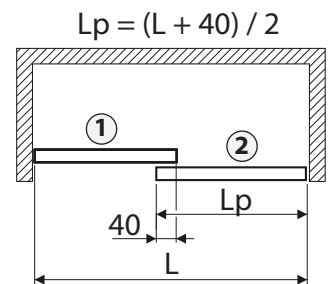
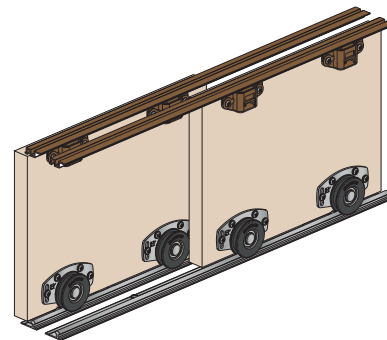
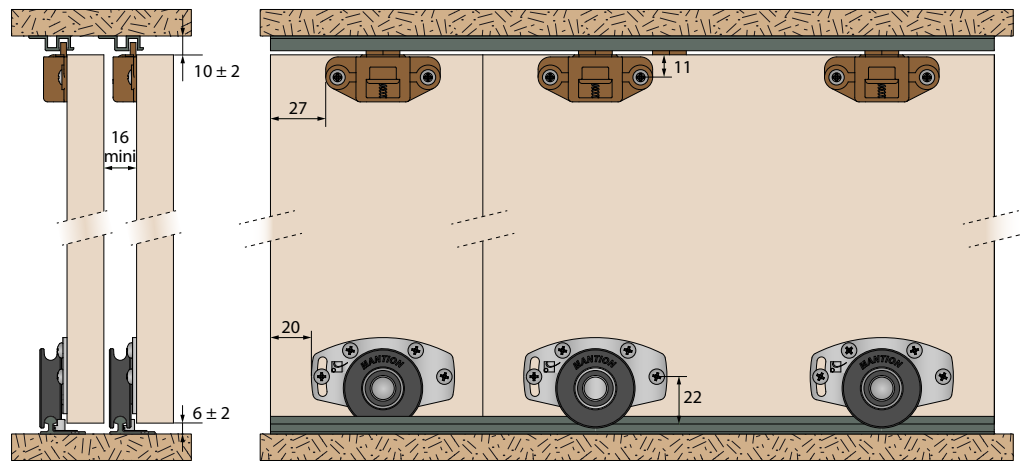


**Track 60** (screwing type)  
(2 - 3 m)



L'arrêt stop vous permet d'immobiliser les panneaux dans une position donnée.

## PICO® 60



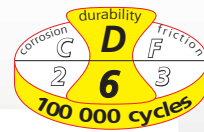


## System for wardrobe doors

# PICOSTAR® 2

For panel thickness: from 12 to 19 mm

See details of the standard EN 1527 p.4

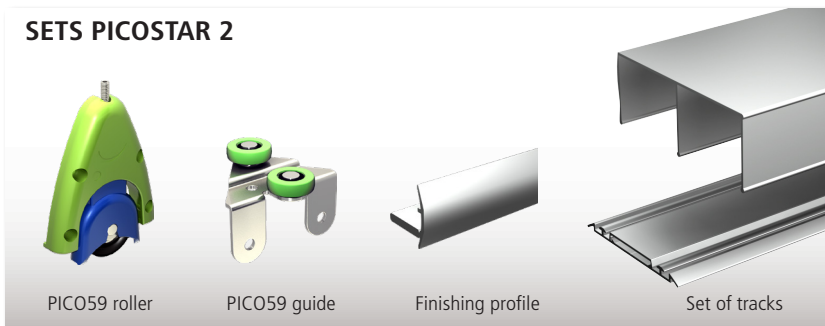


CAPACITY/PANEL	55 KG
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

### SETS packaged in PET tube - without handles

Item Nr.	Description
72/200A	Set of natural anodised tracks in <b>2 m</b> lengths for <b>2 panels</b> : - 1 aluminium set of upper and lower tracks + housing in 2 m. length - 1 aluminium finishing profile <b>61T</b> of 2 m. length - 4 <b>PICO59</b> rollers and 4 <b>PICO59</b> guides - Screws and mounting instructions
72/200B	Ditto lacquered white (RAL 9016) finishing
72/300A	Set of natural anodised tracks in <b>3 m</b> lengths for <b>3 panels</b> : - 1 aluminium set of upper and lower tracks + housing in 3 m. length - 2 aluminium finishing profile <b>61T</b> of 2 m. length - 6 <b>PICO59</b> rollers and 6 <b>PICO59</b> guides - Screws and mounting instructions
72/300B	Ditto lacquered white (RAL 9016) finishing

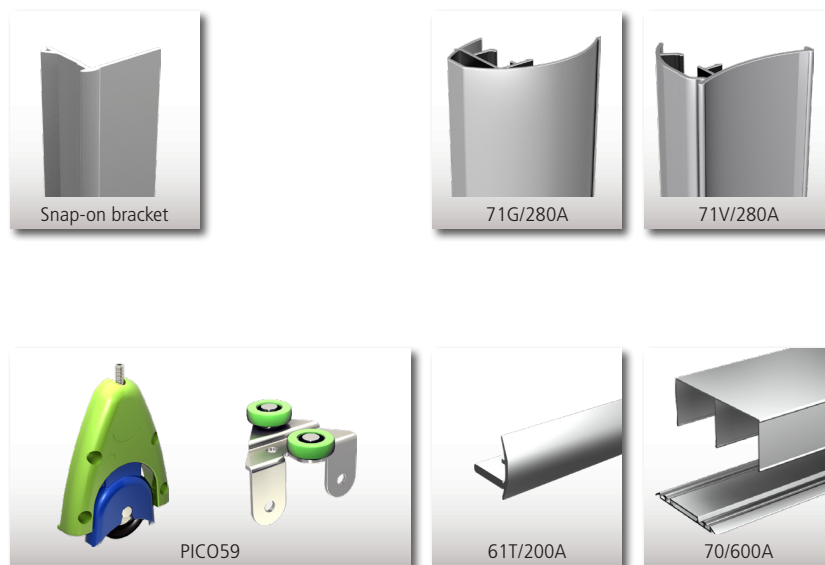
### SETS PICOSTAR 2



### HANDLES 2.8 m long – packaged by 2 in PET tube

71G/280A	Set of 2 anodized aluminium "drop" handles. Suiting for panels from 12 to 19 mm thickness. - 2.8 m. length Furnished with 6 snap-on bracket (3 on each side on the panel)
71G/280B	Ditto lacquered white (RAL 9016) finishing
71V/280A	Set of 2 anodized aluminium "coma" handles. Suiting for panels from 12 to 19 mm thickness. - 2.8 m. length Furnished with 6 snap-on bracket (3 on each side on the panel)
71V/280B	Ditto lacquered white (RAL 9016) finishing

### PICOSTAR 2 HANDLES



### Components by piece:

#### SET OF UPPER AND LOWER TRACKS

70/600A	Aluminium set of upper and lower tracks + housing in 6 m. length
70/600B	Ditto lacquered white (RAL 9016) finishing

#### GEAR

PICO59	<u>Gear for equipping 1 panel:</u> - 2 rollers equipped with nylon rollers mounted on precision ball bearings - 2 guides equipped with nylon rollers mounted on precision ball bearings - Fixing screw and installation instructions	10
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#### FINISHING PROFILES in lengths of 2 m

61T/200A	Anodized aluminum profile (bottom of the door)- 2 m. length	8
61T/200B	Ditto lacquered white (RAL 9016) finishing	8

**SlidSoft**  
match up your projects

### ONLINE CALCULATION

Estimating the cost of your project is easy!  
Simply enter the dimensions of your opening and your options. You will also have access to the full details of the products and plans.

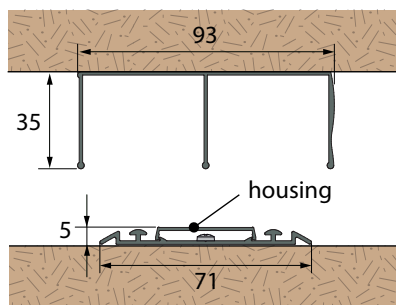
[www.mantion.com](http://www.mantion.com)

Top design range for the equipment of wardrobes and cupboards:

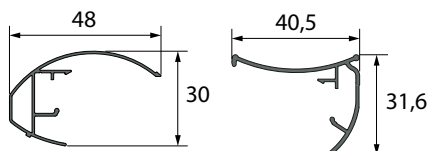
- **QUALITY:** The upper guide and roller are equipped with ball bearings for easy and silent motion
- **DESIGN:** Reversible upper track: one curved face and one flat face
- **INGENIOUS:** suitable for panels from 12 to 19 mm thickness
- **SAFETY:** Antiderailing system on mountings
- **CONVENIENCE:** Damper closer system, keeps door closed
- **SLIDSOFT®:** online calculator



PICOSTAR® 2

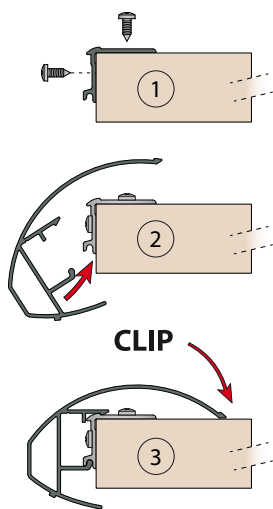


Set of PICOSTAR tracks  
(2 - 3 - 6 m)



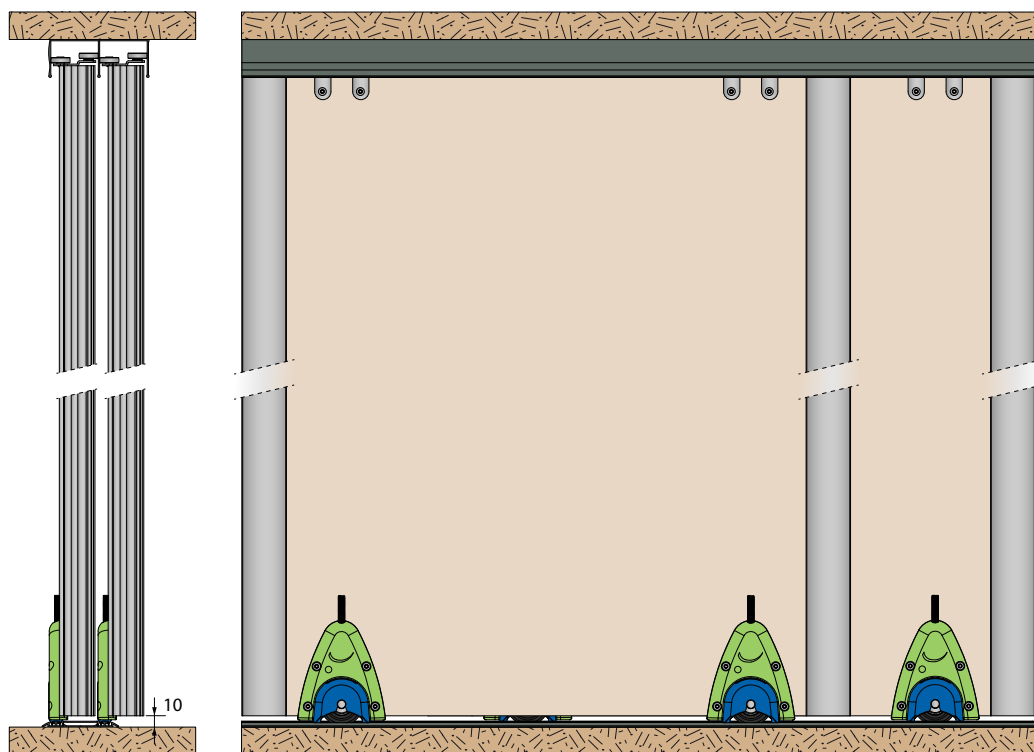
DROP handle  
**71G/280A**  
**71G/280B**

COMMA handle  
**71V/280A**  
**71V/280B**

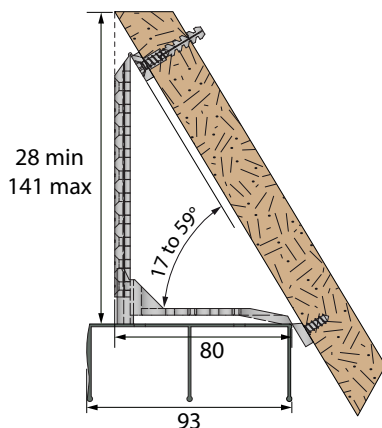


Profiles are snapped on in 3 steps:  
it just takes a simple click!  
(example shown with DROP handle)

## PICOSTAR® 2

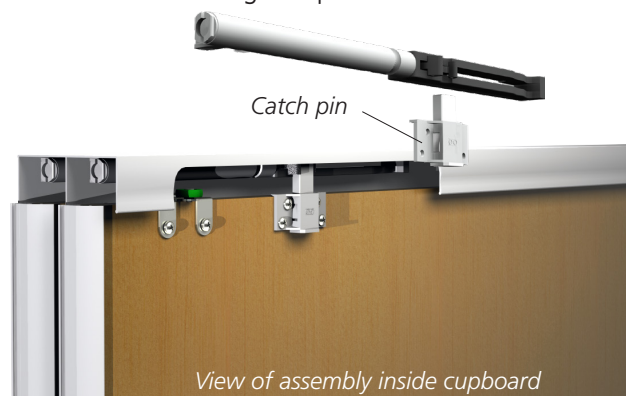


Mounting kit **66KSP** for slanted ceiling



See accessories p.28

door closing damper **66AFP3**



View of assembly inside cupboard

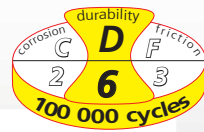


## System for wardrobe doors

# PICOSTAR® 18

For panel thickness of 18 mm

See details of the standard EN 1527 p.4

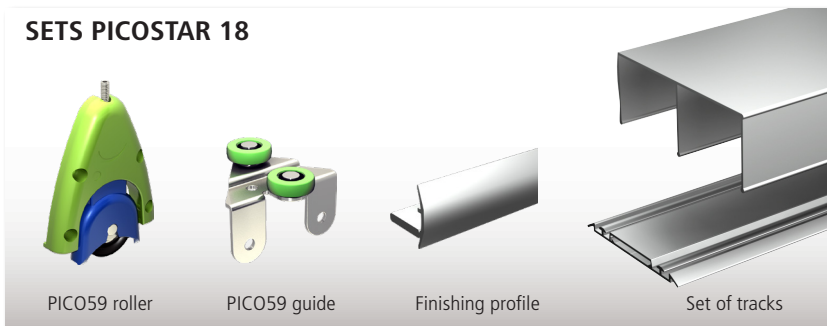


CAPACITY/PANEL	55 KG
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

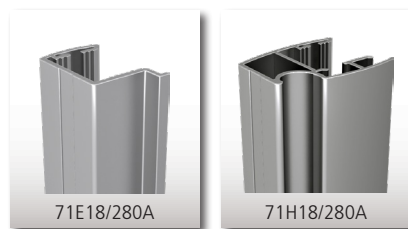
### SETS packaged in PET tube - without handles

Item Nr.	Description
72/200A	Set of natural anodised tracks in <b>2 m</b> lengths for <b>2 panels</b> : - 1 aluminium set of upper and lower tracks + housing in 2 m. length - 1 aluminium finishing profile <b>61T</b> of 2 m. length - 4 <b>PICO59</b> rollers and 4 <b>PICO59</b> guides - Screws and mounting instructions
72/200B	Ditto lacquered white (RAL 9016) finishing
72/300A	Set of natural anodised tracks in <b>3 m</b> lengths for <b>3 panels</b> : - 1 aluminium set of upper and lower tracks + housing in 3 m. length - 2 aluminium finishing profile <b>61T</b> of 2 m. length - 6 <b>PICO59</b> rollers and 6 <b>PICO59</b> guides - Screws and mounting instructions
72/300B	Ditto lacquered white (RAL 9016) finishing

### SETS PICOSTAR 18



### PICOSTAR 18 HANDLES



### HANDLES 2.8 m long – packaged by 2 in PET tube

71E18/280A	Set of 2 anodized aluminium handles. Suited for panels of 18 mm thickness. - 2.8 m. length
71E18/280B	Ditto lacquered white (RAL 9016) finishing
71H18/280A	Set of 2 anodized aluminium handles. Suited for panels of 18 mm thickness. - 2.8 m. length
71H18/280B	Ditto lacquered white (RAL 9016) finishing

### Components by piece:

#### SET OF UPPER AND LOWER TRACKS

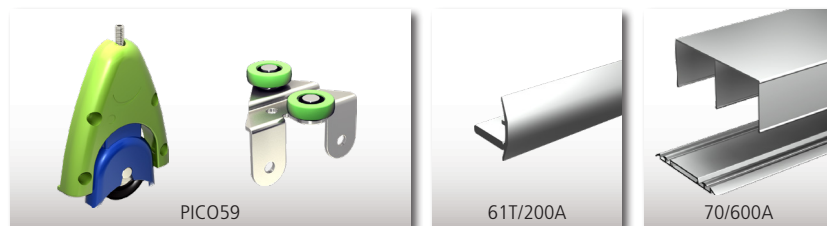
70/600A	Aluminium set of upper and lower tracks + housing in 6 m. length
70/600B	Ditto lacquered white (RAL 9016) finishing

#### GEAR

PICO59	<u>Gear for equipping 1 panel:</u> - 2 rollers equipped with nylon rollers mounted on precision ball bearings - 2 guides equipped with nylon rollers mounted on precision ball bearings - Fixing screw and installation instructions	10
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#### FINISHING PROFILES in lengths of 2 m

61T/200A	Anodized aluminum profile (bottom of the door)- 2 m. length	8
61T/200B	Ditto lacquered white (RAL 9016) finishing	8



**SlidSoft**  
match up your projects

### ONLINE CALCULATION

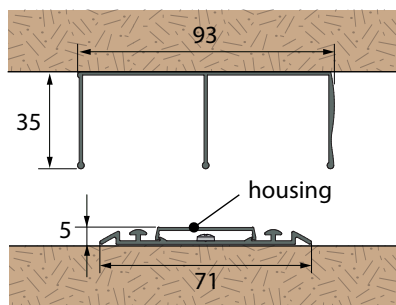
Estimating the cost of your project is easy!  
Simply enter the dimensions of your opening and your options. You will also have access to the full details of the products and plans.

[www.mantion.com](http://www.mantion.com)

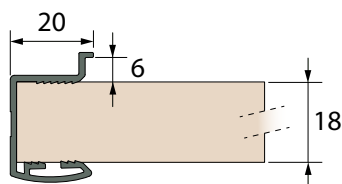


Top design range for the equipment of wardrobes and cupboards:

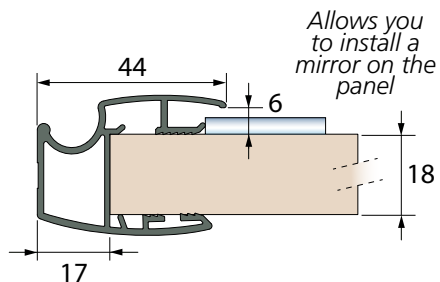
- **QUALITY:** The upper guide and roller are equipped with ball bearings for easy and silent motion
- **DESIGN:** Reversible upper track: one curved face and one flat face
- **SAFETY:** Antiderailing system on mountings
- **CONVENIENCE:** Damper closer system, keeps door closed
- **SLIDSOFT®:** online calculator



**Set of PICOSTAR tracks**  
(2 - 3 - 6 m)



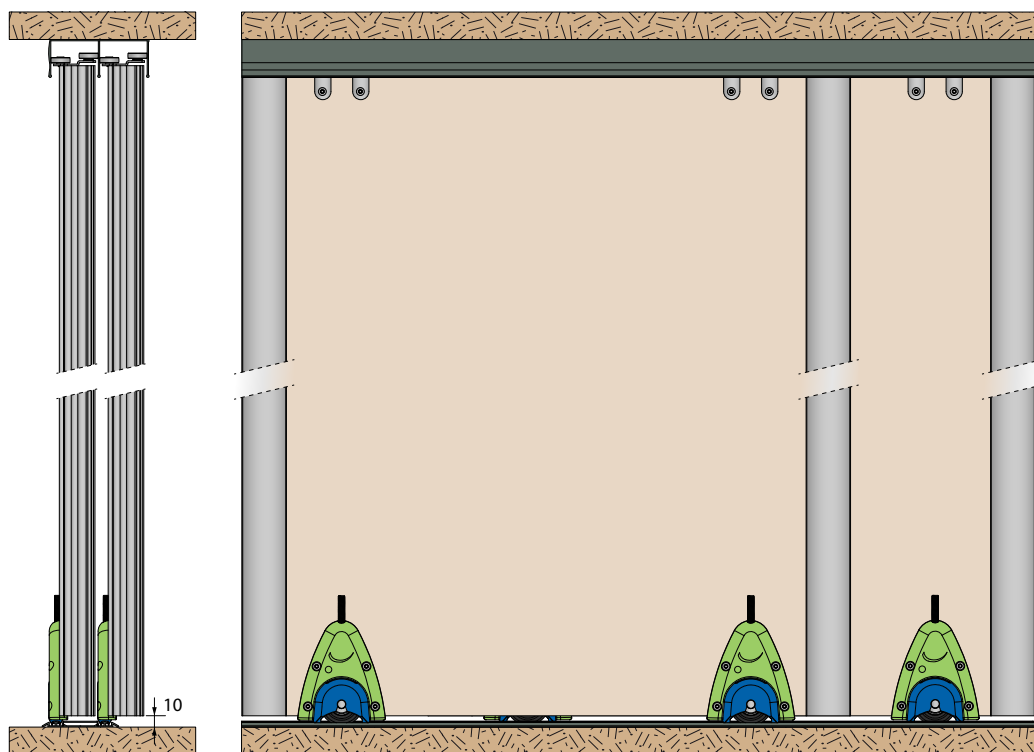
**71E18/280A - 71E18/280B**



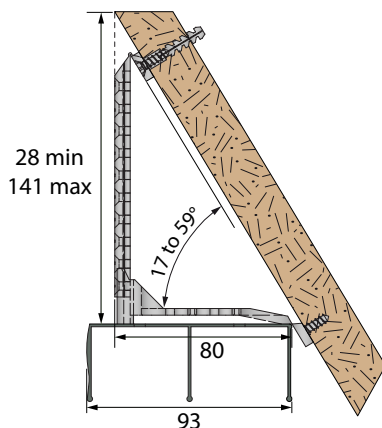
**71H18/280A - 71H18/280B**

*Allows you to install a mirror on the panel*

## PICOSTAR® 18

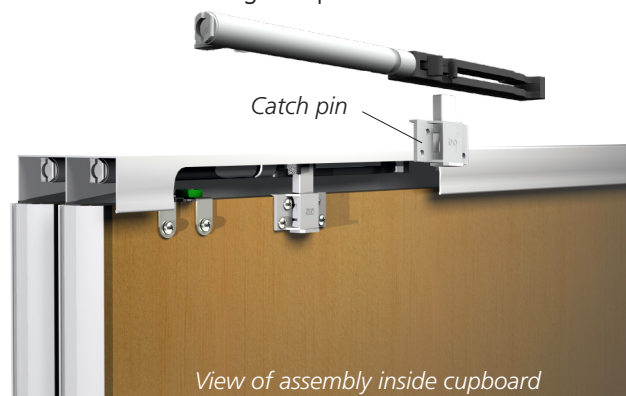


Mounting kit **66KSP** for slanted ceiling



See accessories p.28

door closing damper **66AFP3**



View of assembly inside cupboard

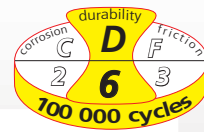


# System for wardrobe doors

## PICOSTAR® 19

For panel thickness of 19 mm

See details of the standard EN 1527 p.4

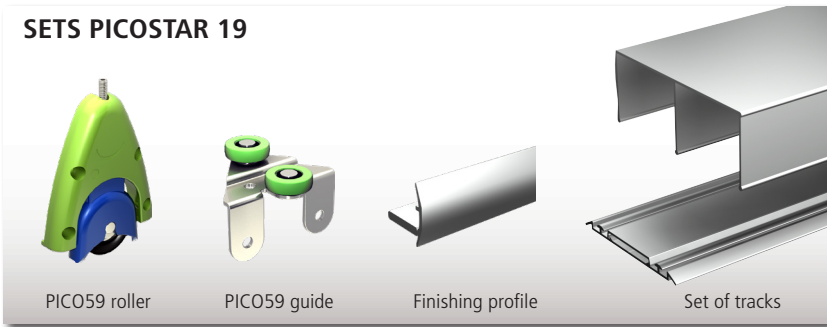


CAPACITY/PANEL	55 KG
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

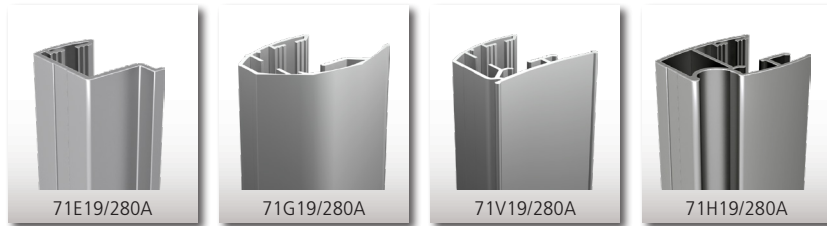
### SETS packaged in PET tube - without handles

Item Nr.	Description
72/200A	Set of natural anodised tracks in <b>2 m</b> lengths for <b>2 panels</b> : - 1 aluminium set of upper and lower tracks + housing in 2 m. length - 1 aluminium finishing profile <b>61T</b> of 2 m. length - 4 <b>PICO59</b> rollers and 4 <b>PICO59</b> guides - Screws and mounting instructions
72/200B	Ditto lacquered white (RAL 9016) finishing
72/300A	Set of natural anodised tracks in <b>3 m</b> lengths for <b>3 panels</b> : - 1 aluminium set of upper and lower tracks + housing in 3 m. length - 2 aluminium finishing profile <b>61T</b> of 2 m. length - 6 <b>PICO59</b> rollers and 6 <b>PICO59</b> guides - Screws and mounting instructions
72/300B	Ditto lacquered white (RAL 9016) finishing

### SETS PICOSTAR 19



### PICOSTAR 19 HANDLES



### HANDLES 2.8 m long – packaged by 2 in PET tube

71E19/280A	Set of 2 anodized aluminium handles. Suiting for panels of 19 mm thickness. - 2.8 m. length
71E19/280B	Ditto lacquered white (RAL 9016) finishing
71G19/280A	Set of 2 anodized aluminium handles. Suiting for panels of 19 mm thickness. - 2.8 m. length
71G19/280B	Ditto lacquered white (RAL 9016) finishing
71V19/280A	Set of 2 anodized aluminium handles. Suiting for panels of 19 mm thickness. - 2.8 m. length
71V19/280B	Ditto lacquered white (RAL 9016) finishing
71H19/280A	Set of 2 anodized aluminium handles. Suiting for panels of 19 mm thickness. - 2.8 m. length
71H19/280B	Ditto lacquered white (RAL 9016) finishing

### Components by piece:

#### SET OF UPPER AND LOWER TRACKS

70/600A	Aluminium set of upper and lower tracks + housing in 6 m. length
70/600B	Ditto lacquered white (RAL 9016) finishing

#### GEAR

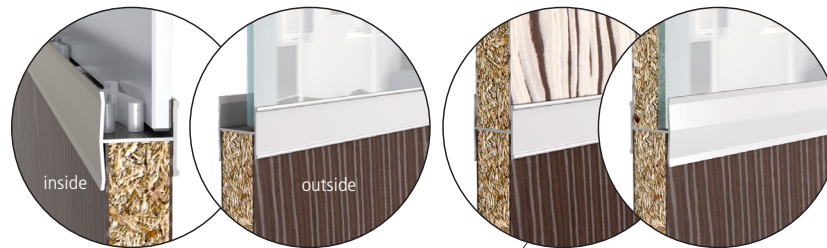
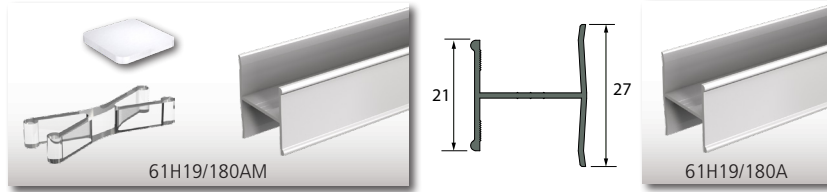
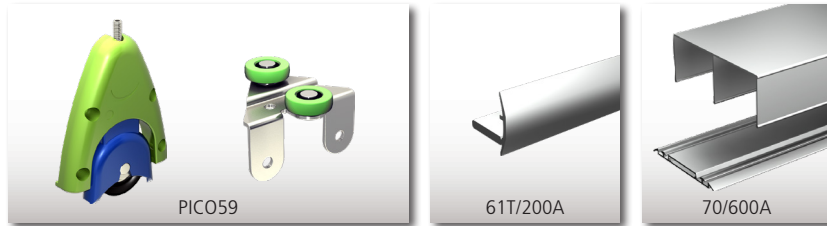
PICO59	Gear for equipping <b>1 panel</b> : - 2 rollers equipped with nylon rollers mounted on precision ball bearings - 2 guides equipped with nylon rollers mounted on precision ball bearings - Fixing screw and installation instructions	10
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#### FINISHING PROFILES in lengths of 2 m

61T/200A	Anodized aluminum profile (bottom of the door)- 2 m. length	8
61T/200B	Ditto lacquered white (RAL 9016) finishing	8

#### H-PROFILE FOR CREATING MULTI-PANEL DOORS

61H19/180A	Anodised aluminium H-profile for creating multi-panel doors. One cambered surface and one flat surface. Length = 1.8 m	8
61H19/180AM	Ditto delivered with 12 felt shims and 16 holding clips for adding a mirror section (not glued on a panel)	8



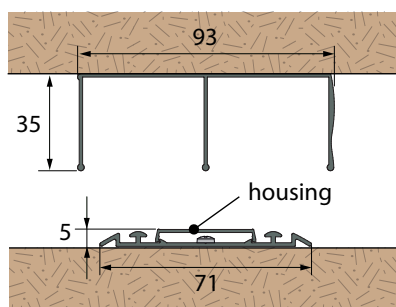
Example for mounting a mirror section with a flat surface H-profile

Example for mounting a multi-panel door with a flat surface H-profile

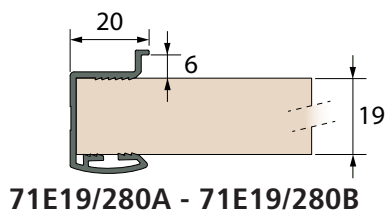
Example for mounting a multi-panel door with a cambered surface H-profile

Top design range for the equipment of wardrobes and cupboards:

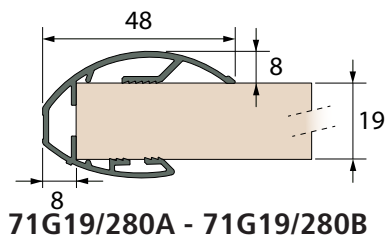
- **QUALITY:** The upper guide and roller are equipped with ball bearings for easy and silent motion
- **DESIGN:** Reversible upper track: one curved face and one flat face
- **SAFETY:** Antiderailing system on mountings
- **CONVENIENCE:** Damper closer system, keeps door closed
- **SLIDSOFT®:** online calculator



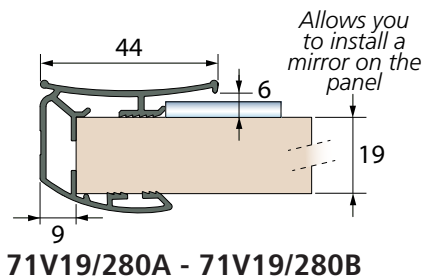
**Set of PICOSTAR tracks**  
(2 - 3 - 6 m)



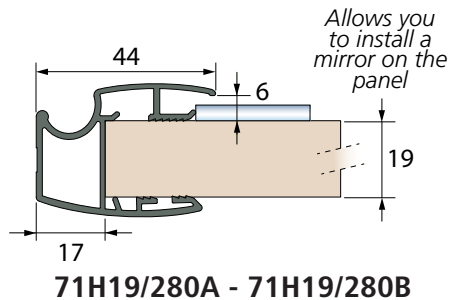
**71E19/280A - 71E19/280B**



**71G19/280A - 71G19/280B**

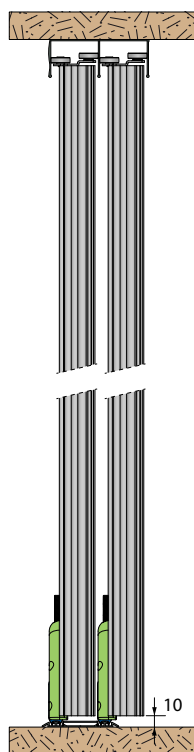


**71V19/280A - 71V19/280B**

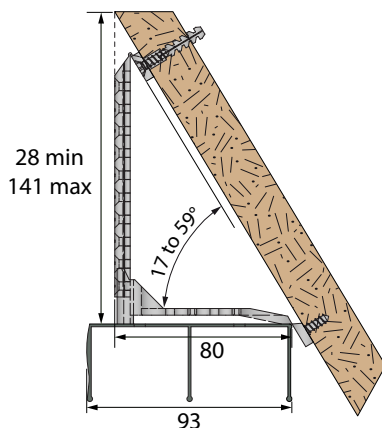


**71H19/280A - 71H19/280B**

**PICOSTAR®19**

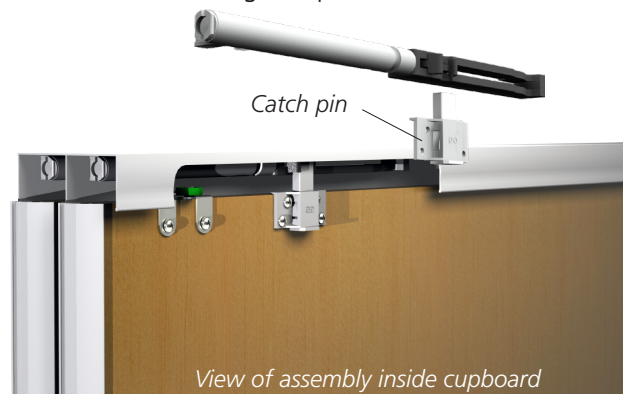


Mounting kit **66KSP** for slanted ceiling



See accessories p.28

door closing damper **66AFP3**



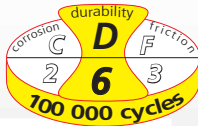
# System for wardrobe doors

## TUBEL®

Available from  
1st January 2021

**NEW**

See details of the standard EN 1527 p.4



CAPACITY/PANEL	30 KG (top mounting roller) 40 KG (side mounting roller)
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

MANTION®



### SETS

Item Nr.	Description	
TUB40-194	Set including: - 1 double-track aluminium in length of <b>1.94 m</b> - 1 gear <b>TUB40-2</b> for 2 panels (side mounting) - screws and assembly instructions	5
TUB40-300	Ditto with double-track of <b>3.00 m</b> length	5



### ALUMINIUM SINGLE TRACKS

30/194	Raw aluminium single track in length of <b>1.94 m</b> pre-drilled for wall or ceiling mounting	8
30/300	Ditto in <b>3.00 m</b> length	8

### ALUMINIUM DOUBLE TRACKS

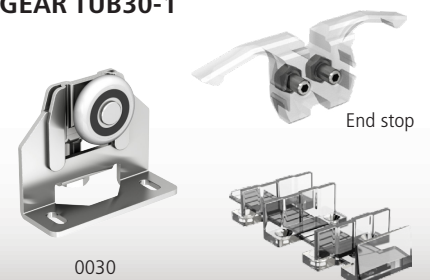
40/194	Raw aluminium double track in length of <b>1.94 m</b> préperçé pour fixation plafond	12
40/300	Ditto in <b>3.00 m</b> length	12

### GEARS

TUB30-1	Gear for 1 panel - <b>top mounting roller</b> - including: - 2 top mounting rollers <b>0030</b> - 2 end stops with panel retention - 1 lower guide <b>1124</b> - screws and assembly instructions	10
TUB40-2	Gear for 2 panels - <b>side mounting roller</b> - including: - 2 side mounting rollers <b>0040-A</b> - 2 side mounting rollers <b>0040-B</b> - 4 end stops with panel retention - 1 lower guide <b>1124</b> - screws and assembly instructions	10
TUB40-3*	Gear for the 3rd panel - <b>side mounting roller</b> - including: - 2 side mounting rollers <b>0040-C</b> - 1 positioner for the middle panel - 2 end stops with panel retention - 1 lower guide <b>1124</b> - screws and assembly instructions	10

\*To be used in addition of the TUB40 sets for a 3<sup>rd</sup> panel.

### GEAR TUB30-1



### GEAR TUB40-3



### GEAR TUB40-2



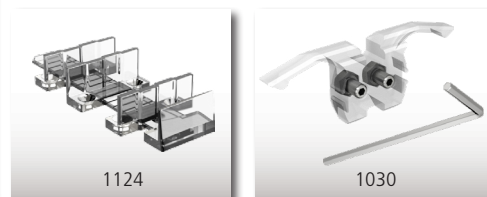
### ROLLERS

0030	Top mounting roller for panels up to 30 Kg	10
0040-A	Side mounting roller for panels up to 40 Kg	10
0040-B	Side mounting roller for panels up to 40 Kg	10
0040-C*	Universal side mounting roller (A or B depending on the mounting) for panels up to 40 Kg	10

\*Roller not compatible with track 30 for wall mounting

### ACCESSORIES

1030	Set of 2 end stops with panel retainer, supplied with fixing key	
1124	Universal guide in transparent Polycarbonate (can be cut)	
66AFP20	damper closer system for gentle closing or opening of doors	



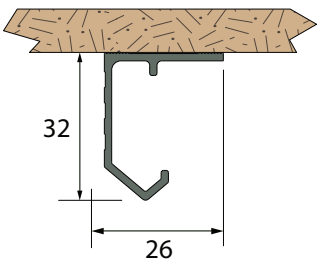
Single or double pull-out system, particularly suitable for making wide cupboards.

- Smooth and silent movement thanks to ball bearing mounts
- The system can be cleverly adapted to panel thicknesses from 16 to 40 mm.
- Possibility of 3-panel mounting
- Optional door closer damper
- 2 types of rollers: top or side mounting of the panel

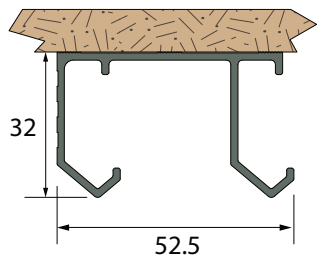
30 Kg (top mounting roller)  
40 KG (side mounting roller)



TUBEL®

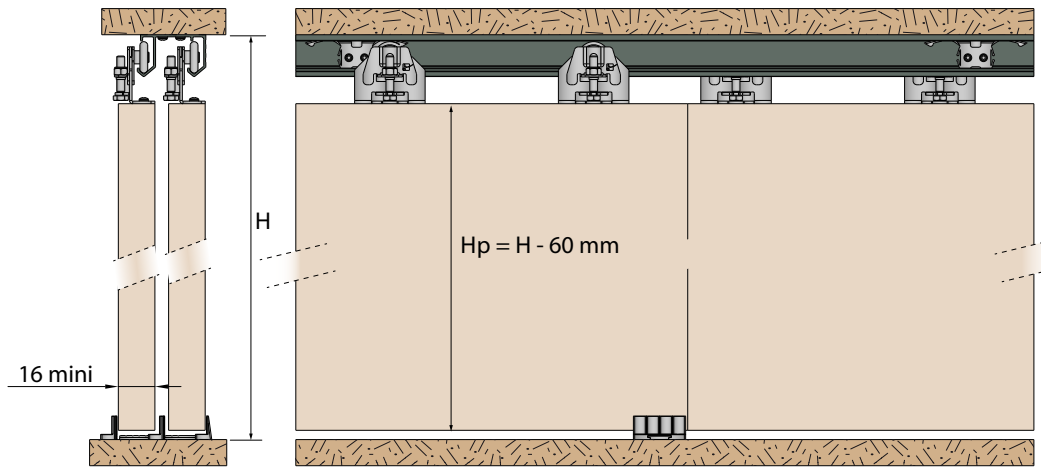


Track 30 (1.94 - 3 m)

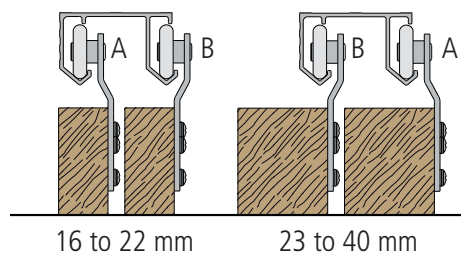


Track 40 (1.94 - 3 m)

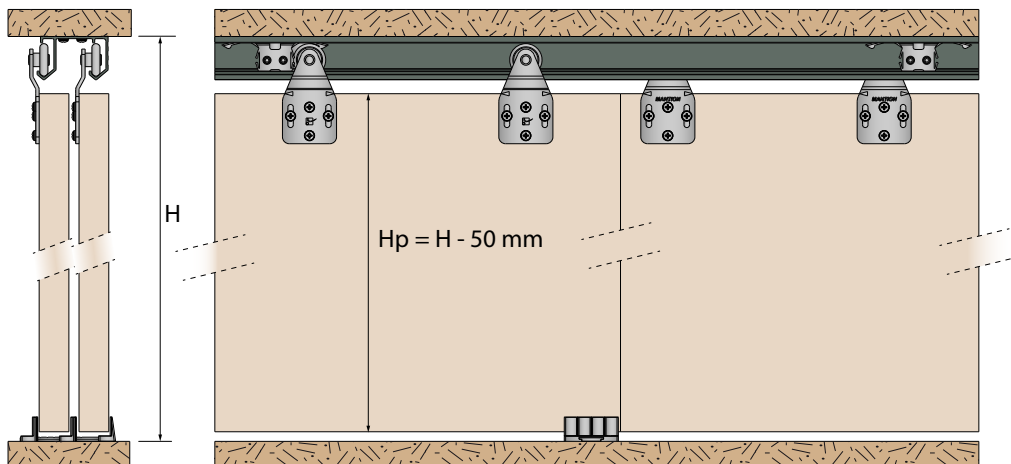
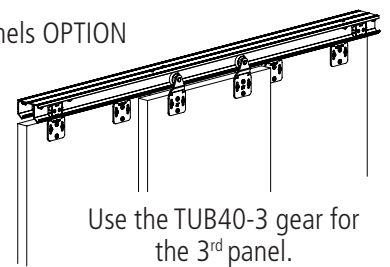
### TUB30 (top mounting roller)



### TUB40 (side mounting roller)



3 panels OPTION



End stop with panel retainer (supplied with fixing key)

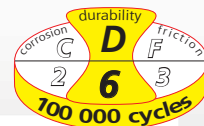


The damper automatically accompanies the panel to the closed position.



# Double track system for wardrobe doors

## SAF®-TWIN



See details of the standard EN 1527 p.4

CAPACITY/PANEL	80 KG
TRACK	ALUMINIUM
MOVEMENT	STRAIGHT

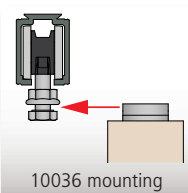
### ALUMINIUM DOUBLE TRACKS

Item Nr.	Description	
11108D35/P78	Raw aluminium double track, 33 x 27 mm cross-section, drilled every 0.44 m. Gap between the two tracks = 44.5 mm Length = <b>1.981 m</b>	
11108D35/P118	Ditto in <b>2.997 m</b> length	
11108D45/P78	Raw aluminium double track, 33 x 27 mm cross-section, drilled every 0.44 m. Gap between the two tracks = 54 mm Length = <b>1.981 m</b>	
11108D45/P118	Ditto in <b>2.997 m</b> length	



### GEAR FOR 1 PANEL

SAF80A-7	<p>Gear for one panel, includes:</p> <ul style="list-style-type: none"> <li>- 2 rollers <b>SAF81A</b> (stainless steel pins mounted on ball bearings)</li> <li>- 2 plates <b>10036</b></li> <li>- 2 end stops <b>11213</b></li> <li>- 1 lower guide <b>1124</b></li> <li>- spanner, screws and assembly instructions</li> </ul>	6
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### GEAR SAF80A-7



Roller SAF81A



Stop 11213



Plate 10036



Guide 1124

### ACCESSORIES

11011/P78	Clip-on anodised aluminium pelmet. Used for ceiling-mounted elements. Height = 63 mm - Length = <b>1.981 m</b>	20
11011/P118	Ditto in <b>2.997 m</b> length	20
M66S	Damper closer system for gentle closing of doors (100 mm). Damper automatically follows door to its closed position. For doors between <b>20-60 Kg</b> . Doors <880 mm : only 1 damper (opening or closing) Doors >880 mm : 2 dampers (opening & closing)	
M67S	Ditto for doors between <b>60-80 Kg</b> . Damper equipped with rollers ensuring a perfect guiding. Doors <900 mm : only 1 damper (opening or closing) Doors >900 mm : 2 dampers (opening & closing)	
11036	Plate for side-mounted doors. L = 127 mm. Can be installed flush to obtain the smallest gap between the track and door ( <b>min. gap of 11 mm required</b> ).	50
1103R	Guide in polyamide to be screwed for doors up to 80 kg Groove 6 x 18 mm.	10

\*for optimal performance, it is important to choose the right damper according to the weight of your door.



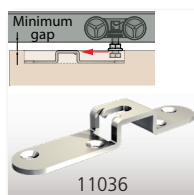
M67S\* - for doors from 61 to 80 Kg



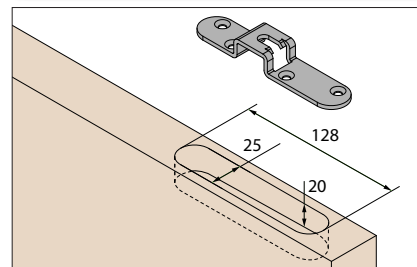
M66S\* - for doors from 20 to 60 Kg



1103R



11036

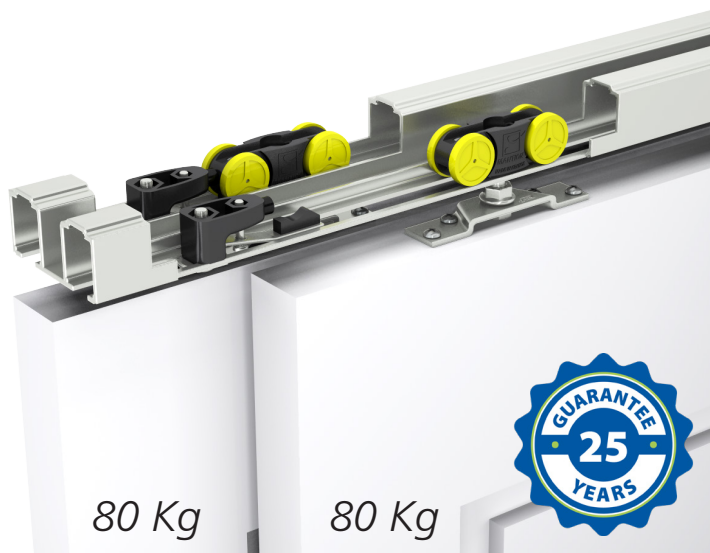


**Plate 11036:** to be embedded for side-mounting doors and minimum gap between track & door

A double straight sliding system for cupboards with 2 or 3 door panels weighing up to 80 kg each and with a maximum thickness of:

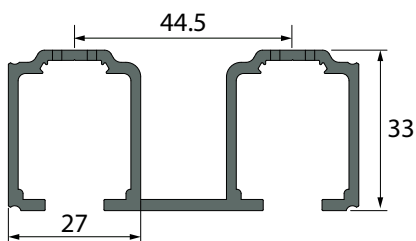
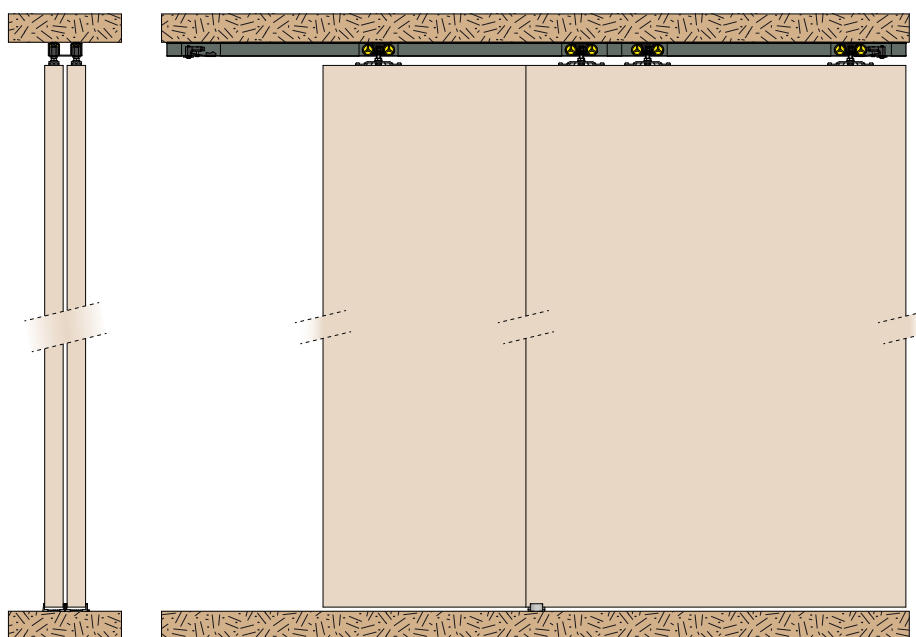
- 35 mm for track 11108D35
- 45 mm for track 11108D45

- **SILENT:** The result of many hours of design and testing, our new hangers ensure doors slide softer than ever.
- **INGENIOUS:** Hangers equipped with a ball joint that improves the robustness of the system and adjusts to any mounting location defects
- **PRACTICAL:** quick and easy to install thanks to the double track.

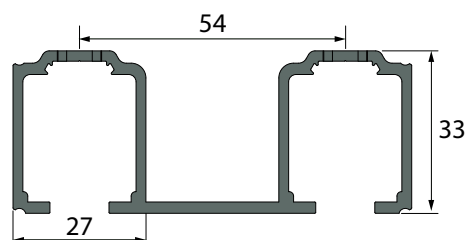


SAF®-TWIN

## SAF®-TWIN



Track 11108D35 (1.981 - 2.997 m)



Track 11108D45 (1.981 - 2.997 m)

### Damper closer M66S

inside the track



Damping stroke:  
100 mm

video



### Damper closer M67S

inside the track

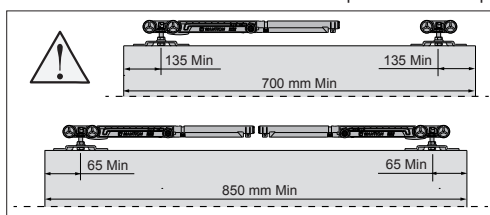


Damping stroke:  
110 mm

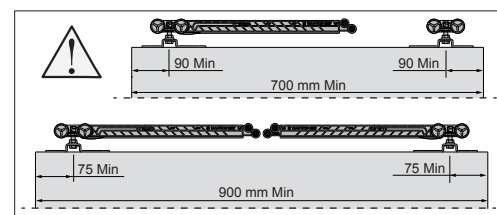
video



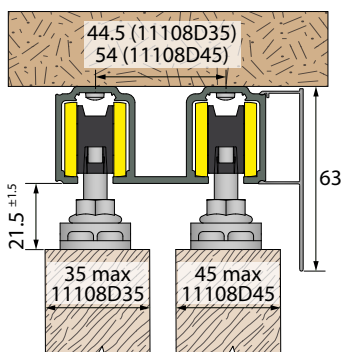
The number of damper closers depends on the minimum width of the door:



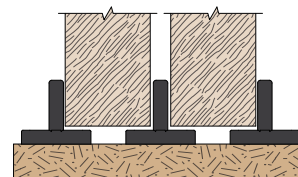
Damper closer M66S



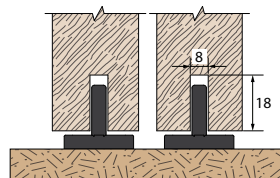
Damper closer M67S



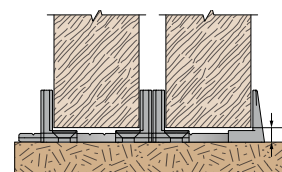
Fixing on the ceiling



Guide 11103R



Guide 11103R + groove

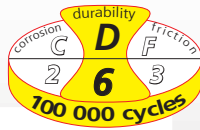


Guide 11124

# System for sliding-folding doors

## 5300

See details of the standard EN 1527 p.4



CAPACITY/PANEL	15 KG
TRACK	ALUMINIUM
MOVEMENT	FOLDING

MANTION®



### SETS for 2 panels without floor guidance

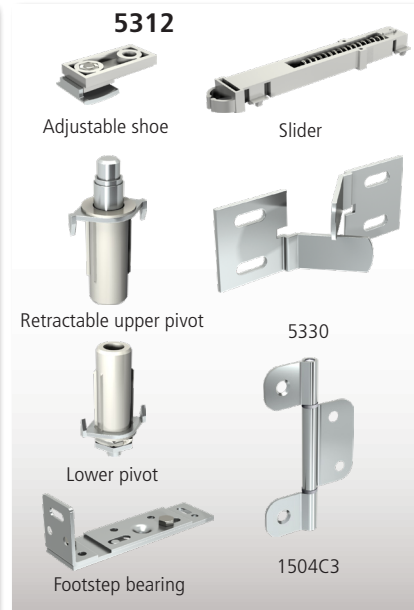
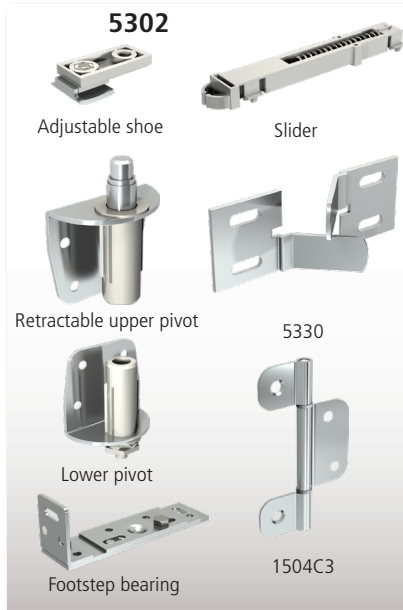
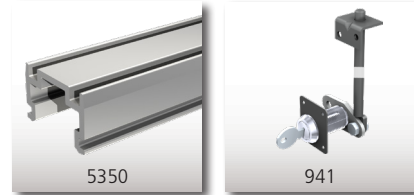
Item Nr.	Description	Icon	Quantity
5302-75	Set including: - 1 gear <b>5302</b> . - 1 track <b>5350</b> in <b>0.75 m.</b> length		10
5302-100	Ditto with track <b>5350</b> in <b>1 m.</b> length		10
5312-75	Set including: - 1 gear <b>5312</b> . - 1 track <b>5350</b> in <b>0.75 m.</b> length		10
5312-100	Ditto with track <b>5350</b> in <b>1 m.</b> length		10

### TRACKS

5350-150	Aluminium track, 22 x 14 mm, drilled to Ø 3.5 every 220 mm in 1.5 m. length	24
5350-200	Ditto in 2 m. length	24

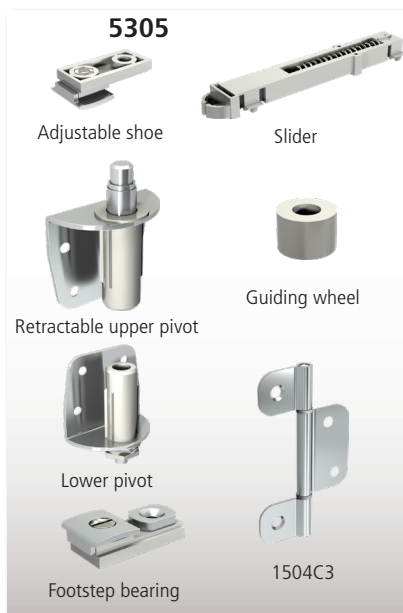
### GEARS for 2 panels without floor guidance

5302	Gear including: - 1 adjustable shoe - 1 slider - 2 retractable upper pivots, side fixing - 1 lower pivot, side fixing - 1 footstep bearing - 3 hinges <b>1504C3</b> - 1 door aligner <b>5330</b> - 1 fitting tool and 1 spanner 8/13 - Screws and mounting instructions	10
5312	Ditto with pivots for top fixing	10



### GEARS for 2 panels with floor guidance

5305	Gear including: - 1 adjustable shoe - 1 slider - 3 retractable upper pivots, side fixing - 1 lower pivot, side fixing - 1 footstep bearing - 3 hinges <b>1504C3</b> - 1 guiding wheel Ø 14.5 mm - 1 fitting tool and 1 spanner 8/13 - Screws and mounting instructions	10
5315	Ditto with pivots for top fixing	10



### ACCESSORIES

5330	Door aligner	10
1504C3	Hinge	25
0941	Cam lock with rod, for cupboards	8

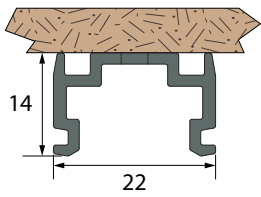


Sliding system for applications with double folding doors. Wall or soffit fixing.

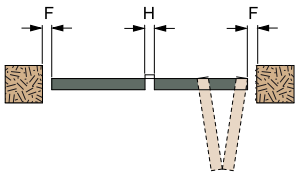
- Easy and quick assembly: systems of retractable pivots in the upper part of the door and accurate adjustment in all directions
- Multiple combinations for wide openings (without any intermediate mullion)
- For a gain of space, it is possible to install very tight panels for wide openings
- Max. panel dimensions: 2.45 x 0.55 m



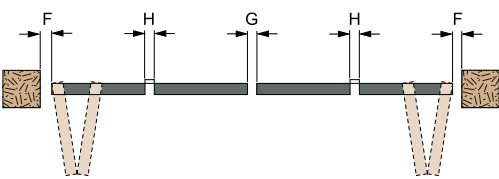
5300



**Track 5350**  
(1.5 - 2 m)



2-panels door (1 gear)



4-panels door (2 gears)

**F:** With angle plate on footstep bearing: 5 mm  
Without angle plate: 3 mm

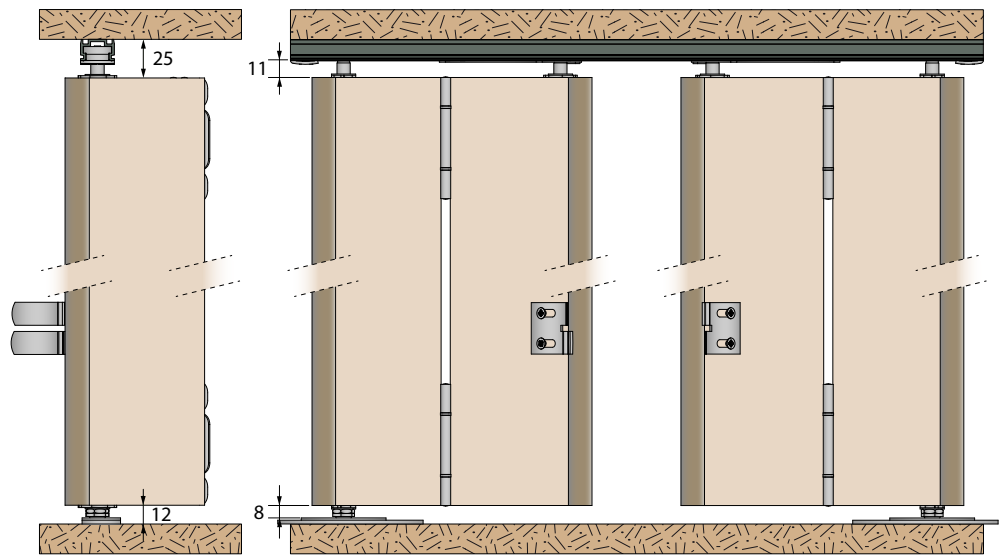
**G:** 3 mm

**H:** 1.5 mm

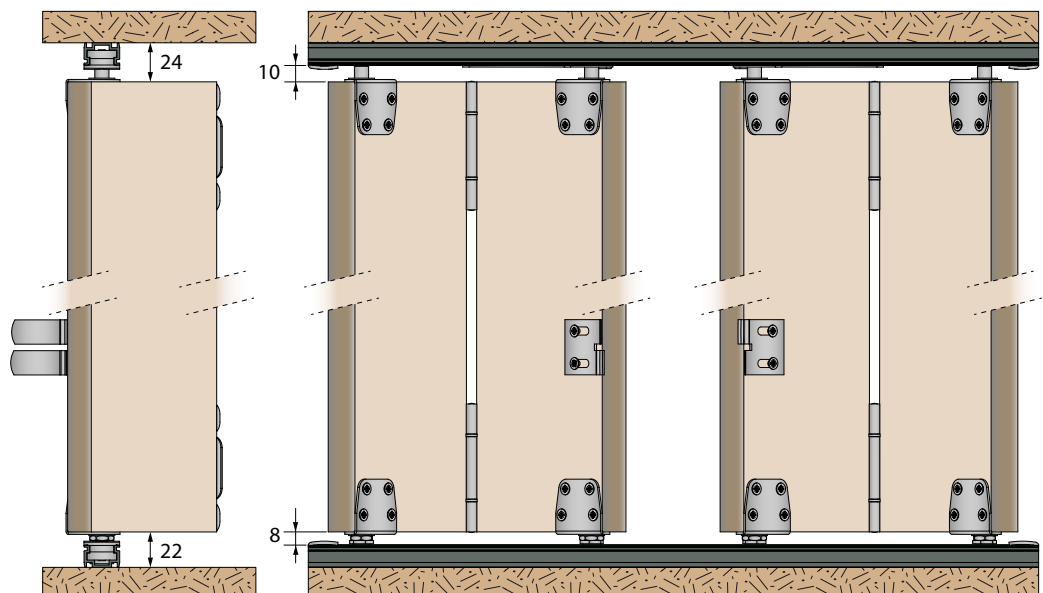
(can be avoided by mortising the hinges)

$$\text{Width of a panel} = \frac{\text{bay width} - \text{clearances}}{\text{number of panels}}$$

### 5302



### 5305

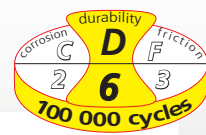




# System for sliding-folding doors


## TANGO

See details of the standard EN 1527 p.4



CAPACITY/PANEL	40 KG
TRACK	ALUMINIUM (SAF)
MOVEMENT	FOLDING

### SETS

Item Nr.	Description	
TANGO40-120	Set for <b>2 panels</b> including: - 1 aluminium track of <b>1.20 m (SAF)</b> - 1 SAF roller (ball bearings) with plate - 1 upper pivot - 1 lower pivot - 3 hinges <b>1504C3</b> (side fixing) - Screws and mounting instructions	8
TANGO40-150	Ditto in 1.5 m. length	8
TANGO40-180*	Set for <b>4 panels</b> including: - 1 aluminium track of <b>1.80 m (SAF)</b> - 2 SAF rollers (ball bearings) with plates - 2 upper pivots - 2 lower pivots - 6 hinges <b>1504C3</b> (side fixing) - Screws and mounting instructions	8
TANGO40-200*	Ditto in 2 m. length	8
TANGO40-300*	Ditto in 3 m. length	8

\*NB : 2 panels on each side of the opening (2 + 2)

### GEAR

TANGO42	Gear to guide <b>2 panels</b> . Suitable for <b>TANGO40-120</b> & <b>TANGO40-150</b> to add 2 panels on a 4 panels installation (2+2) Gear including : - 1 SAF roller (ball bearings) with plate - 1 upper pivot - 1 lower pivot - 3 hinges <b>1504C3</b> (side fixing) - Screws and mounting instructions	6
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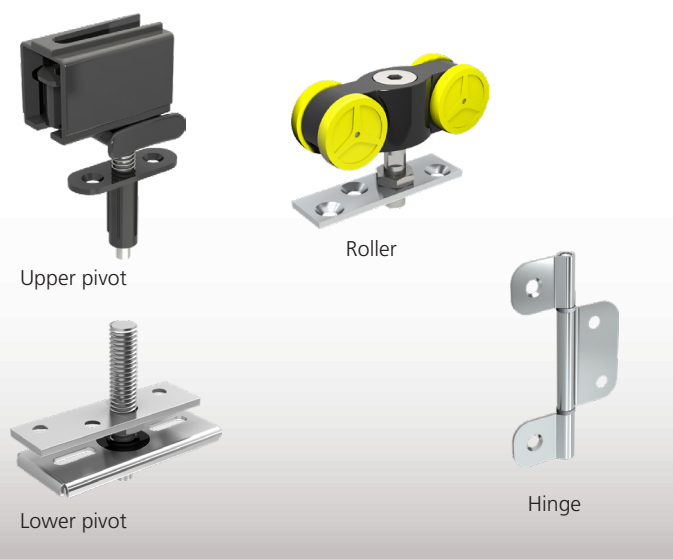
### ACCESSORIES

11013	Sliding angle plate for wall fixing 1 angle plate required every 45 cm.	10
1504PI	Set of 3 special hinges with ball bearings. <u>The benefits:</u> - Holds the panels in the closed position - Closes the gap between the panels This special hinge is an alternative to the hinges <b>1504C3</b> (3 hinges are required for 2 panels installations and 6 for 4 panels installations) Use our <b>SLIDSOFT®</b> calculation software	

### TANGO SET



### TANGO42



Sliding-Folding system for partition doors and wardrobe doors, 2 or 2+2 panels (2 on each side of the opening)

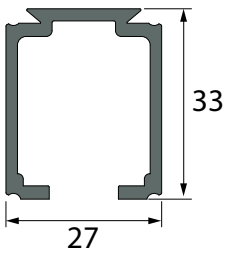
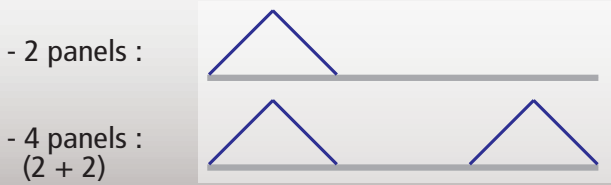
40 Kg / panel



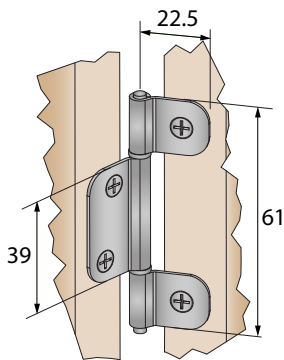
- FLEXIBLE: for 2 or 2+2 panels
- DESIGN: no bottom track and minimum gaps
- PRACTICAL: easy to install and to operate
- For 2 panels each 750 mm maximum width
- Maximum opening of 3 m.



TANGO



**SAF TRACK**  
(1.20 - 1.50 - 1.80 - 2 - 3 m)

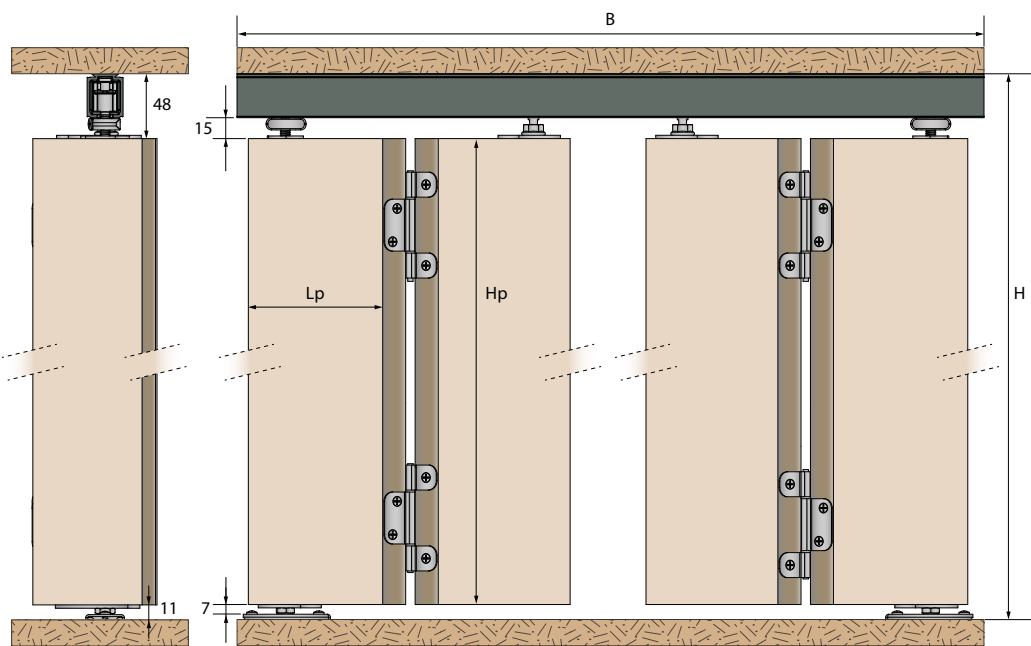


Hinge **1504C3**



Hinge **1504PI**  
(60 x 45 mm)

## TANGO



Lp: panel width (Lp max = 750 mm)  
Hp: Panel height

B: opening width  
H: opening height

### Width of opening according to the panels dimensions:

	Configuration (No. of panels)	<b>2 + 2</b>	<b>2</b>
	Opening width	$B = 4Lp + 3.6 + J$	$B = 2Lp + 1.2 + J$
	Opening height	$H = Hp + 64$	
	Configuration (No. of panels)	<b>2 + 2</b>	<b>2</b>
	Opening width	$B = 4Lp + 1.2 + J$	$B = 2Lp + J$
	Opening height	$H = Hp + 64$	

The «J» value varies according to the panels thickness:

Ep	J
16 < Ep < 22	4
22 < Ep < 28	6
28 < Ep < 32	8
32 < Ep < 40	12

### Width of panels according to the opening dimensions:

	Configuration (No. of panels)	<b>2 + 2</b>	<b>2</b>
	Panels width	$Lp = \frac{B - 3.6 - J}{4}$	$Lp = \frac{B - 1.2 - J}{2}$
	Panels height	$Hp = H - 64$	
	Configuration (No. of panels)	<b>2 + 2</b>	<b>2</b>
	Panels width	$B = \frac{B - 1.2 - J}{4}$	$B = \frac{B - J}{2}$
	Panels height	$Hp = H - 64$	

Ep	J
16 < Ep < 22	4
22 < Ep < 28	6
28 < Ep < 32	8
32 < Ep < 40	12

## BRUSH SEALS & JOINTS

<b>63A5/1200</b>	Adhesive brush seal with short bristles 5 mm. Length: 12 m.
<b>63A15/1200</b>	Ditto with 15 mm bristles
<b>63A20/1200</b>	Ditto with 20 mm bristles
<b>63A25/1200</b>	Ditto with 25 mm bristles
<b>1150/105</b>	Dustproof brush, support PVC with bristles 15 mm. Drilled every 220 mm, supplied in individual blister. Length: 1.05 m.
<b>1151/250</b>	Dustproof brush, support PVC with bristles 22 mm. Length: 2.5 m.
<b>1152A11/200</b>	Dustproof brush, support aluminium with bristles 10 mm. Length: 2 m.
<b>1151A/300</b>	Dustproof brush, support aluminium with bristles 35 mm. Length: 3 m.
<b>1151AL/300</b>	Dustproof brush, support aluminium with bristles 40 mm. Length: 3 m.
<b>63C10/250</b>	Brush seal to be inserted in groove of 7 x 3 mm. Length: 2.5 m.
<b>63C10/10</b>	Ditto. Length: 10 m.
<b>63B10/250</b>	Brush seal to be inserted in groove of 6 x 4 mm. Length: 2.5 m.
<b>63B10/10</b>	Ditto. Length: 10 m.
<b>66JB/300</b>	Transparent adhesive seal - Length: 3 m.
<b>66JB/350</b>	Ditto. Length: 3.5 m.
<b>66JN/250</b>	Black adhesive seal - Length: 2.5 m.
<b>66JC5/250</b>	Round joint Ø 5 mm to be inserted in groove of 5 x 2 mm. Length: 2.5 m.
<b>66JC5/10</b>	Ditto. Length: 10 m.



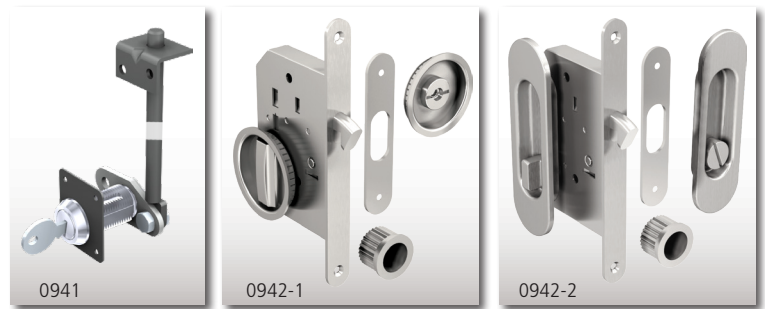
## DOOR CLOSING DAMPER

<b>66AFP3</b>	Damper system allowing for soft closing of doors. Thanks to a catch pin fixed on the panel, the damper automatically travels to the closed position along with the door. Packaged in PET tube.
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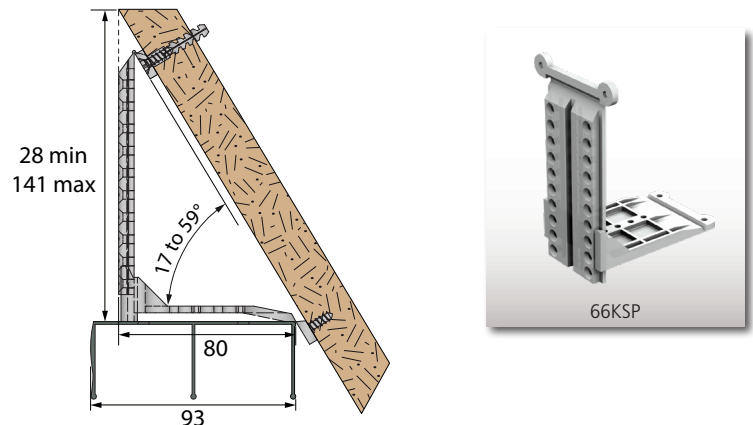
## LOCKS

<b>0941</b>	Lock with rod in galvanized steel. Rod length = 1200 mm - Supplied with 2 keys
<b>0942-1</b>	Set of flush lock with brushed finish including : - 1 hook lock (case 68x100 mm) + 1 strike (height 90 mm) - 2 handles with round rosaces - indoor / outdoor locking - 1 cupped finger pull
<b>0942-2</b>	Ditto with 2 oval rosaces



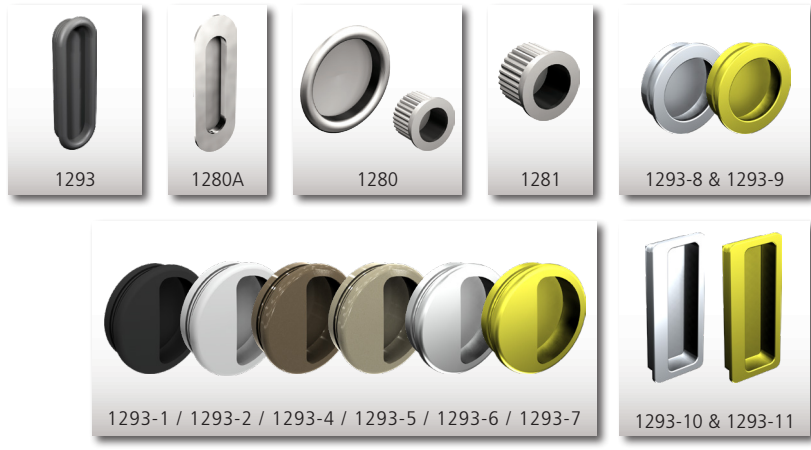
## MOUNTING KIT FOR SLANTED CEILING

<b>66KSP</b>	The "slanted ceiling" kit allows you to easily fasten the upper track horizontally. Slant from 17 to 59°.
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## HANDLES

Item Nr.	Description	
1293	«Oval» cupped finger pull in ABS, mortising type. Height: 80 mm - Width: 27 mm.	10
1296	«Square» cupped finger pull in ABS, mortising type. Height: 100 mm - Width: 60 mm.	10
1280	Set of 2 round handles Ø 56 mm and 1 cupped finger pull Ø 29 mm in stainless steel.	
1281	Stainless steel finger pull (door edge) - Ø 29 mm.	
1280A	Set of oval handles. In stainless steel -120 x 41 mm.	
1293-1	Round recessed handles in ABS Ø 50 mm in black colour	
1293-2	Ditto in white colour	
1293-4	Ditto in brown colour	
1293-5	Ditto in beige colour	
1293-6	Ditto in silver colour	
1293-7	Ditto in gold colour	
1293-8	Round recessed handles in chrome-plated metal Ø 35 mm (ideal for door edge)	
1293-9	Ditto in gold-plated metal	
1293-10	Rectangular recessed handles in chrome-plated metal 32 x 75 mm	
1293-11	Ditto in gold-plated metal	



## HINGES

### WALL FIXING

1504P	Galvanized steel 12/10° - 70 x 40 mm - steel axle Ø 4 mm.	25
1504PI	Special hinge with ball bearings. Aluminium 30/10° - 45 x 45 mm - steel axle Ø 4 mm.	
1506P	Galvanized steel 20/10° - 40 x (47 + 30) mm - steel axle Ø 6 mm.	
1508P	Galvanized steel 20/10° - 50 x 65 mm - PVC axle Ø 8 mm.	25
11508X	Polished stainless steel 20/10° - 65 x 62 mm. Stainless steel axle Ø 8 mm.	10
1510DXA2	Brushed stainless steel 30/10° - 100 x 67 mm. Stainless steel axle Ø 10 mm.	
1510DPXA2	Ditto with handle	
1508PS	Galvanized steel 20/10° - 50 x 65 mm - PVC axle Ø 8 mm.	25
1508PSE	Galvanized steel 20/10° - 50 x 196 mm - PVC axle Ø 8 mm.	10
1510P	Galvanized steel 18/10° - 50 x 65 mm - PVC axle Ø 10 mm.	10
1510PS	Galvanized steel 25/10° - 50 x 196 mm - steel axle Ø 10 mm.	10
1512P	Galvanized steel 20/10° - 85 x 85 mm - steel axle Ø 12 mm.	10
1514P	Galvanized steel 30/10° - 120 x 100 mm - steel axle Ø 14 mm.	6
1516P	Galvanized steel 40/10° - 120 x 100 mm - steel axle Ø 16 mm.	4

### TOP FIXING

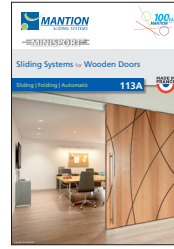
1504C3	Galvanized steel 12/10° - 80 x 45 mm - steel axle Ø 4 mm.	25
1510CXA2	Brushed stainless steel 30/10° - 100 x 67 mm. Stainless steel axle Ø 10 mm.	
1510C	Galvanized steel 18/10° - 80 x 60 mm - PVC axle Ø 10 mm.	10
1512C	Galvanized steel 25/10° - 85 x 85 mm - PVC axle Ø 12 mm.	10
1512CR	Galvanized steel 25/10° - 85 x 60 mm - PVC axle Ø 12 mm.	10
1514C	Galvanized steel 30/10° - 120 x 100 mm - steel axle Ø 14 mm.	6
1516C	Galvanized steel 40/10° - 120 x 100 mm - steel axle Ø 16 mm.	4



## Our range for INTERIOR DOORS 113A

Systems for:

- **partition** doors
- **folding** doors
- **pocket** doors



## Our range for SHUTTERS 313A

Systems and motorizations for:

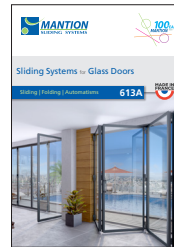
- **sliding** shutters
- **folding** shutters
- **swinging** shutters



## Our range for GLASS DOORS 613A

Systems and motorizations for:

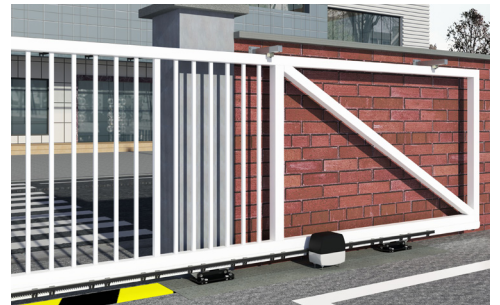
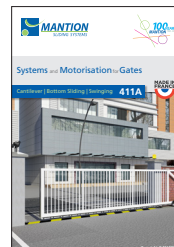
- **sliding** doors
- **sliding/folding** doors
- **automatics** doors



## Our range for GATES 411A

Systems and motorizations for:

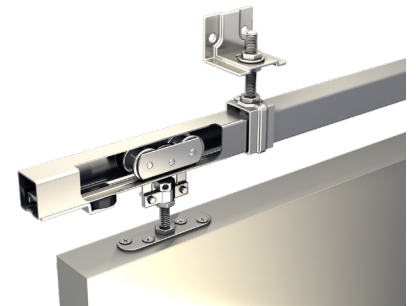
- **canteliver** gates
- **bottom sliding** gates
- gates mounted on **pivots**



## Our range for SPORTUB® 211A

Sliding systems for:

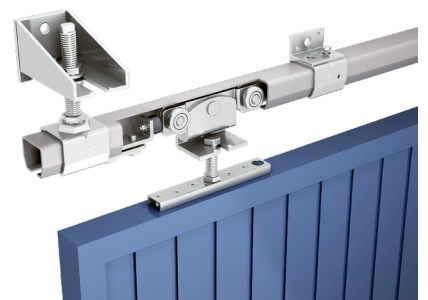
- **straight sliding** doors up to **2000 Kg**
- **lateral displacement** doors
- **folding** doors with **equal panels**
- **folding** doors with **half panels**
- **up and over** doors



## Our range for HERCULE® 911A

Sliding systems for:

- **straight sliding** doors up to **3000 Kg**
- **lateral displacement** doors
- **folding** doors with **equal panels**
- **folding** doors with **half panels**



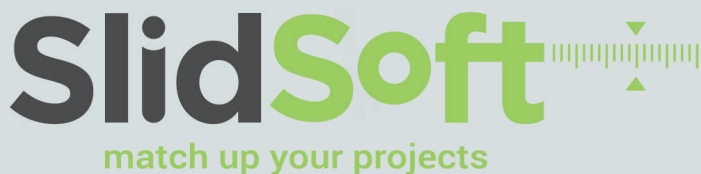
# SLIDSOFT®

- Quick and easy choice of configuration type
- Calculates the dimensions of your shutters, doors and gates
- Complete list of required products
- Product details with visualization window
- Instructions and drawings available for download
- Allows you to enter your client code to obtain a price quotation
- Quotation is automatically transferred to the sales department should you decide to go ahead with the order



## SLIDSOFT® : online configurator

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Your personalised **sliding solution** online and adapted to your needs!



QUOTATION NO. DSGP130420160003  
GLASS DOOR - SAFGLASS

Estable 1 Valid estimate until: 1

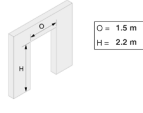
For company:  
For the attention of:  
Address:

Customer reference

Customer R Site REF: Opening:

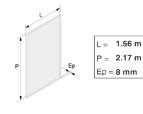
Data entered

Type of fastening: Wall mounting  
Opening height H (m): 2.2 m  
Opening width O (m): 1.5 m  
Number of identical openings: 1  
Door swing clearance - R (m): 1 m  
Weight of one leaf (kg): 67.7 kg  
Type of door: 1 leaf  
Travel type: Manual  
Opening direction: Opening on right side  
Door fascia finish: Anodised aluminium  
Track fascia finish: Anodised aluminium



Results

Door width: L (m): 1.56 m  
Door height: P (m): 2.17 m  
Glass thickness: 8 mm  
Track length: 3.13 m  
Track fascia length (m): 3.19 m  
Door fascia length (m): 1.56 m  
Belt length: 0 m



Mantion SAS does not guarantee the performances or results obtained with the software. Mantion SAS is not required to accept an order based on the results obtained with the software. Accepting such an order does not guarantee these results.

Mantion SAS - 7 rue Guy Lussac - 25000 BESANCON - Tel +33 3 81 50 56 77 - Fax +33 3 81 53 29 76 - mantion@mantion.com

It is easy to determine the solution!  
Simply enter the dimensions of your opening  
and your options.  
You will also have access to the full details  
of the products and plans.



QUOTATION NO. DSGP130420160003  
GLASS DOOR - SAFGLASS

Estable 1 Valid estimate until: 1

Item numbers	Description	Quantity	Price € excl.	TOTLIN
11106400	Alu track for single track 4 m long MANTION®	1.00	€ 120.00	€ 120.00
11041400	Alu petrol for single track 4 m long MANTION®	1.00	€ 120.00	€ 120.00
11041400	Aluminium damp coverage MANTION®	6.00	€ 20.00	€ 120.00
324201	GASKET FOR SAFGLASS TRACK 50 MANTION®	1.00	€ 120.00	€ 120.00
11013	Track bracket for slider stays MANTION®	6.00	€ 20.00	€ 120.00
11046	Set of end pieces for single track MANTION®	1.00	€ 120.00	€ 120.00
102101-1	CLIPPED FINGER PULL 30 MM - CHROMED METAL MANTION®	1.00	€ 120.00	€ 120.00

Total = € 1200.00

Comments:

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Mantion SAS - 7 rue Guy Lussac - 25000 BESANCON - Tel +33 3 81 50 56 77 - Fax +33 3 81 53 29 76 - mantion@mantion.com



# MINISPORT®

Sliding systems for wardrobe doors  
and furniture doors



## MANTION S.A.S

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