



Series 50

Sliding/Bi-folding system



Suitable for panels
up to 220kg.
Maximum panel weight
capacity is 440kg.



Featuring high
quality
components



Full technical
support



Easy
to fit



Smooth
movement



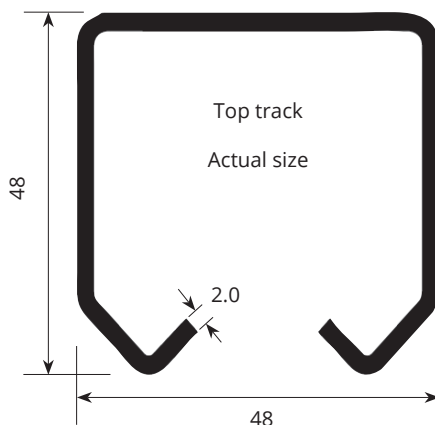
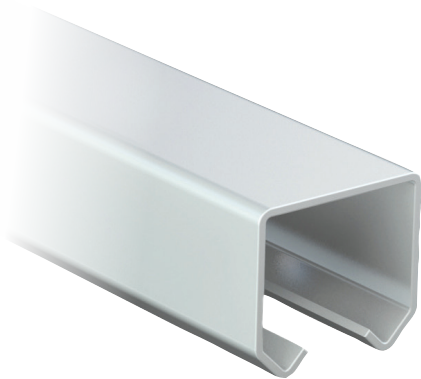
An exceptional
range of
applications
available

The Series 50 has been designed for commercial applications such as warehousing, agricultural buildings, stables etc.

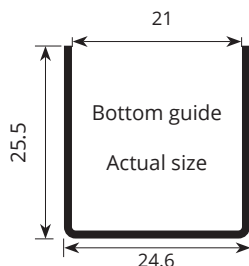
The comprehensive range of hangers and components allows Series 50 to be used for many applications including overhead runway systems, partitions, sliding curtains and stabling blocks. Series 50 maximum panel weight capacity is 440kg*

*capacity based on 2 x 220kg hangers per panel.

Series 50 Track components

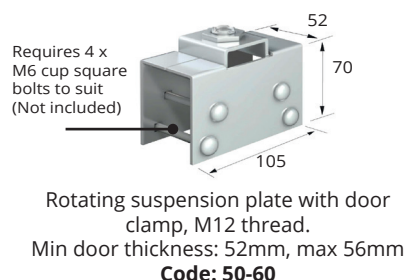
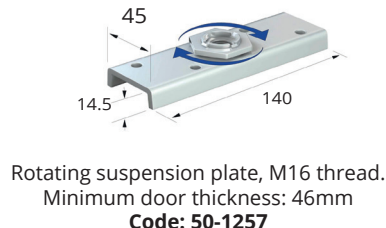
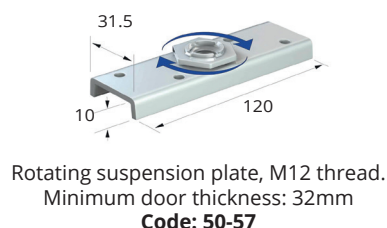
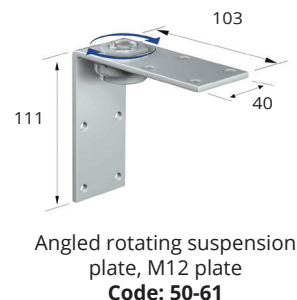
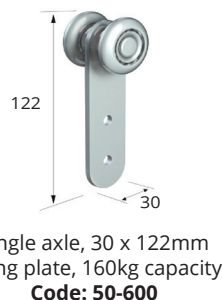
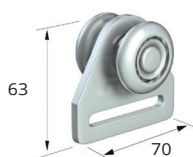
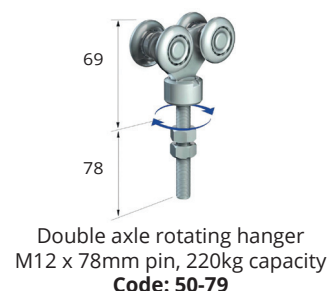
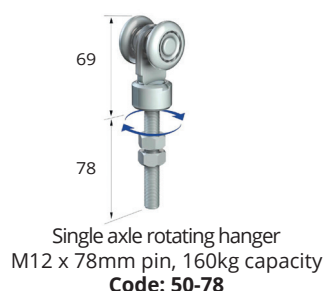
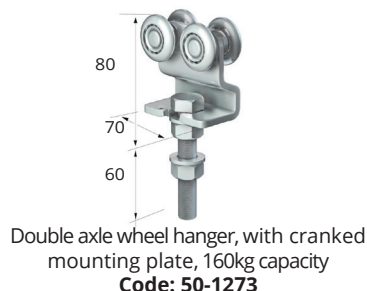
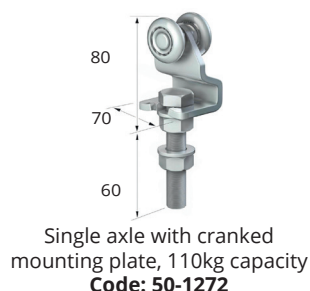
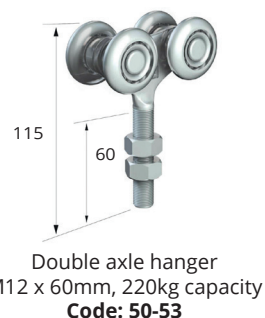
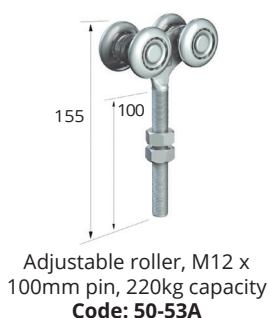
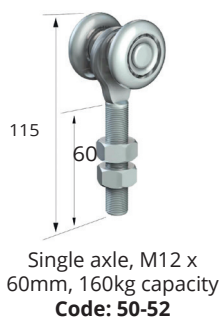
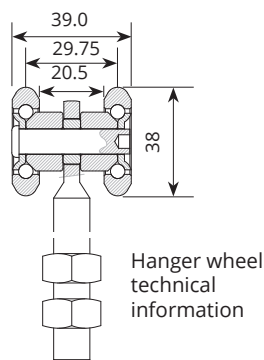


Description	Code
1m Top track	50-50-1
2m Top track	50-50-2
3m Top track	50-50-3
4m Top track	50-50-4
5m Top track	50-50-5

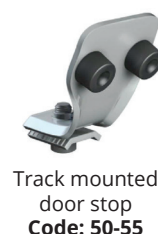
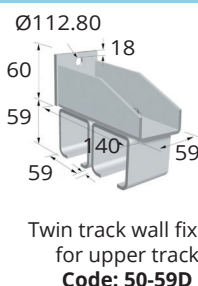
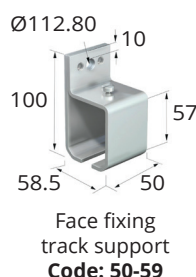
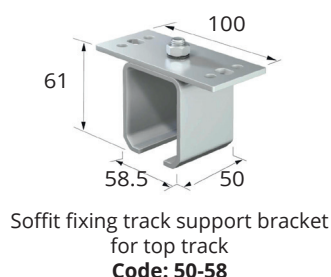


Description	Code
1m Bottom guide	50-74-1
2m Bottom guide	50-74-2
3m Bottom guide	50-74-3
4m Bottom guide	50-74-4
5m Bottom guide	50-74-5

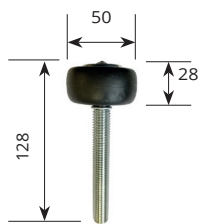
Series 50 Hangers & rollers



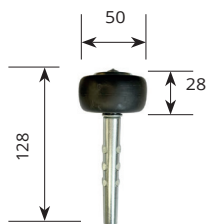
Series 50 Brackets and connectors



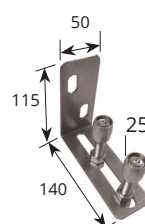
Series 50 Bottom guides



50mm DIA Wheel on M14 shaft c/w 2x M14 nuts
Code: 250-1272



50mm DIA Wheel on rag bolt shaft
Code: 250-1273



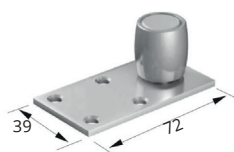
Wall mounted double guide, for up to 90mm thick doors
Code: 250-270



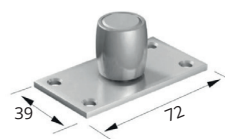
Use Polyester resin to support your anchor studs and bolts into hollow walls, masonry and concrete floors
Code: AFJ350



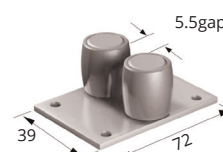
20mm DIA brass guide roller
Code: 50-1297



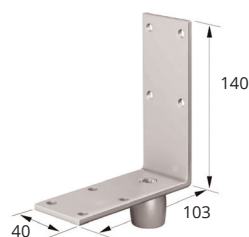
20mm DIA offset on flat plate
Code: 50-62



20mm DIA roller on flat steel plate
Code: 50-63



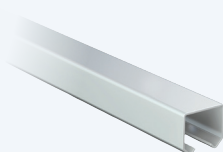
20mm DIA double roller on flat steel plate
Code: 50-76



20mm DIA Brass roller on angled steel plate
Code: 50-65

Series 50 Kits (Max door weight 440kg)

6 Metre single door Kit components - **Code: 50-SDK6**



2 x 3M Track



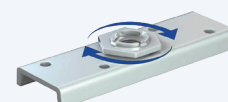
2 x Door stops



7 x Face fixing brackets



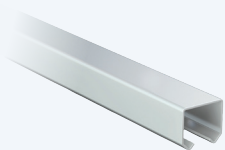
2 x Hangers



2 x Suspension plates

Series 50 Kits (Max door weight 440kg)

6 Metre double door Kit components - Code: 50-DDK6



2 x 3M Track



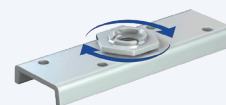
4 x Door stops



7 x Face fixing brackets

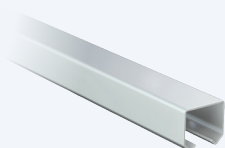


4 x Hangers



4 x Suspension plates

5 Metre single door Kit components - Code: 50-SDK5



1 x 4M Track &
1 x 1M Track



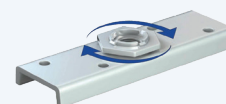
2 x Door stops



6 x Face fixing brackets

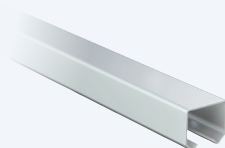


2 x Hangers



2 x Suspension plates

5 Metre double door Kit components - Code: 50-DDK5



1 x 4M Track &
1 x 1M Track



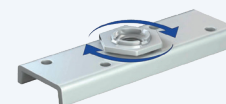
4 x Door stops



6 x Face fixing brackets

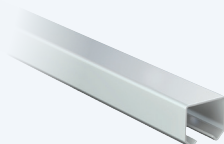


4 x Hangers



4 x Suspension plates

4 Metre single door Kit components - Code: 50-SDK4



1 x 4M Track



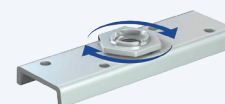
2 x Door stops



5 x Face fixing brackets



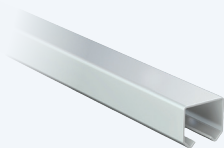
2 x Hangers



2 x Suspension plates

Series 50 Kits (Max Door Weight 440kg)

4 Metre double door Kit components - Code: 50-DDK4



1 x 4M Track



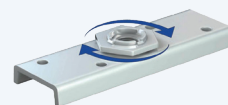
4 x Door stops



5 x Face fixing brackets

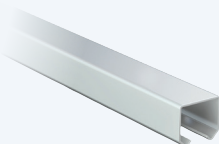


4 x Hangers



4 x Suspension plates

3 Metre single door Kit components - Code: 50-SDK3



1 x 3M Track



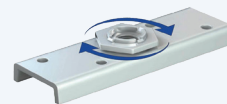
2 x Door stops



4 x Face fixing brackets

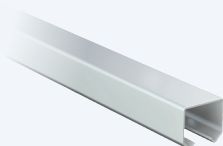


2 x Hangers



2 x Suspension plates

2 Metre single door Kit components - Code: 50-SD2



1 x 2M Track



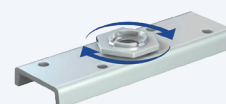
2 x Door stops



3 x Face fixing brackets



2 x Hangers



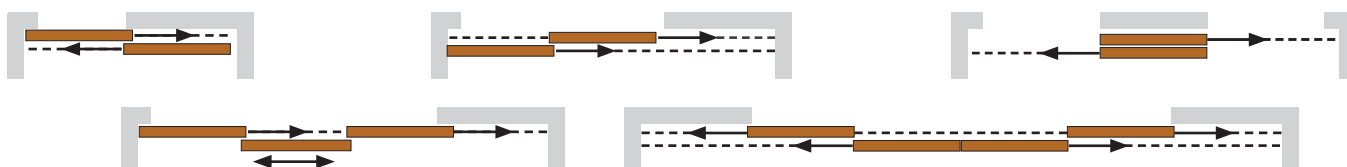
2 x Suspension plates

Typical panel configurations

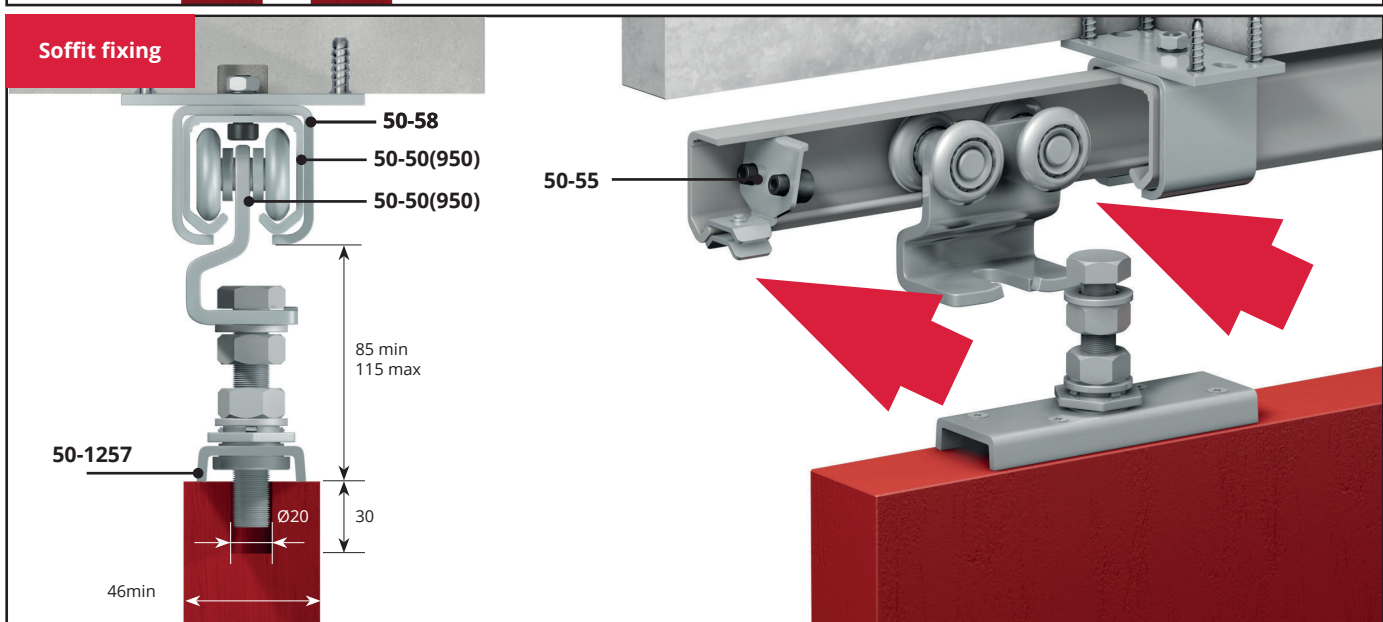
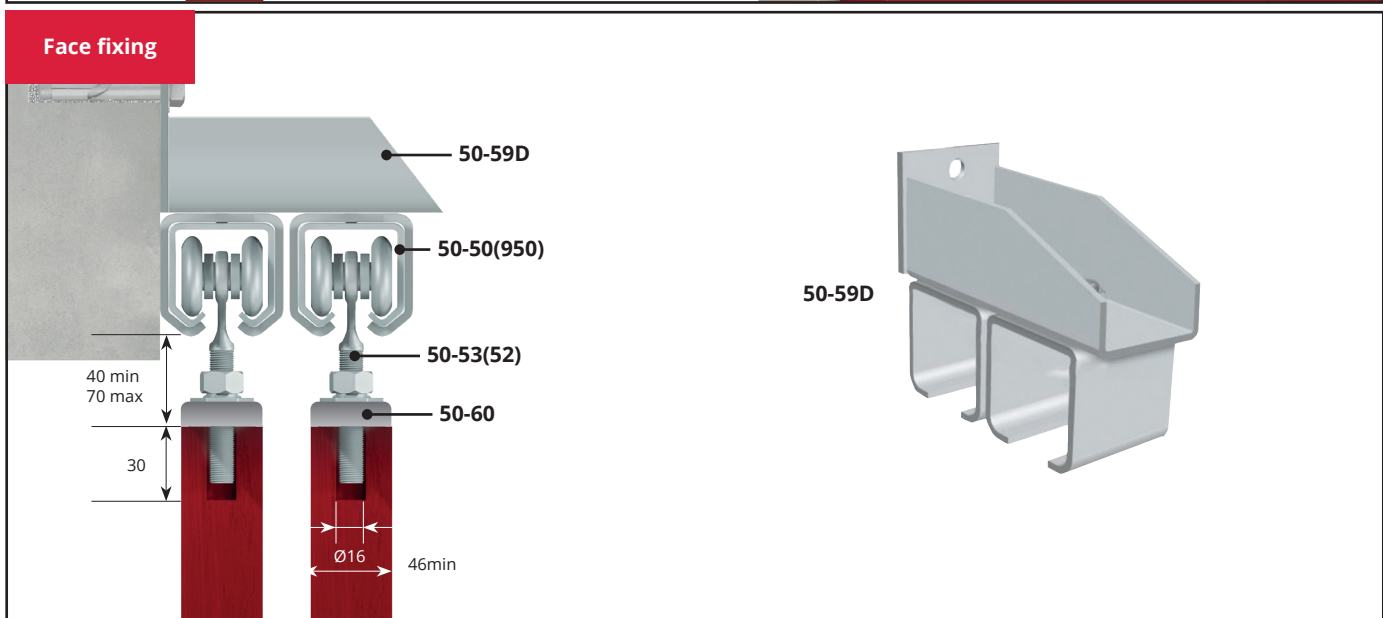
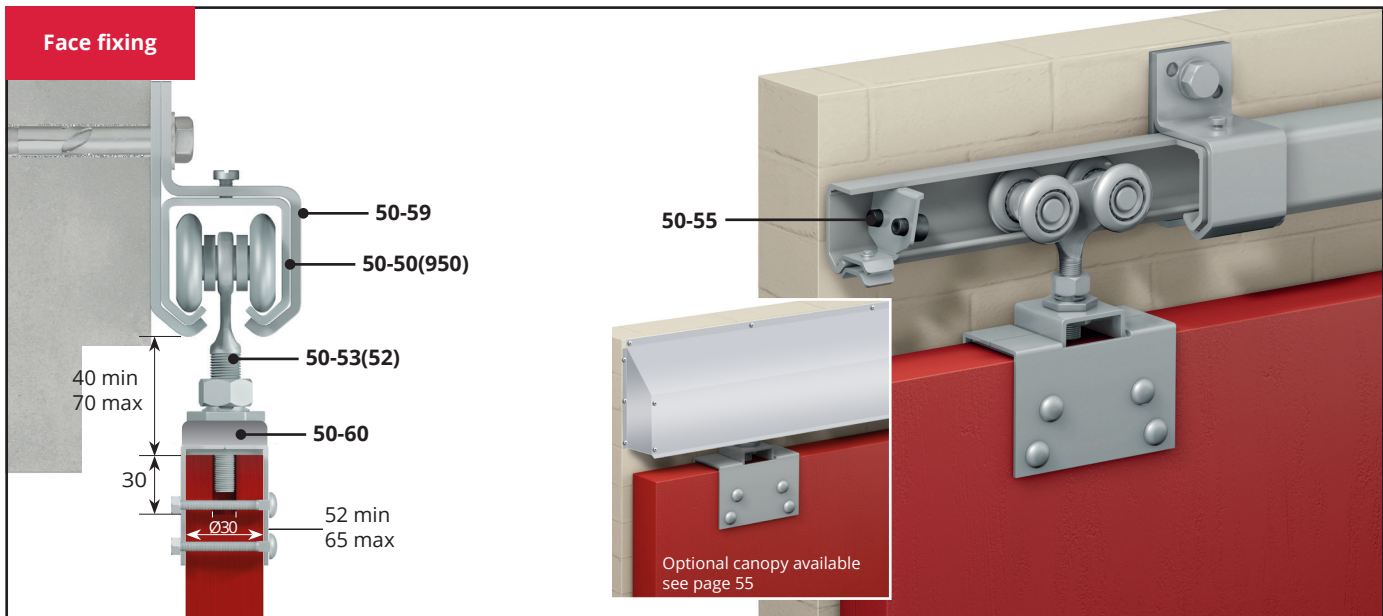
Single track run



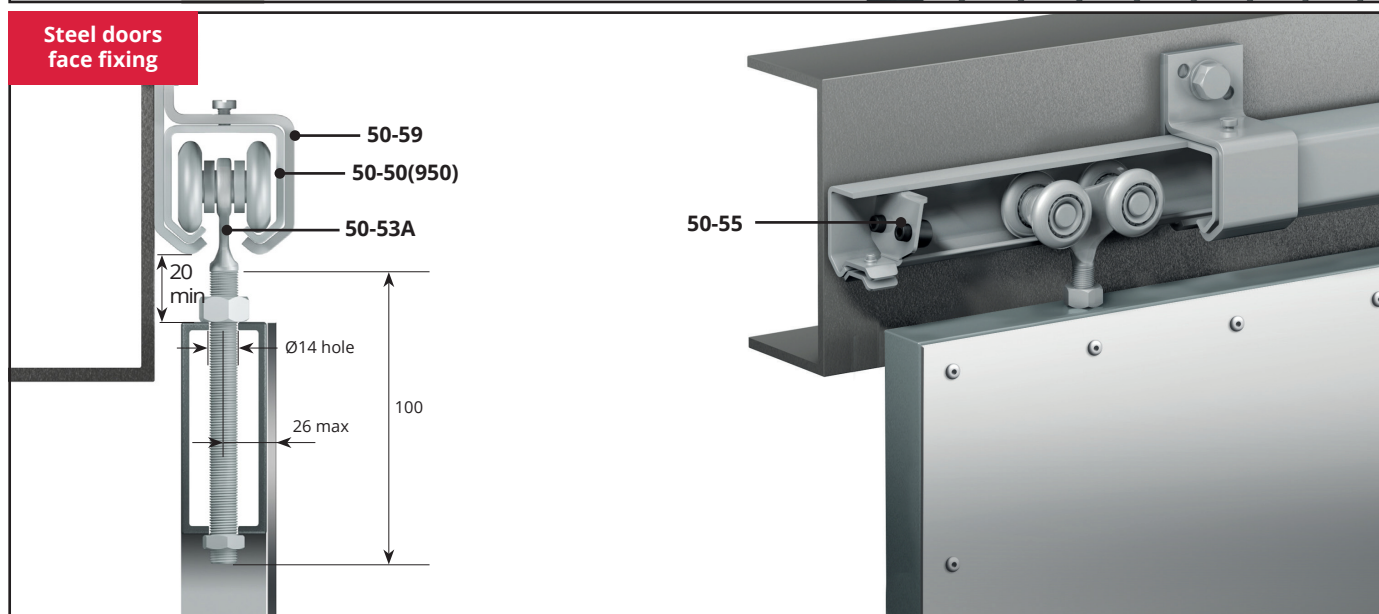
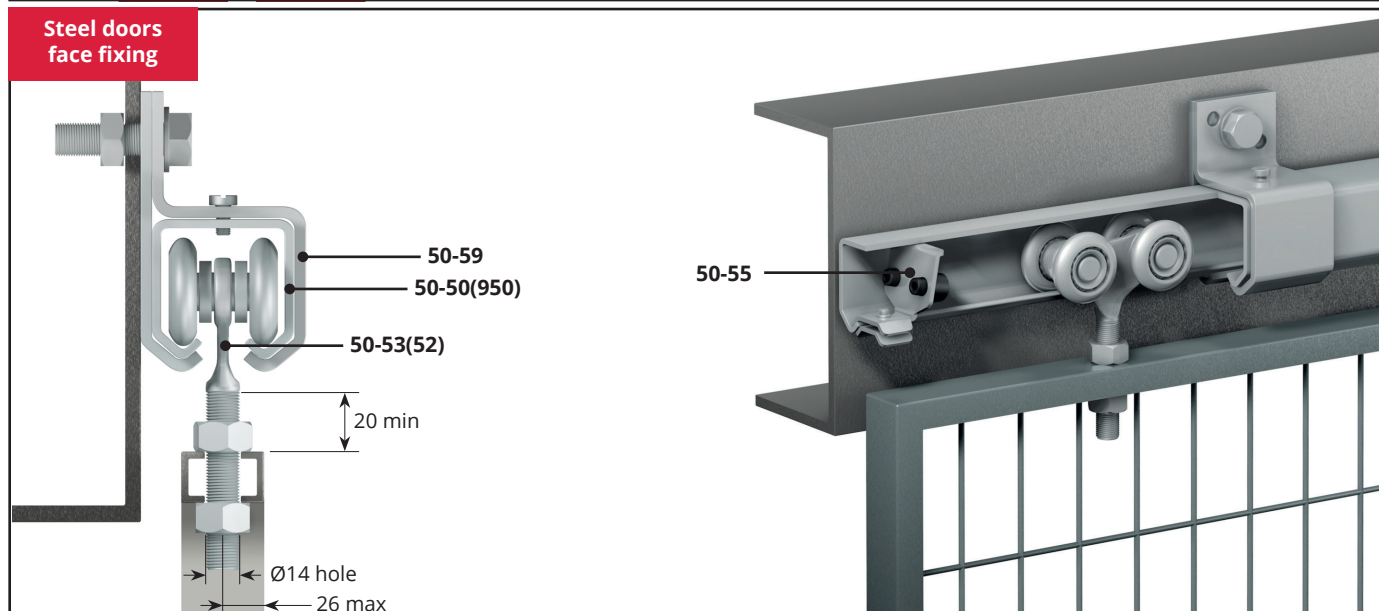
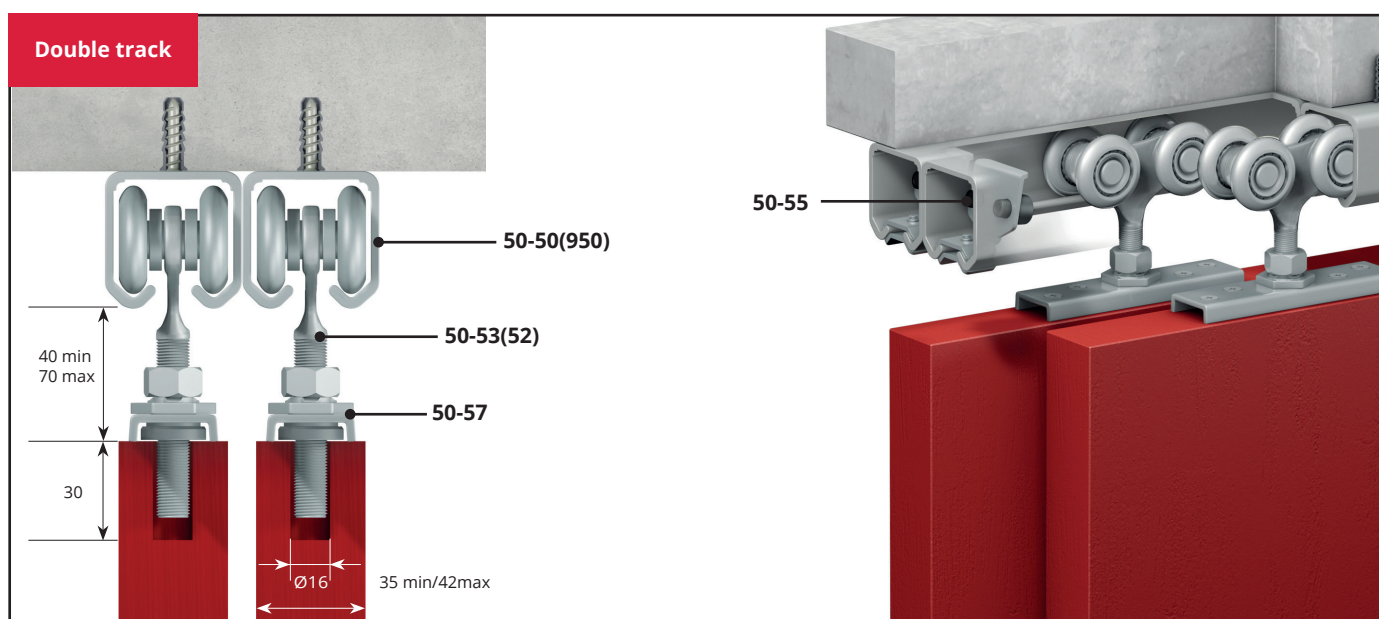
Double track run



Series 50 Straight sliding applications



Series 50 Straight sliding application examples



Series 50 Bottom guide options

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

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

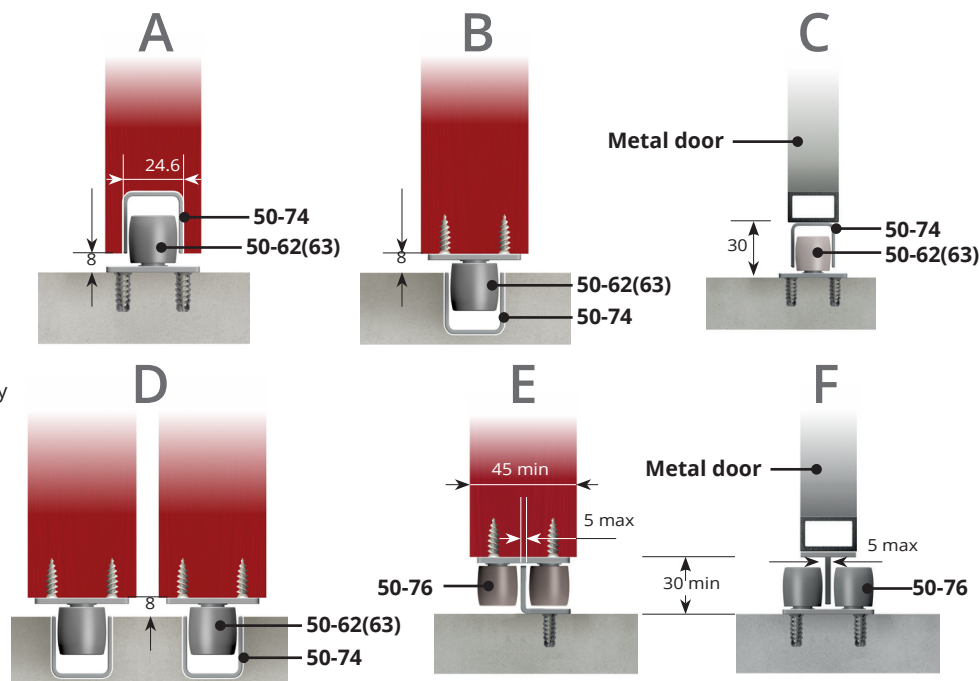
B. Screw mounted guide roller fixed to door with under guide channel recessed into floor.

C. Guide channel fitted to door bottom with guide roller to floor.

D. Double door configurations are easily installed using double runs of under guide channel **50-76** and suitable guides.

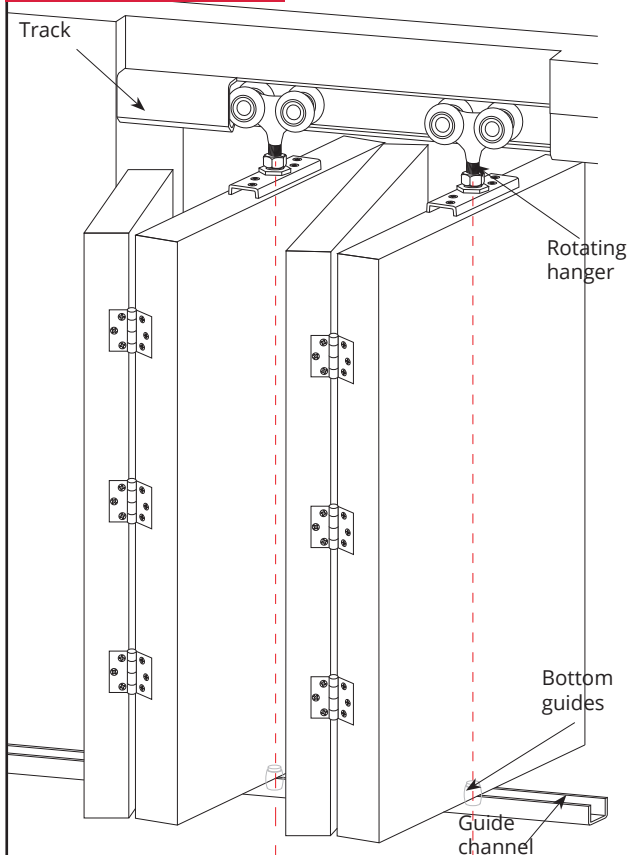
E. Bottom guide **50-76** used with angle steel, which can also act as a weather strip.

F. T-section metal bar fitted to door underside and used with bottom guide **50-76**.



Centre folding/End folding system technical

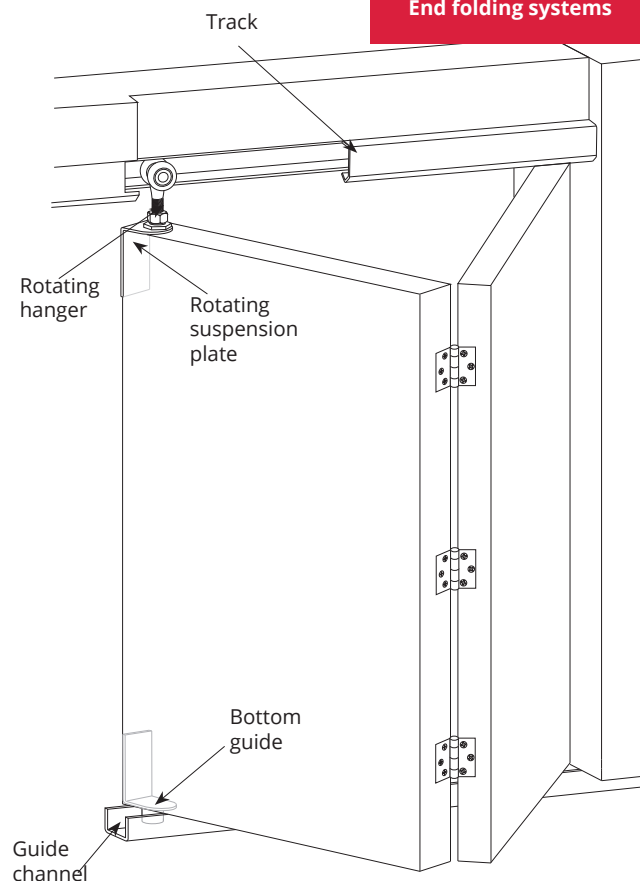
Centre folding systems



Series 50 centre folding systems are suitable for timber or metal doors with a maximum panel weight up to 440kg when using two 220kg 4 wheel hangers per door. Capacity will be reduced accordingly if using lower capacity hangers from the Series 50 range.

See Pages 11 - 13 for components

End folding systems



Series 50 end folding systems are suitable for timber or metal doors with a maximum panel weight up to 440kg when using two 220kg 4 wheel hangers per door. Capacity will be reduced accordingly if using lower capacity hangers from the Series 50 range.

See Pages 11 - 13 for components

Series 50 Centre folding/End folding system technical

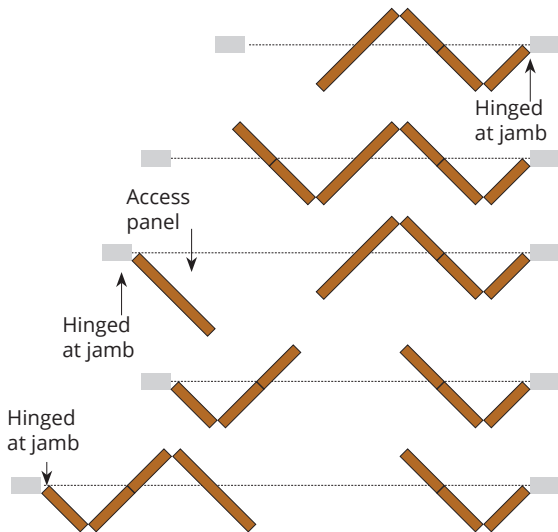
NOTE: The width of the door panel which is hinged to the frame (jamb) must be reduced by half the thickness of the door plus half the width of the remaining doors, plus the diameter of the hinge knuckle when using butt hinges. The example below is for a hinge with a 14mm knuckle. Dimension will vary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

Example using 1000mm wide x 60mm thick door.
 $1000\text{mm} \div 2 = 500\text{mm}$; $60\text{mm} \div 2 = 30\text{mm}$;
 $500\text{mm} + 30\text{mm} + 14\text{mm}$

= 544mm reduction in width.

Other typical panel centre folding configurations

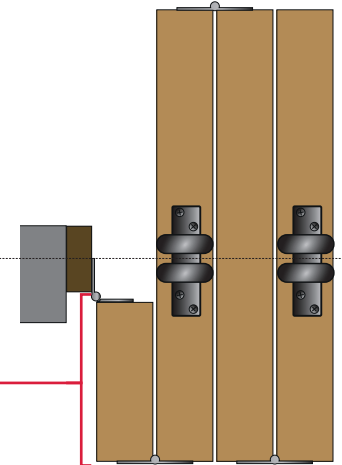
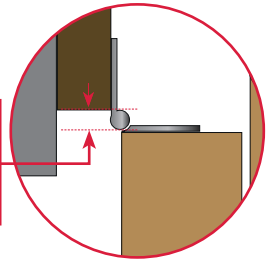
All panels equal width except jamb leaf which must be reduced as shown above.



Typical plan of 3 1/2 doors

Centre folding systems

Allow clearance for hinge knuckles when using butt hinges.



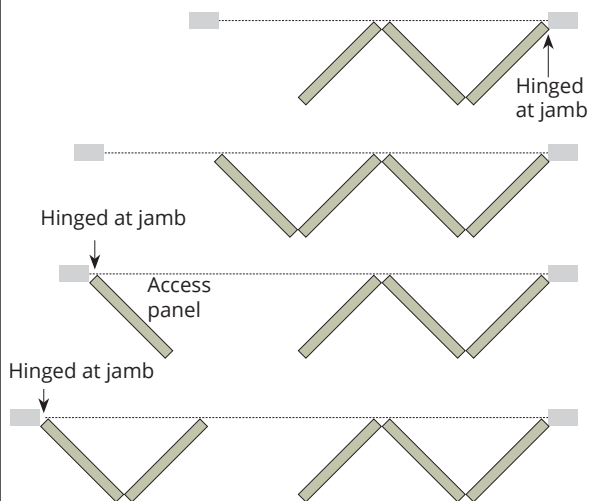
NOTE: The width of the door panel which is hinged to the frame (jamb) must be reduced by half the thickness of the door plus 23mm, plus the diameter of the hinge knuckle when using butt hinges.

The example below is for a hinge with a 14mm knuckle.
 Dimension will vary depending on hinge choice.
 Example using 60mm thick door.
 $60\text{mm} \div 2 = 30\text{mm}$
 $30\text{mm} + 23\text{mm} + 14\text{mm}$

= 67mm reduction in width

Other typical panel centre folding configurations

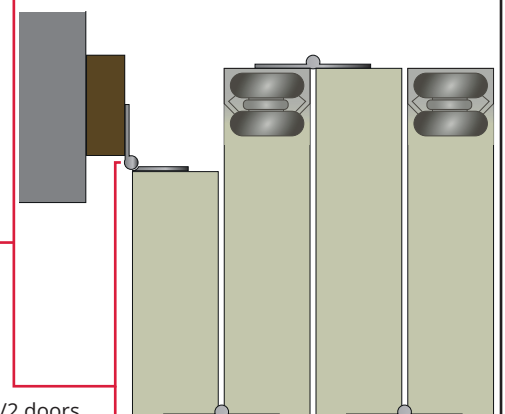
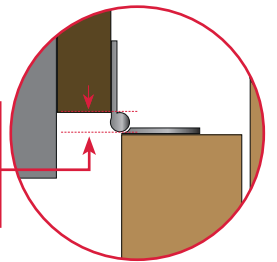
All panels equal width except jamb leaf which must be reduced as shown above.



No clearance necessary when using invisible hinges.

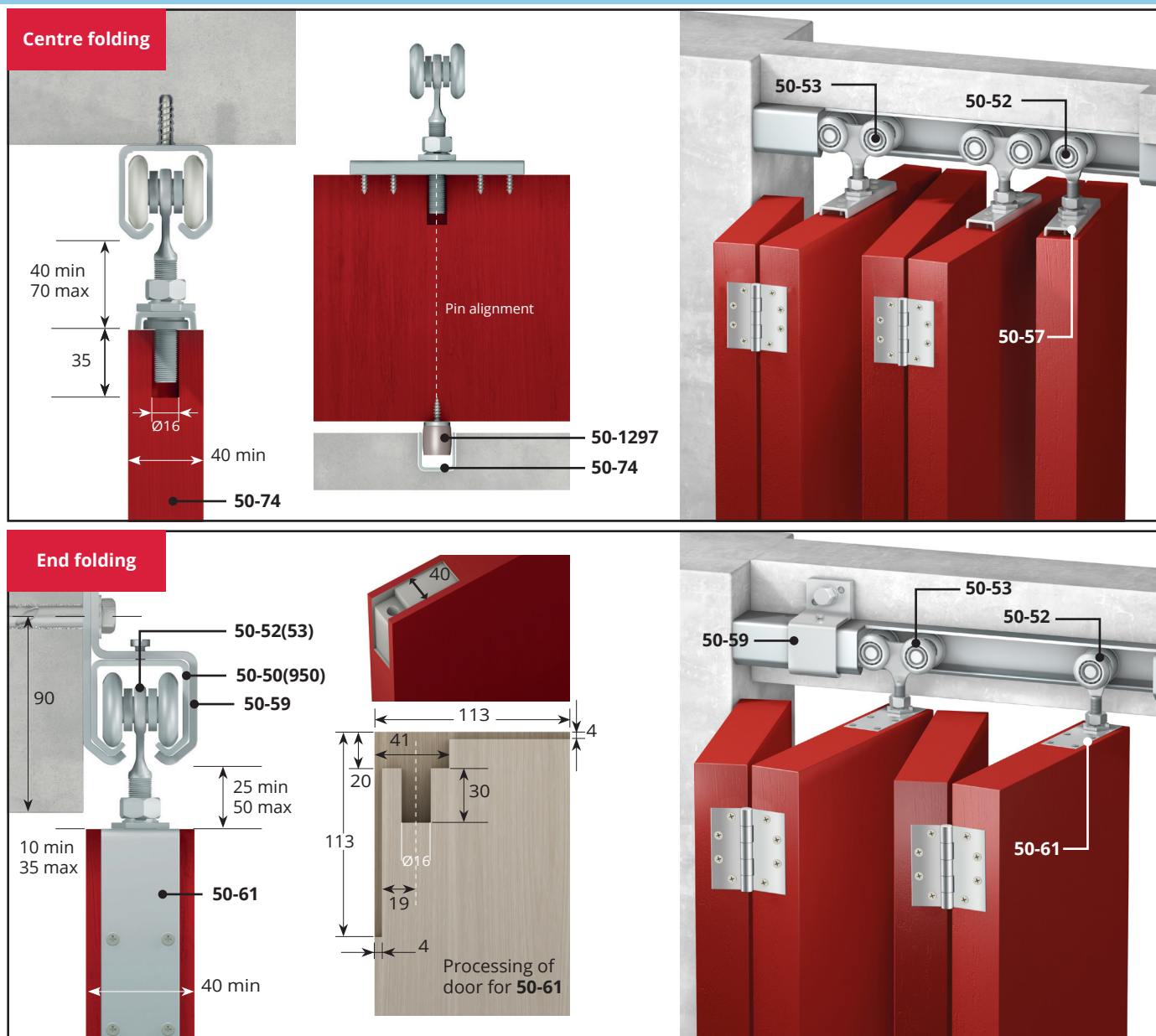
End folding systems

Allow clearance for hinge knuckles when using butt hinges.



Typical plan of 3 1/2 doors

Series 50 Centre folding/End folding system technical



Bottom guide options

Typical bottom guide configurations for folding systems (suggestion 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. When using suspension plate **50-61** it is recommended to also use bottom guide **50-65**
- D. Guide roller fixed to floor with under guide channel fitted to door bottom (metal door)

