



Industrial Series 20

Designed for lightweight applications such as interior doors and cupboards or overhead runway systems and partitions etc. With its vast range of hangers and components, Series 20 offers a smooth, flexible solution for straight, folding and curved configurations. Series 20 maximum panel weight capacity is 90kg.



Key Features

- Suitable for panels up to 90kg
- Can be used for straight sliding or bi-folding applications
- Smooth movement when sliding the doors

Benefits

- Highest quality components
- Full technical support
- Easy to fit

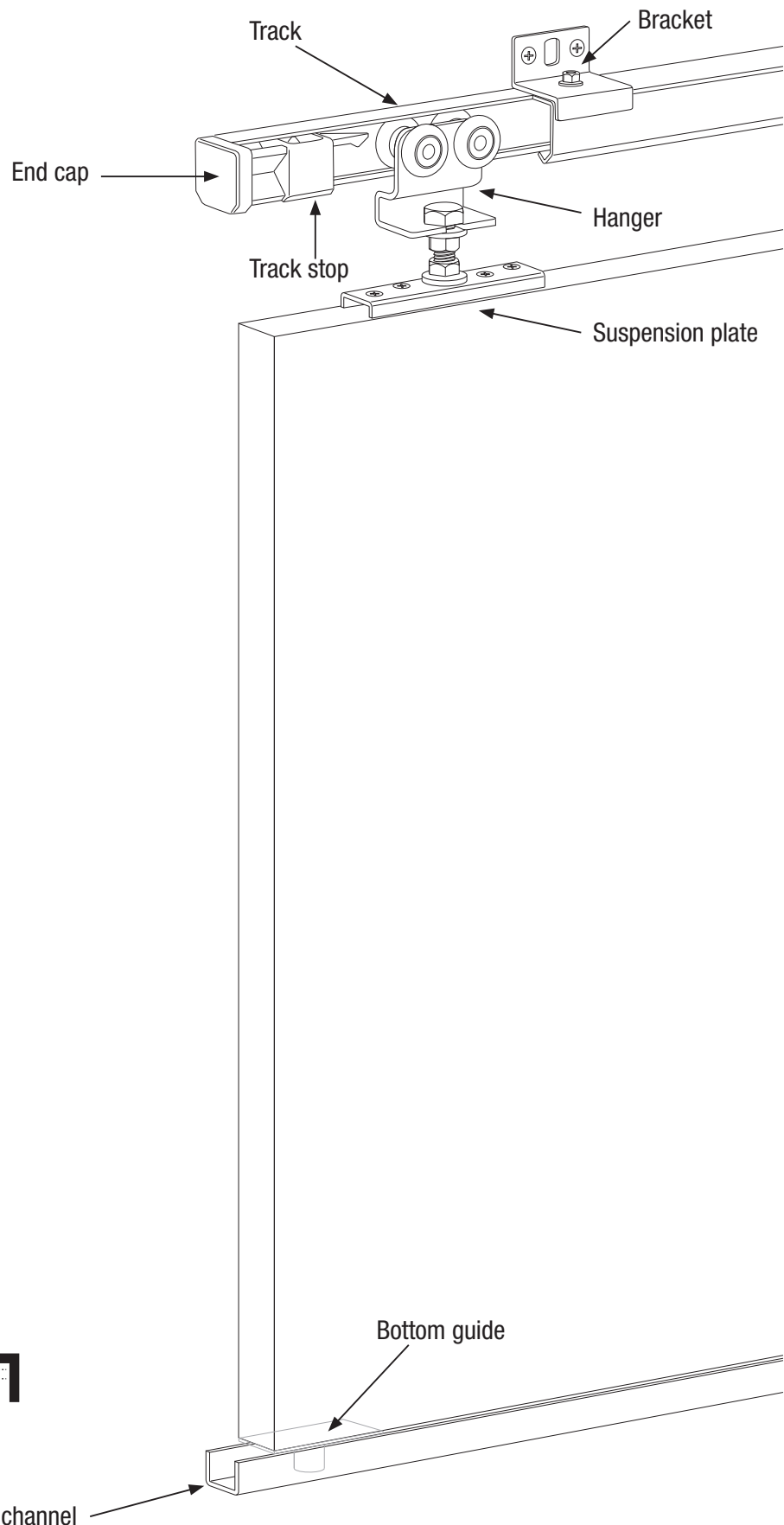
Industrial Series 20

Straight sliding door system for timber or metal doors

Series 20 straight sliding systems are suitable for timber or metal doors with a maximum panel weight up to 70kg (using two 2 wheel hangers per door), or 90kg (using two 4 wheel hangers per door). Components suitable for use with straight sliding systems are detailed below. Generally two hangers are used on each door panel.

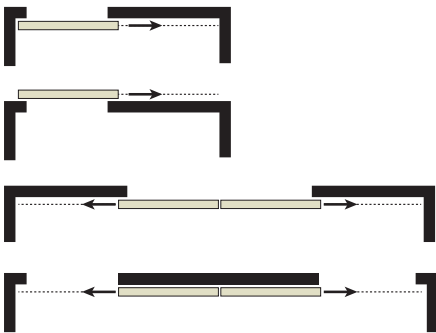
When using upper track support brackets they should be fixed at 600 - 1000mm spacing.

Our Technical Team are available on 01280 822288 to help you with system configuration and hardware selection if required.

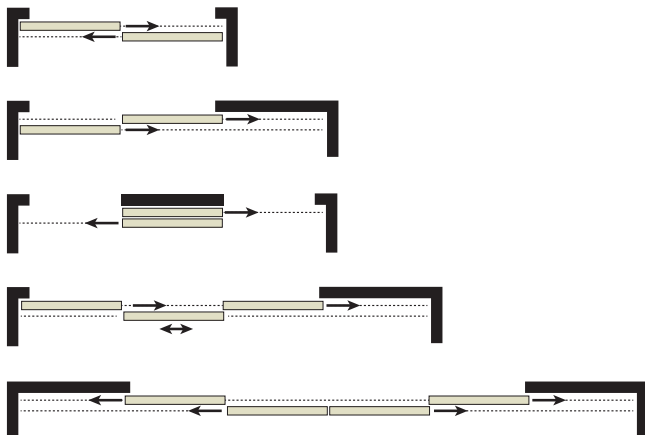


Typical Panel Configurations

Single track run



Double track run

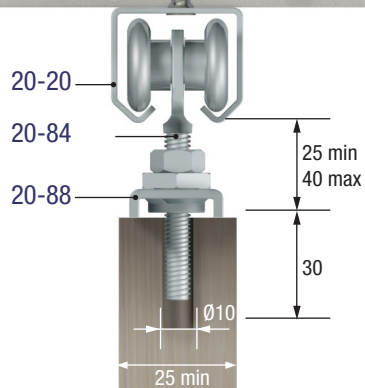


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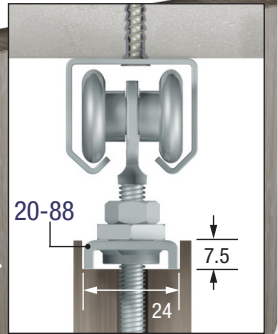
Industrial Series 20

Soffit Fixing

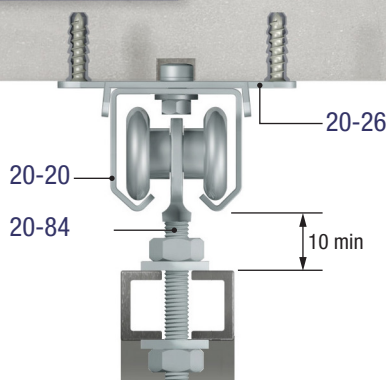


20-24

Optional method of
recessing suspension
bracket into top of door



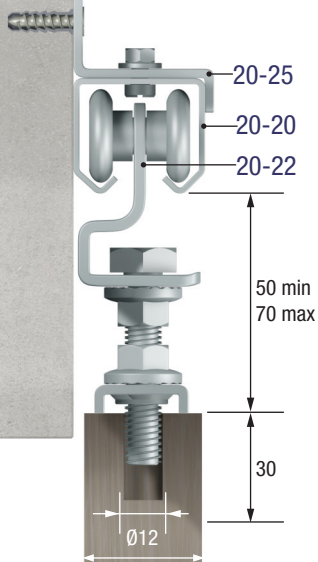
Soffit Fixing



20-24

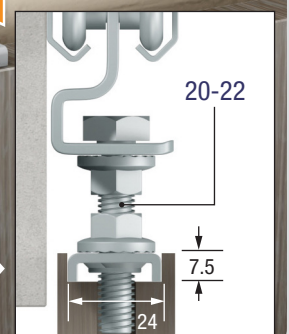
20-26

Face Fixing



20-925
20-924

Optional method of
recessing suspension
bracket into top of door



Industrial Series 20

Curtains



Cable Clamps



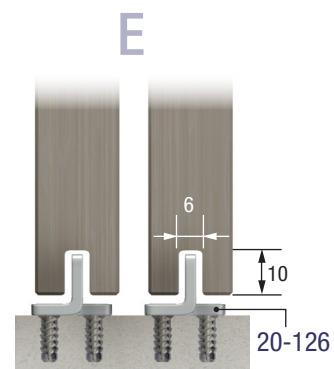
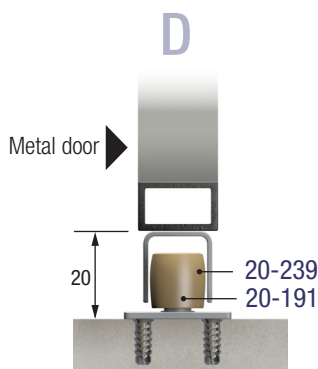
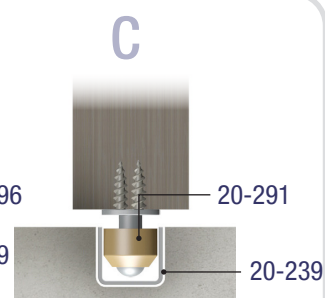
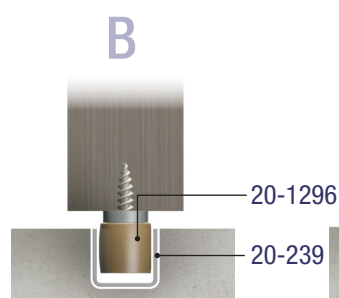
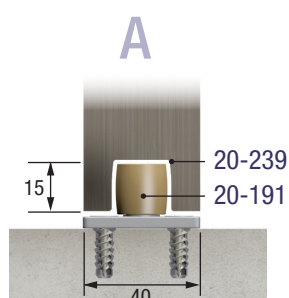
Tarpaulins



Bottom Guide Options

Typical bottom guide configurations for sliding systems (suggestions only).

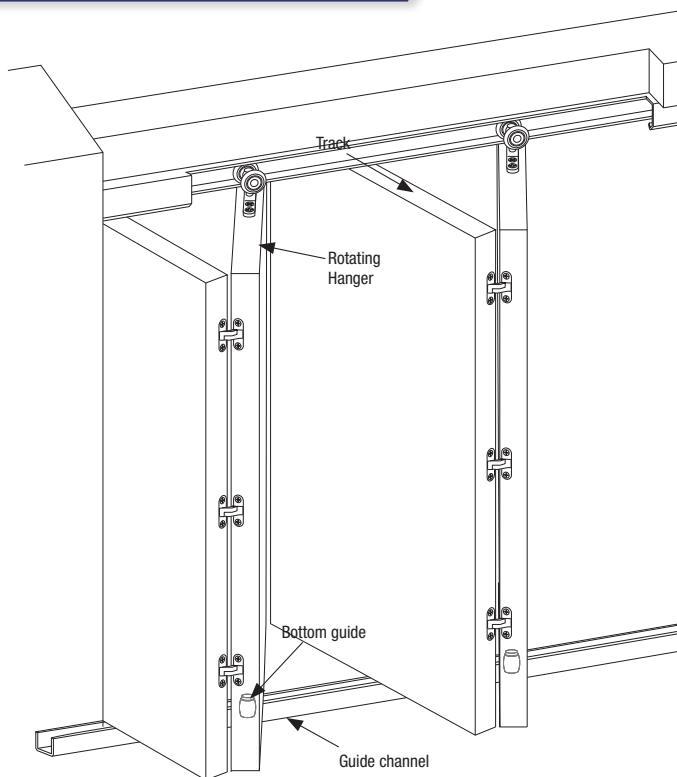
- A. Guide roller fixed to floor with under guide channel recessed into door bottom.
- B. Screw mounted guide roller fixed to door with under guide channel recessed into floor.
- C. Guide roller on narrow plate fixed to door with under guide channel recessed into floor.
- D. Guide channel fitted to door bottom with guide roller fixed to floor.
- E. Single or double door configurations are easily installed using steel guide 20-126



Industrial Series 20

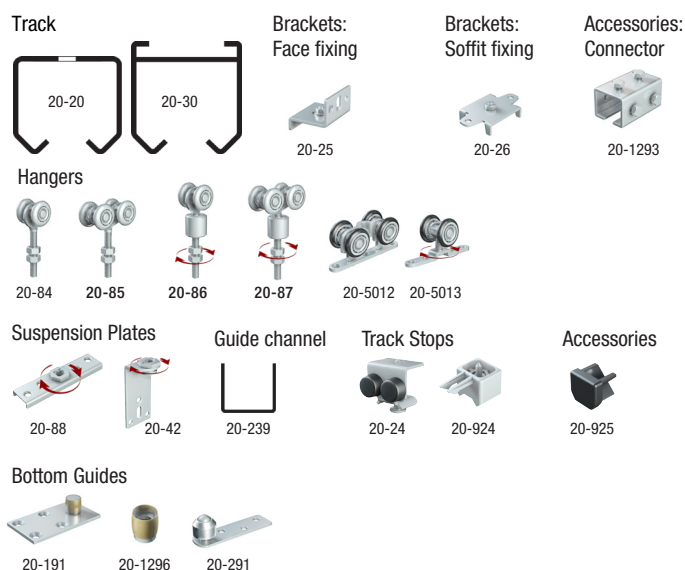
Centre folding/end folding systems for timber or metal doors

Centre Folding Systems



Series 20 centre folding systems are suitable for timber or metal doors with a maximum panel weight up to 35kg (using 2 wheel hangers), or 45kg (using 4 wheel hangers). Components suitable for use with centre folding systems are detailed below. Our Technical Team are available on 01280 822288 to help you with system configuration and hardware selection if required.

Series 20 Centre Folding door components

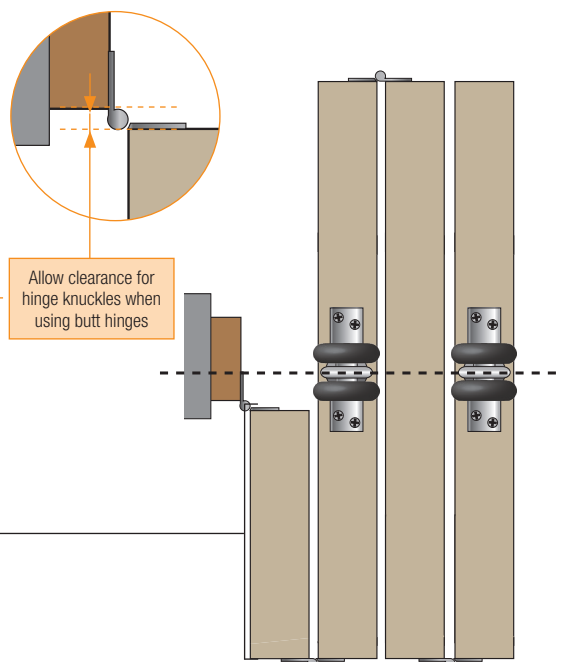
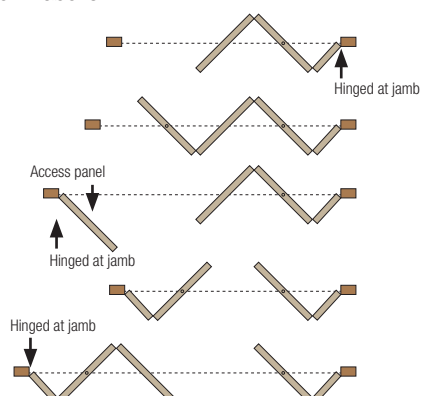


The width of the door panel which is hinged to the frame (jamb) must be reduced by half the thickness of the door plus half the width of the remaining doors, plus the diameter of the hinge knuckle when using butt hinges. The example below is for a hinge with a 10mm knuckle. Dimension will vary depending on hinge choice.

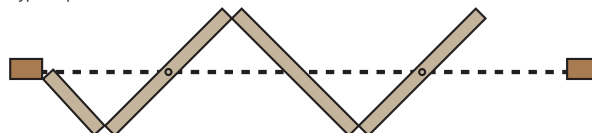
Example using 600mm wide x 30mm thick door
 $600\text{mm} \div 2 = 300\text{mm}$; $30\text{mm} \div 2 = 15\text{mm}$;
 $300\text{mm} + 15\text{mm} + 10\text{mm}$
 $= 325\text{mm}$ reduction in width.

Other typical panel centre folding configurations

All panels equal width except jamb leaf which must be reduced as shown above.



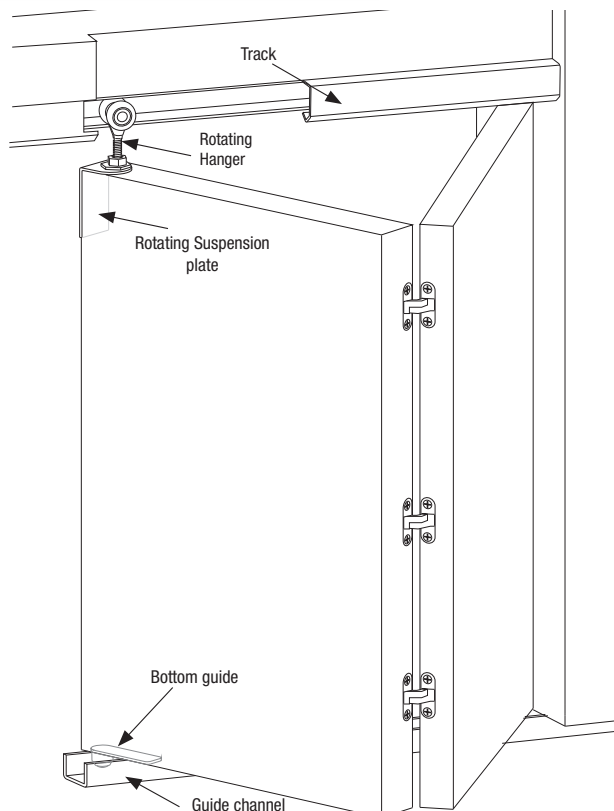
Typical plan of 3 1/2 doors



Industrial Series 20

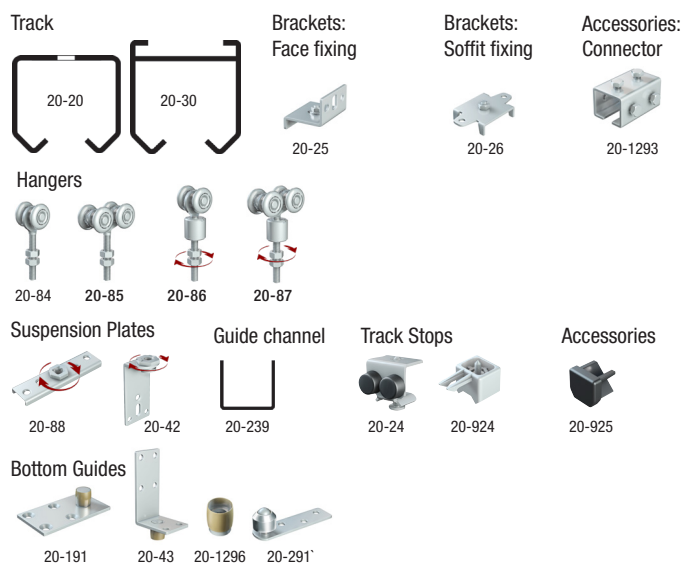
Centre folding/end folding systems for timber or metal doors

End Folding Systems



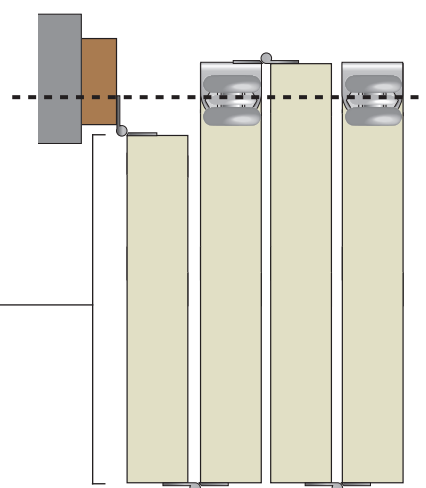
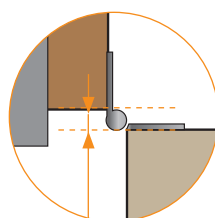
Series 20 end folding systems are suitable for timber or metal doors with a maximum panel weight up to 20kg (using 2 wheel hangers), or 35kg (using 4 wheel hangers). Components suitable for use with end folding systems are detailed below. Our Technical Team are available on 01280 822288 to help you with system configuration and hardware selection if required.

Series 20 End Folding door components



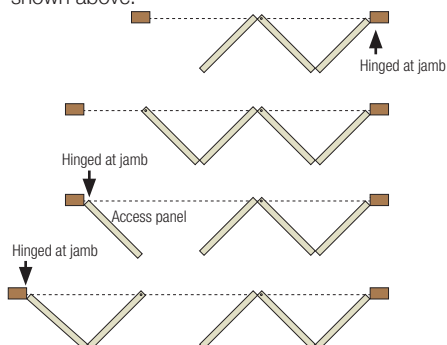
The width of the door panel which is hinged to the frame (jamb) must be reduced by half the thickness of the door plus 14mm, plus the diameter of the hinge knuckle when using butt hinges. The example below is for a hinge with a 10mm knuckle. Dimension will vary depending on hinge choice.

Example using 30mm thick door
 $30\text{mm} \div 2 = 15\text{mm}$
 $15\text{mm} + 14\text{mm} + 10\text{mm}$
 $= 39\text{mm}$ reduction in width.

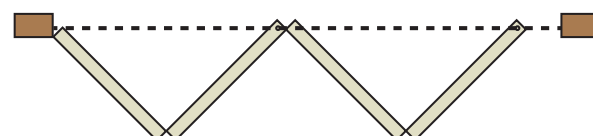


Other typical panel end folding configurations

All panels equal width except jamb leaf which must be reduced as shown above.



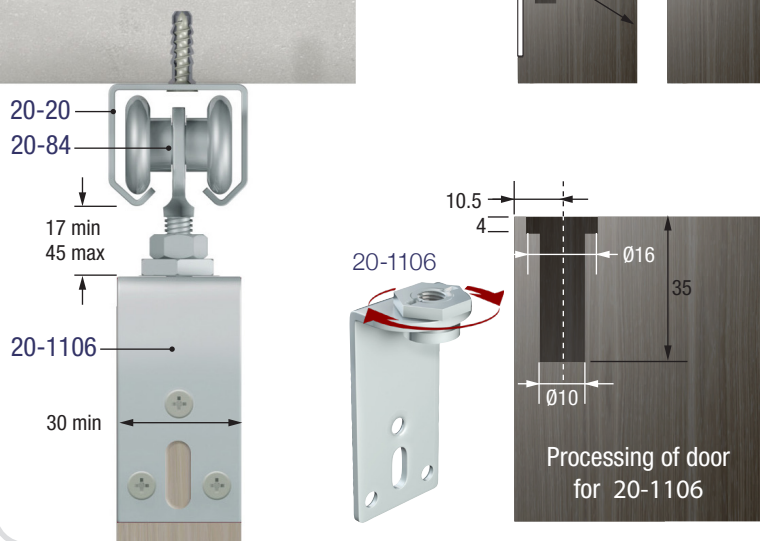
Typical plan of 3 1/2 doors



Industrial Series 20

Folding application examples

End Folding



Centre Folding



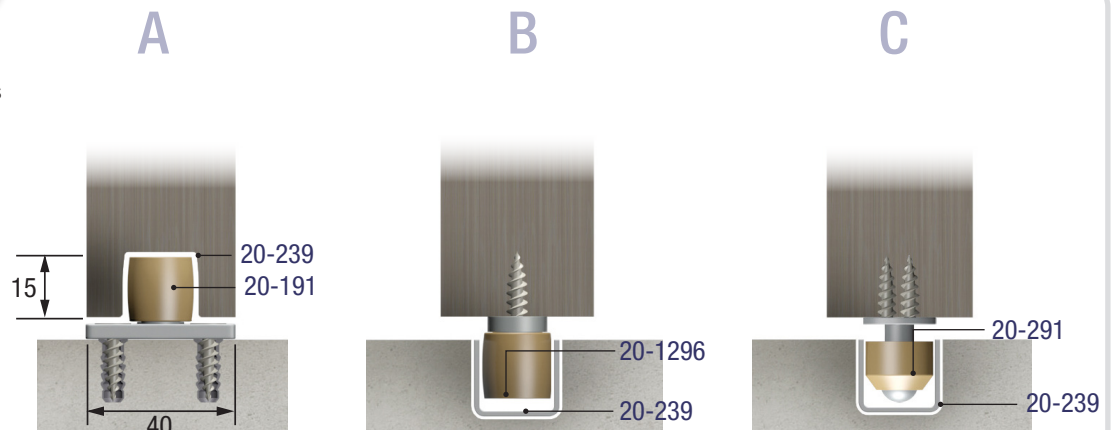
Bottom Guide Options

Typical bottom guide configurations for folding systems (suggestions only).

A. Guide roller fixed to floor with under guide channel recessed into door bottom.

B. Guide roller fixed to door with under guide channel recessed into floor.

C. For use on end folding systems in conjunction with suspension plate 20-1106 and appropriate hanger.

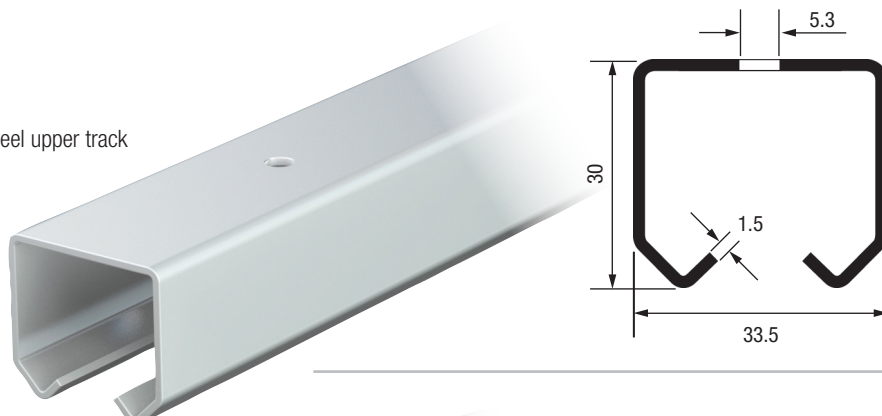


Industrial Series 20

Track & Guides

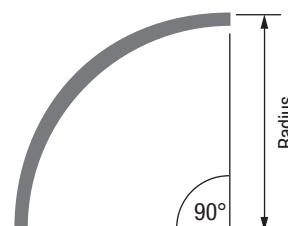
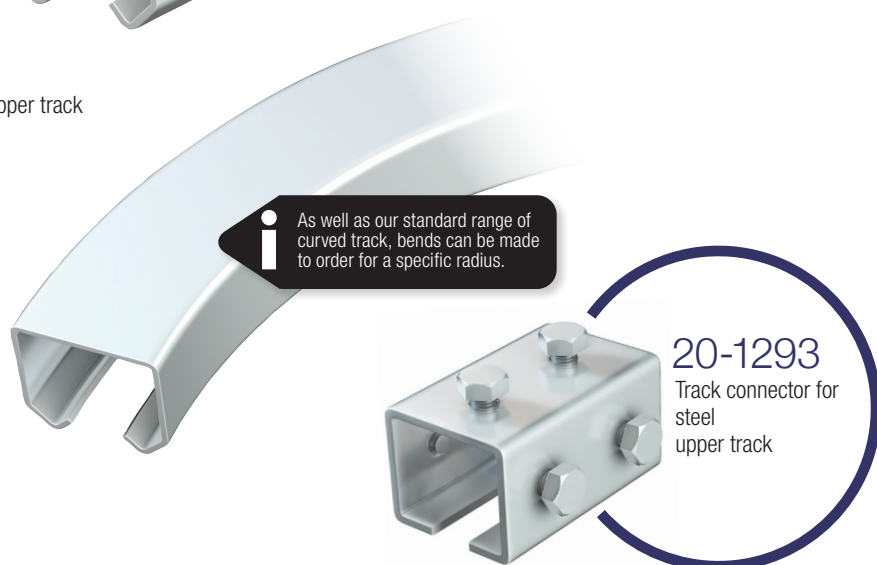
20-20

Galvanised steel upper track
(pre-drilled)



Length	Part No.
1 metre	20-20-1
2 metre	20-20-2
3 metre	20-20-3
4 metre	20-20-4
5 metre	20-20-5

90° Curved upper track (pre-drilled)



Steel Track

Radius	Part No.
1.0 metre	20-285

20-239

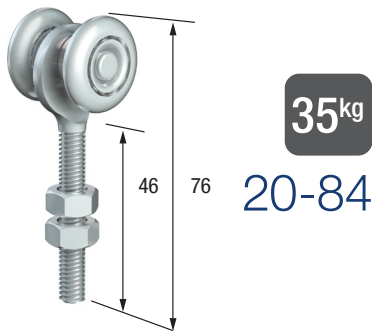
Under guide galvanised
steel channel





Length	Part No.
1 metre	20-239-1
2 metre	20-239-2
3 metre	20-239-3
4 metre	20-239-4
5 metre	20-239-5

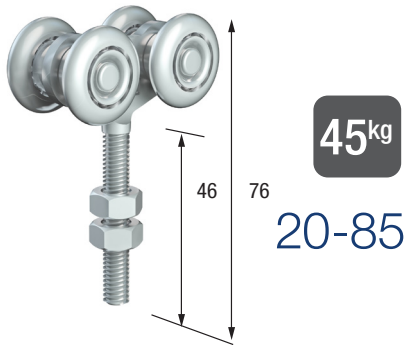
Industrial Series 20

Hangers





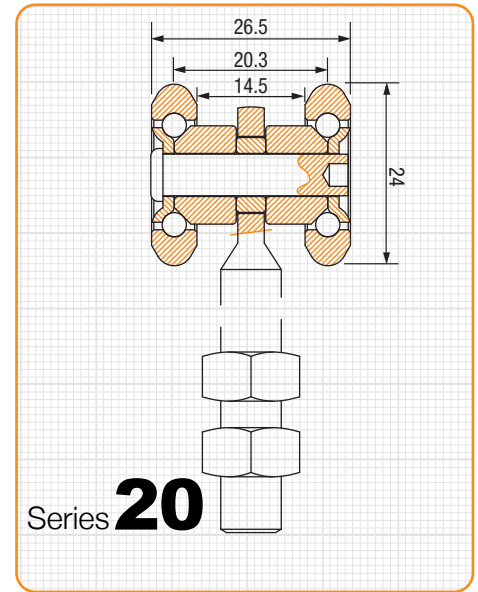
Adjustable steel hanger with M8 x 46mm pin and 24mm ball bearing wheels.

-  20-84 | 35kg capacity
24mm ball bearing steel wheels.
-  20-1284 | 25kg capacity
24mm ball bearing Delrin wheels.

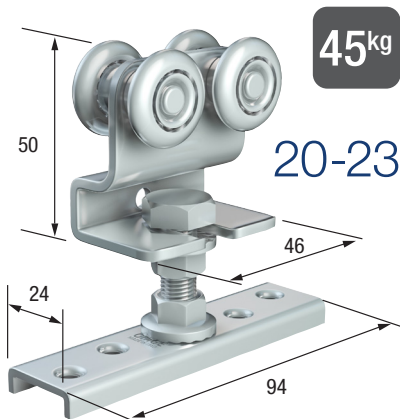


Adjustable steel hanger with M8 x 46mm pin and 24mm ball bearing wheels.


-  20-85 | 45kg capacity
24mm ball bearing steel wheels.
-  20-1285 | 35kg capacity
24mm ball bearing Delrin wheels.

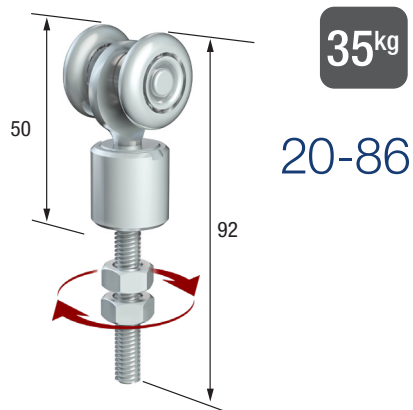


Series **20**





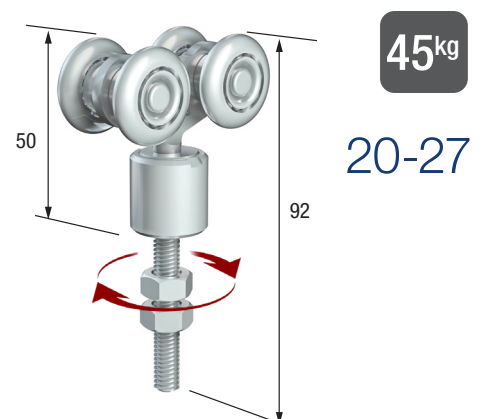
Adjustable steel hanger with M10 x 40mm pin and 24mm ball bearing steel wheels. Minimum door thickness 25mm.

-  20-23 | 45kg capacity
24mm ball bearing steel wheels.



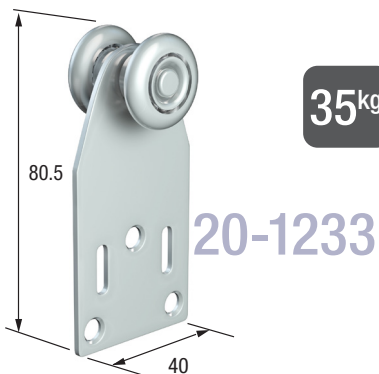
Adjustable steel hanger with M8 x 46mm rotating pin and 24mm ball bearing wheels.

-  20-86 | 35kg capacity
24mm ball bearing steel wheels.
-  20-1286 | 25kg capacity
24mm ball bearing Delrin wheels.




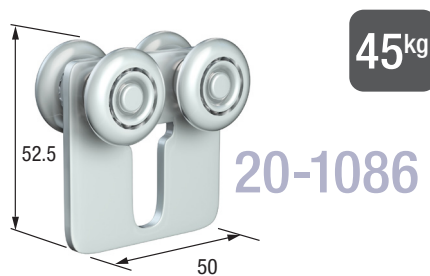
Adjustable steel hanger with M8 x 46mm rotating pin and 24mm ball bearing wheels.

-  20-87 | 45kg capacity
24mm ball bearing steel wheels.
-  20-1287 | 35kg capacity
24mm ball bearing Delrin wheels.



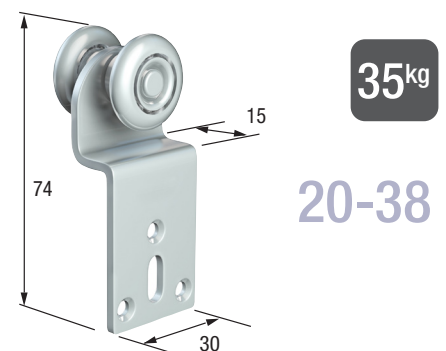
Steel hanger with 24mm ball bearing wheels.

-  20-1233 | 35kg capacity
24mm ball bearing steel wheels.




Steel hanger with 24mm ball bearing wheels.

-  20-1086 | 45kg capacity
24mm ball bearing steel wheels.



Steel hanger with 24mm ball bearing wheels.

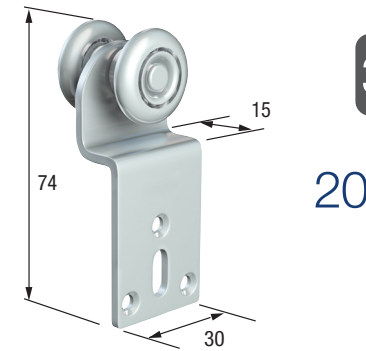
-  20-38 | 35kg capacity
24mm ball bearing steel wheels.

Contact our knowledgeable and friendly staff will be more than happy to talk you through any technical or specification questions you may have

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Industrial Series 20

Hangers



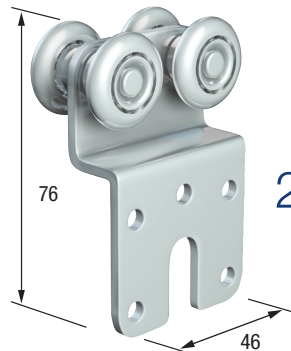
35kg

20-38

Steel hanger with 24mm ball bearing wheels.



20-38 | 35kg capacity
24mm ball bearing steel wheels.



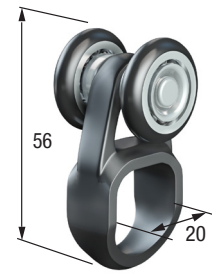
45kg

20-1109

Steel hanger with 24mm ball bearing wheels.



20-1109 | 45kg capacity
24mm ball bearing steel wheels.



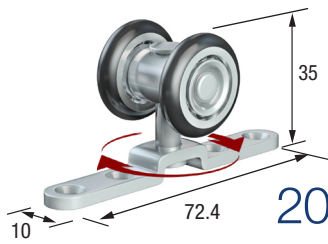
25kg

20-901

Nylon hanger with 24mm ball bearing wheels.



20-901 | 25kg capacity
24mm ball bearing steel/nylon wheels.



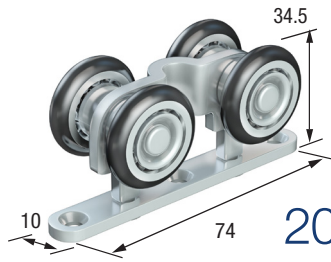
30kg

20-5013

Steel hanger with rotating pin and 24mm ball bearing wheels.



20-5013 | 30kg capacity
24mm ball bearing steel/nylon wheels.



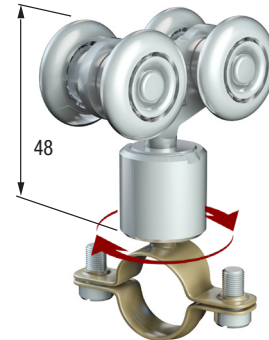
35kg

20-5012

Steel hanger with 24mm ball bearing wheels.



20-5012 | 35kg capacity
24mm ball bearing steel/nylon wheels.



25kg

20-1224

Steel hanger with rotating cable clamp and 24mm ball bearing wheels.



20-1224-32 | 25kg capacity
24mm ball bearing steel wheels
32mm cable clamp.

Clamp sizes:
16mm
26mm
32mm

Wheel Types



24mm ball bearing wheels with hardened steel tyre and stainless steel bearings.



24mm ball bearing wheels with Delrin tyre and stainless steel bearings.



24mm ball bearing wheels with nylon coated steel tyre and stainless steel bearings.

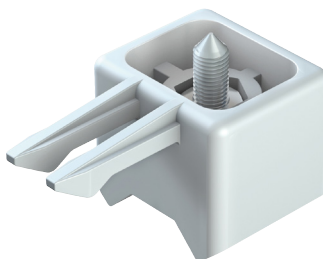
Please note that available tyre options are shown below each hanger as only certain hangers are available with rubber or Delrin tyres.

Accessories



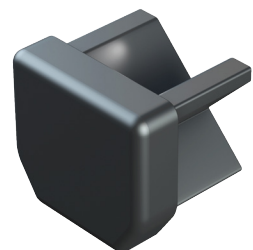
20-24

Metal stop for the upper track.



20-924

Hook stop for the upper track.
Holds door in closed position.



20-925

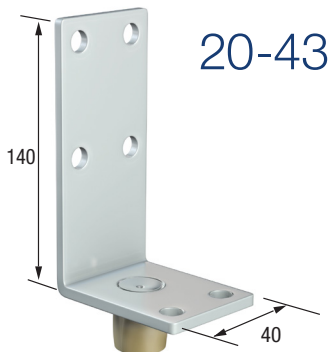
End cap for the upper track.

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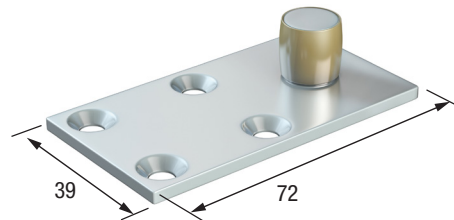
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Industrial Series 20

Bottom Guides/ Bracket and Plates



20-43 Steel side guide roller with rotating brass pin 14mm diameter. Minimum door thickness 30 mm.



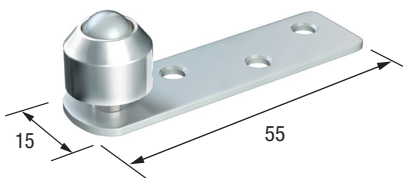
20-191 Steel guide roller with rotating brass pin 14mm diameter.

20-1296



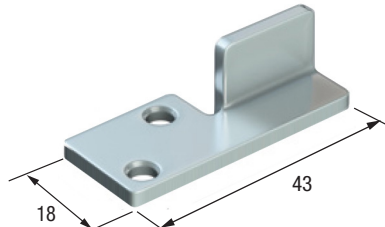
20-1296 Steel guide roller with rotating brass pin 14mm diameter.

20-291



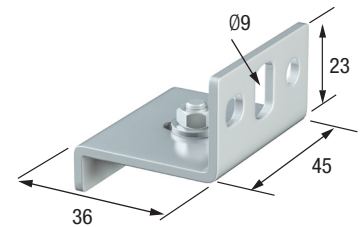
20-291 Steel guide roller with rotating steel pin 14mm diameter.

20-126



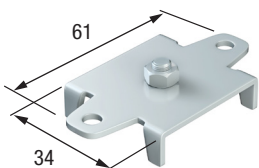
20-126 Floor fixing steel guide.

20-25



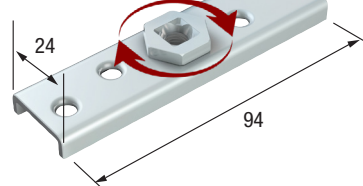
20-25 Face fixing steel bracket for the steel upper track.

20-26



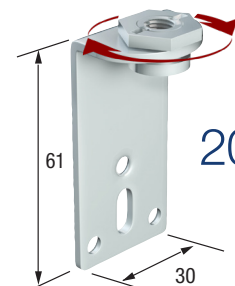
20-26 Ceiling fixing steel bracket for the steel upper track.

20-88



20-88 Steel rotating suspension plate for M8 pin. Min. door thickness 25mm. For use with: 20-85; 20-86; 20-87

20-1106



20-1106 Steel rotating suspension plate for M8 pin. Min. door thickness 30mm. For use with: 220-84; 20-85; 20-86; 20-87