# Series 250

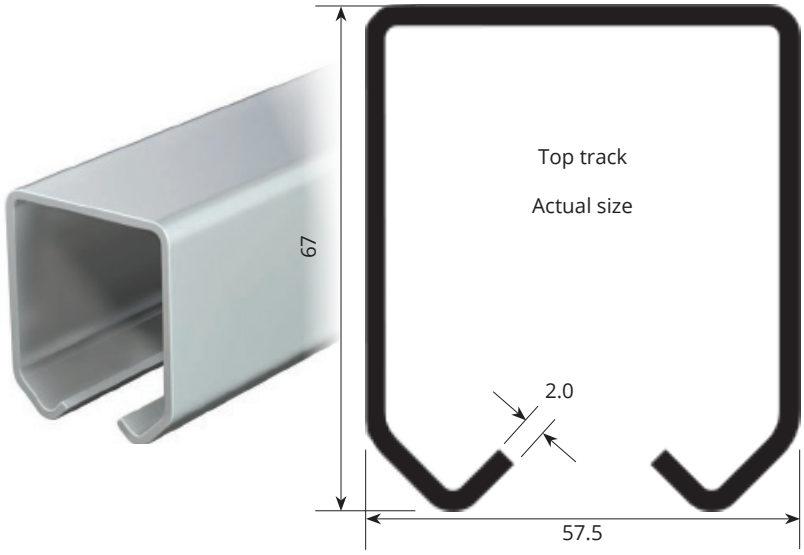
## Straight/Bi-folding Sliding Sliding System

The heavy duty 250 Series Industrial Sliding Door Gear is used for commercial and agricultural applications such as external sliding doors on warehousing, stables and garages.

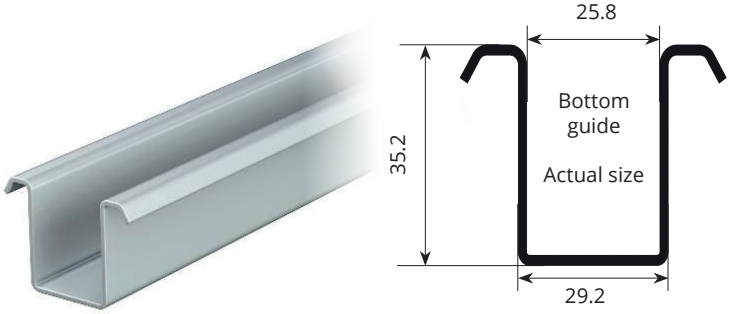
The galvanised sliding door track range can be used for straight sliding and bi-folding configurations and is straightforward to assemble. Due to its large range of components, the 250 Series sliding door hardware can support doors weighing up to 1000kg.

- Suitable for panels up to 1000kg. *capacity based on 2 x 500kg hangers per panel
- Featuring high quality components
- Full technical support
- Easy to fit
- Smooth movement
- Perfect for large industrial panels

# Series 250 Track components




| Description | Code |
|---|---|
| 1m Top track | 250-250-1 |
| 2m Top track | 250-250-2 |
| 3m Top track | 250-250-3 |
| 4m Top track | 250-250-4 |
| 5m Top track | 250-250-5 |




25.8

| Description | Code |
|---|---|
| 1m Bottom guide | 250-81-1 |
| 2m Bottom guide | 250-81-2 |
| 3m Bottom guide | 250-81-3 |
| 4m Bottom guide | 250-81-4 |
| 5m Bottom guide | 250-81-5 |

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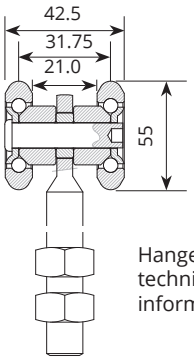
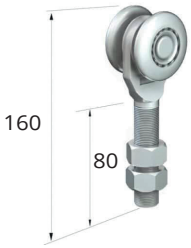
# Series 250 Hangers & rollers/Plates



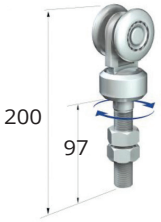

Hanger wheel technical information



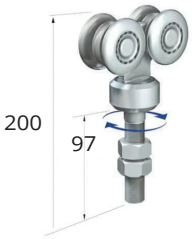

Single axle hanger, long
M20 x 80mm Pin, 220kg capacity
**Code: 250-252**


Double axle hanger, long
M20 x 80mm pin, 500kg capacity
**Code: 250-253**

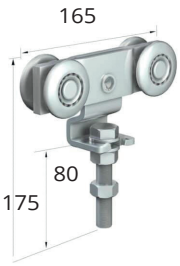

Double axle hanger, long
M16 x 160mm pin,
400kg capacity
**Code: 250-253B**



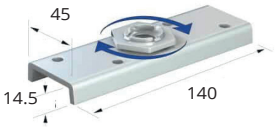

Single axle hanger, rotating
M20 x 97mm pin,
220kg capacity
**Code: 250-262**



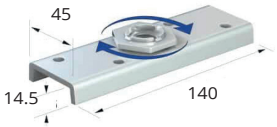

Double axle hanger, rotating
hanger, M20 x 97mm pin
380kg capacity
**Code: 250-263**




Double axle hanger, with cranked
mounting plate,
280kg capacity
**Code: 250-1383**

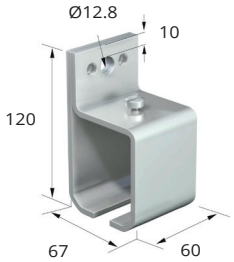



Rotating suspension plate, M16 thread
Minimum door thickness: 46mm
**Code: 50-1257**

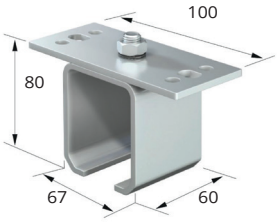



Rotating suspension plate, M20 thread.
Minimum door thickness: 46mm
**Code: 250-257**

# Series 250 Brackets and connectors




Face fixing
support bracket
**Code: 250-259**




Soffit fixing
track support
**Code: 250-258**

Adjustable twin track wall
fixing bracket
**Code: 250-259AD(KIT)**

Track mounted
door stop
**Code: 250-255**

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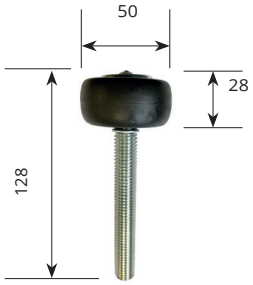
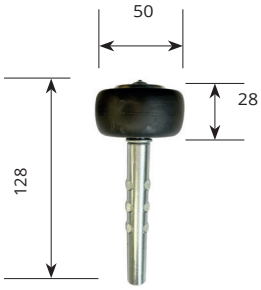
# **Series 250** Bottom guides

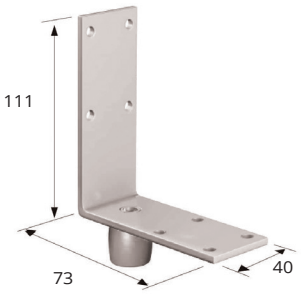



50mm DIA Wheel on M14 shaft c/w 2x M14 Nuts
**Code: 250-1272**

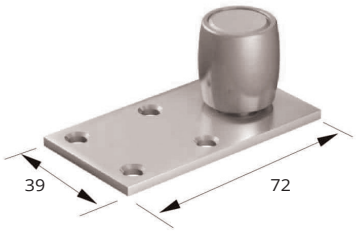



50mm DIA Wheel on rag bolt shaft
**Code: 250-1273**

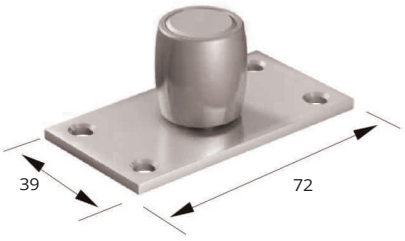

Use Polyester resin to support your anchor studs and bolts into hollow walls, masonry and concrete floors
**Code: AFJ350**



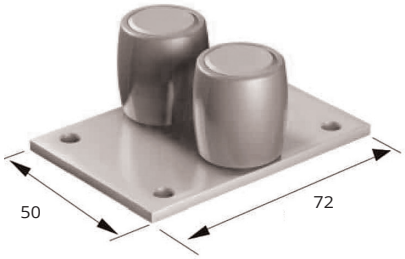

25mm Diameter bottom guide roller, on angled plate
**Code: 250-73**




25mm Diameter steel guide rotating pin on flat plate
**Code: 250-69**

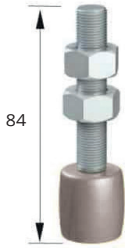



25mm Diameter bottom guide roller on flat plate
**Code: 250-70**




25mm Diameter double bottom guide roller, on flat plate
**Code: 250-77**

25mm Diameter brass guide roller
**Code: 250-1298**

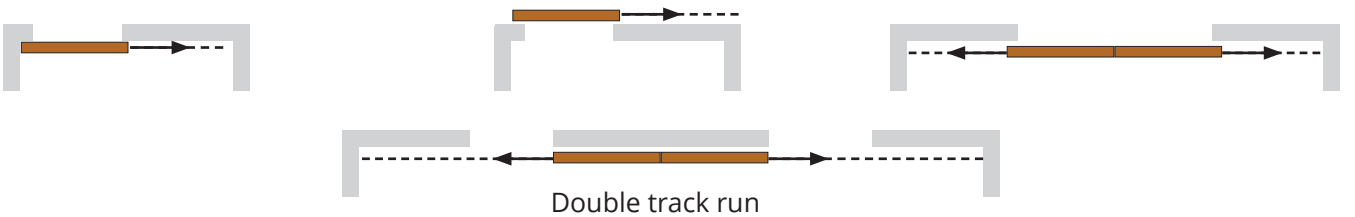



Guide roller M12 with 25mm roller
**Code: 250-268**

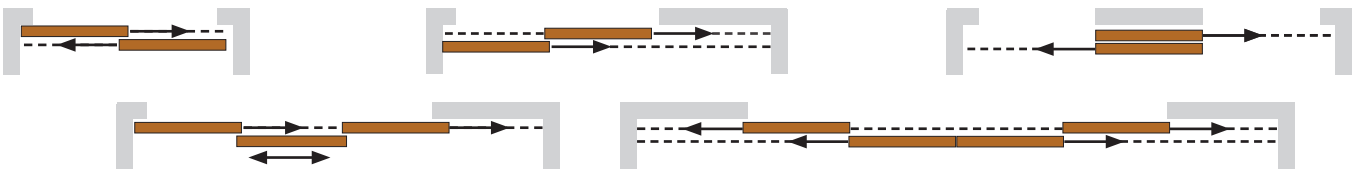

Guide roller M16 with 34mm roller
**Code: 250-1271**

# Typical panel configurations

Single track run



Double track run



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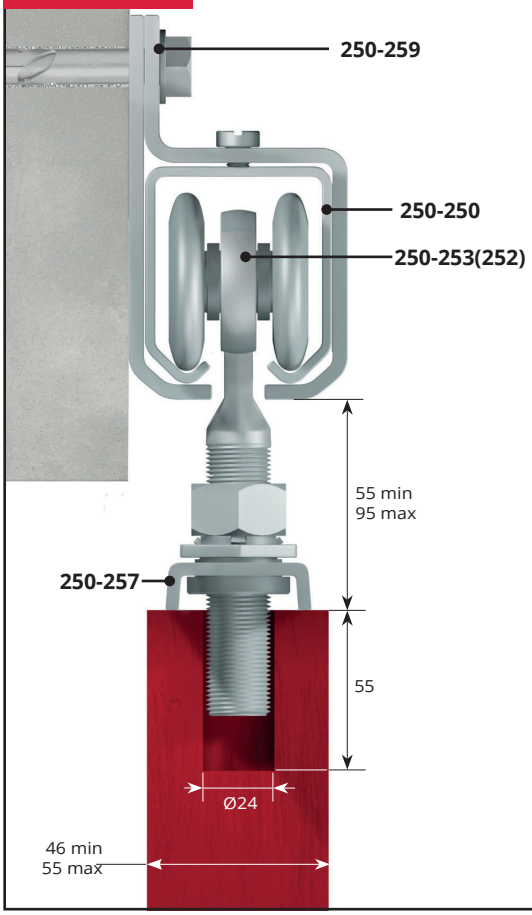
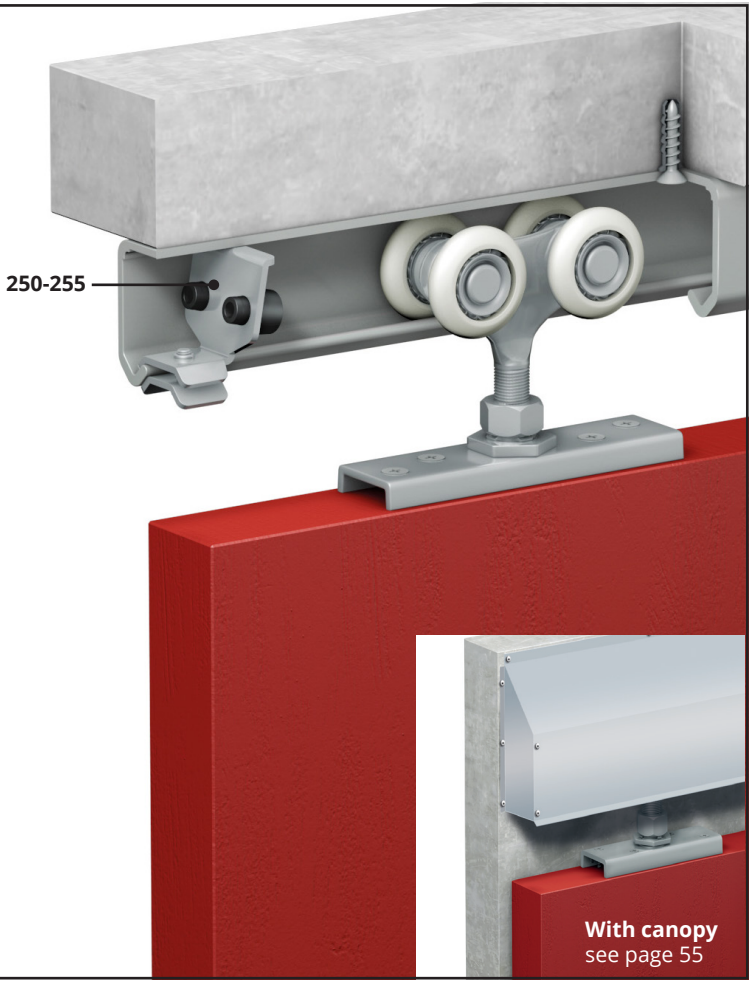
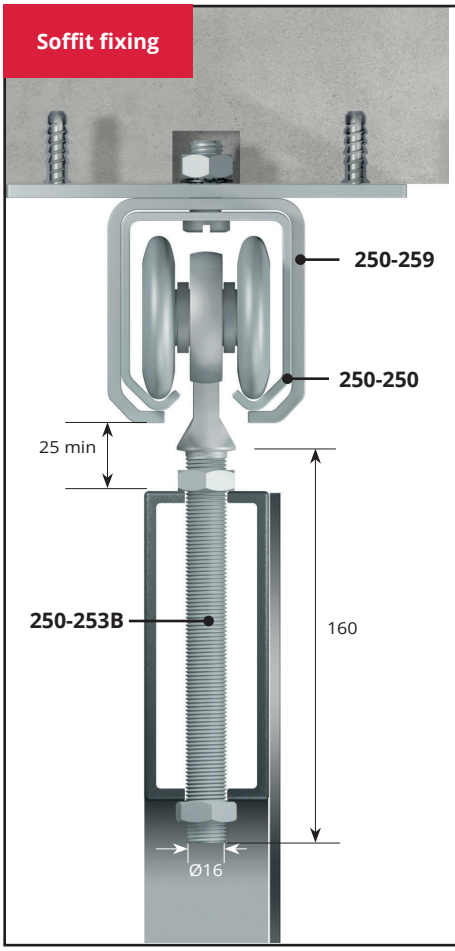
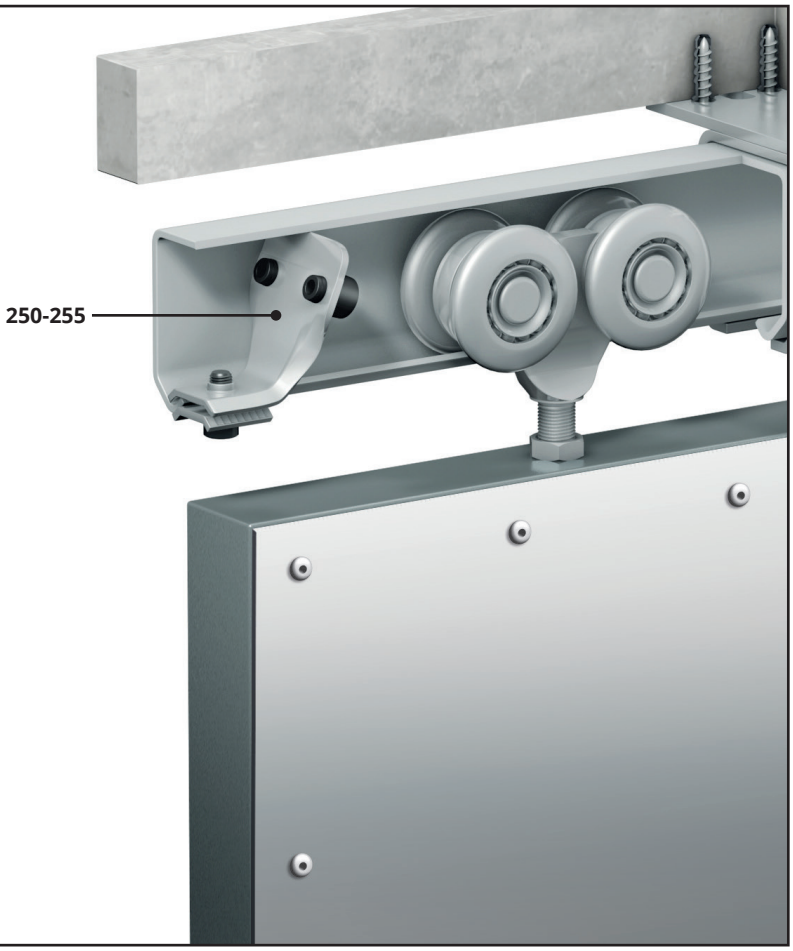
## Face fixing



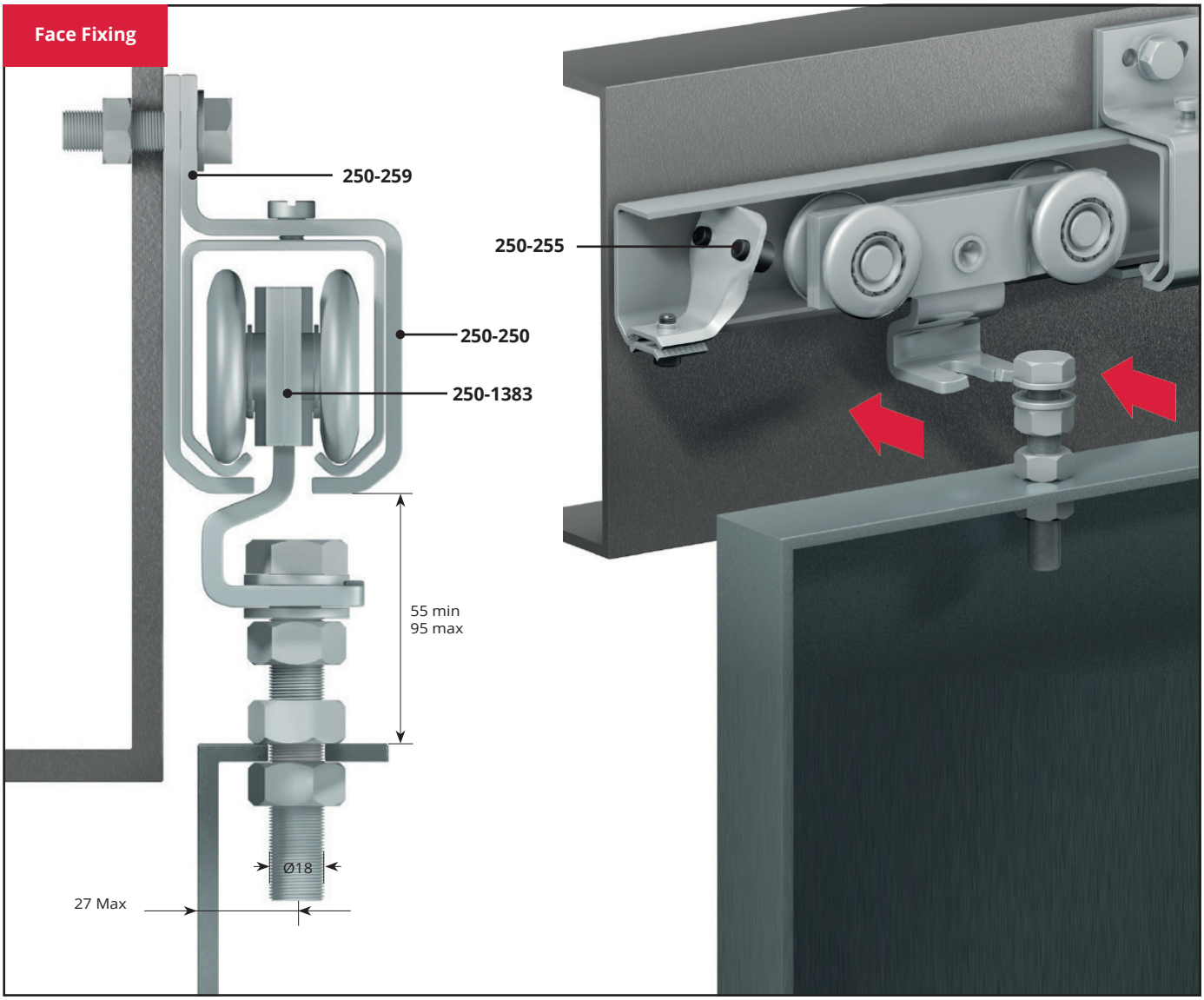

## Soffit fixing



# **Series 250** Straight sliding applications

**Face Fixing**




## Bottom guide options

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

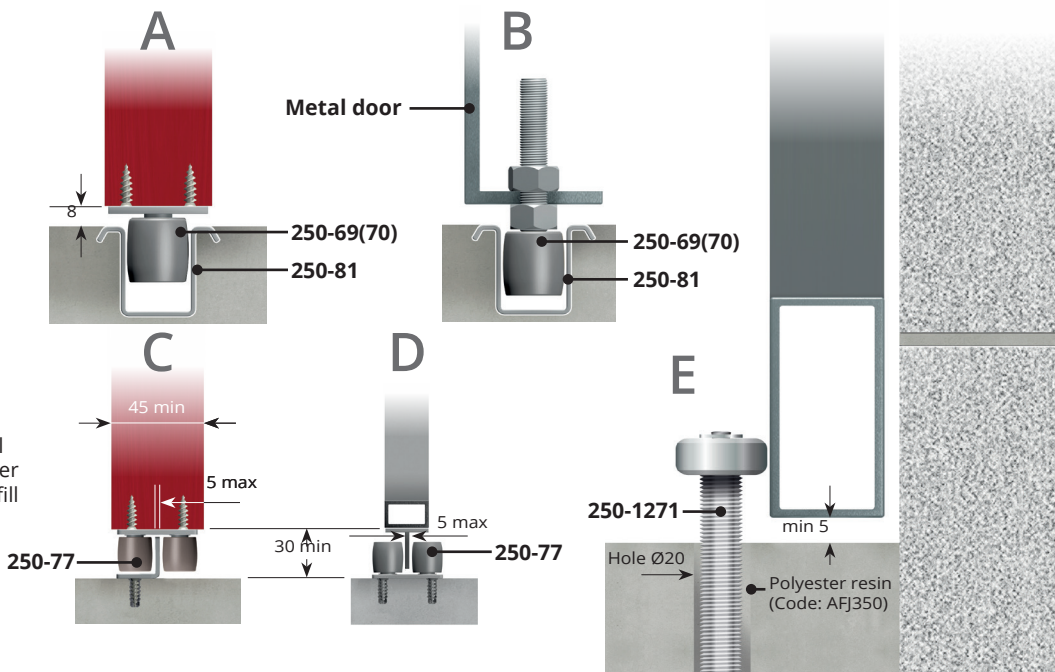
A. Screw mounted guide roller fixed to timber door with under guide channel recessed into floor.

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

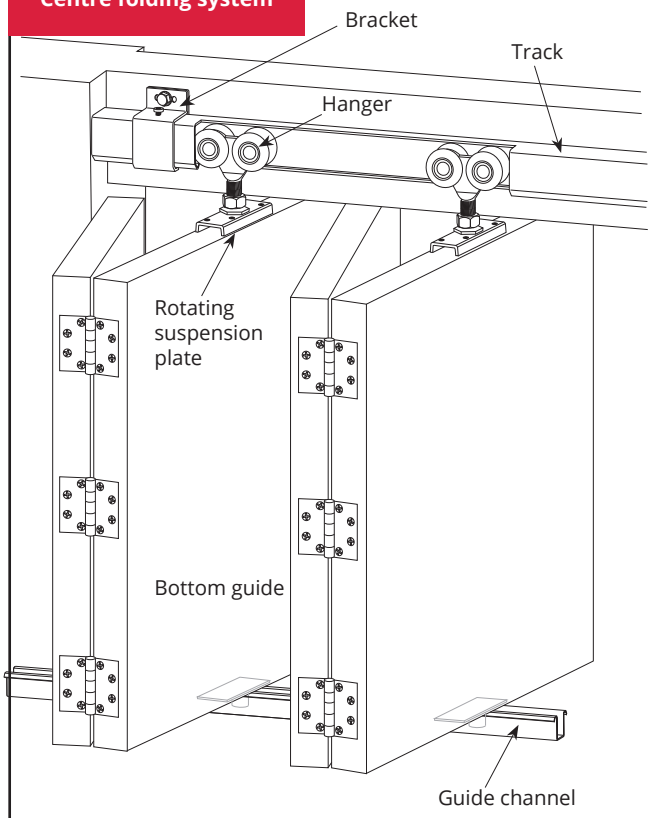
C. Bottom guide **250-77** used with angle steel, which can also act as as a weather strip.

D. T-section metal bar fitted to door underside and used with bottom guide.

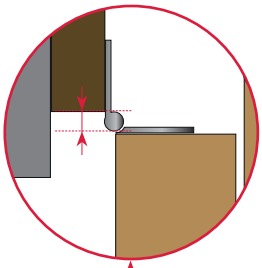
E. Bottom guide **250-1271** fixed into floor using chemical resin. Door is then guided between wall and roller which allows it to be used with no under guide channel. Where guide channel is prone to fill with debris, this method is recommended.



## Centre folding system




Series 250 End folding systems are suitable for timber or metal doors with a maximum panel weight up to 1000kg when using two 500kg 4 wheel hangers per door. Capacity will be reduced accordingly if using lower capacity hangers from the Series 250 range.
**See Pages 27 - 28 for components**

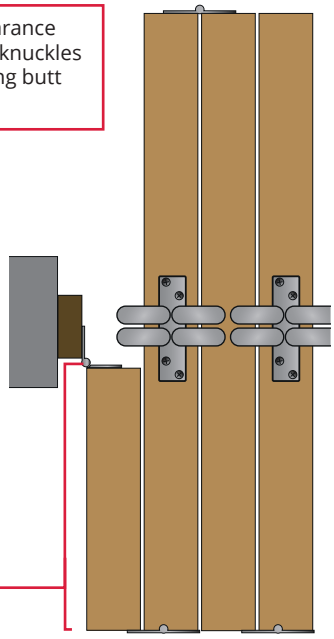


NOTE: The width of the door panel which is hinged to the frame (jamb) must be reduced by half the thickness of the door plus half the width of the remaining doors, plus the diameter of the hinge knuckle when using butt hinges.
The example below is for a hinge with a 14mm knuckle.
Dimension will vary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

Example using 1200mm wide x 80mm thick door.
1200mm ÷ 2 = 600mm; 80mm ÷ 2 = 40mm;
600mm + 40mm + 14mm

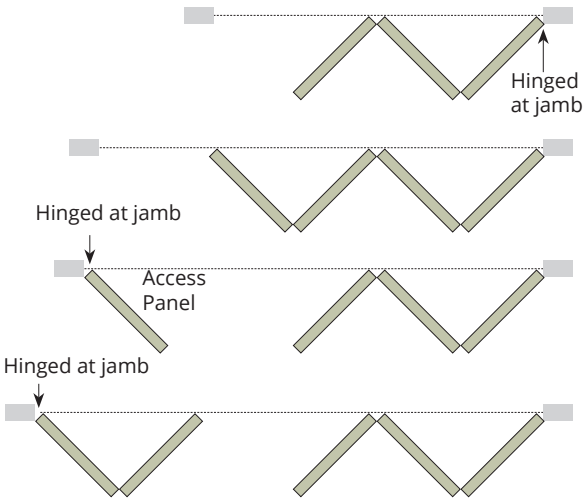
= 654mm reduction in width

Allow clearance for hinge knuckles when using butt hinges.

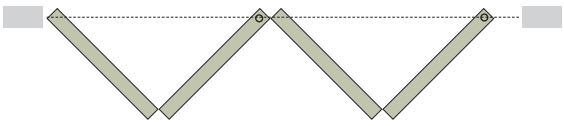


No clearance necessary when using invisible hinges.

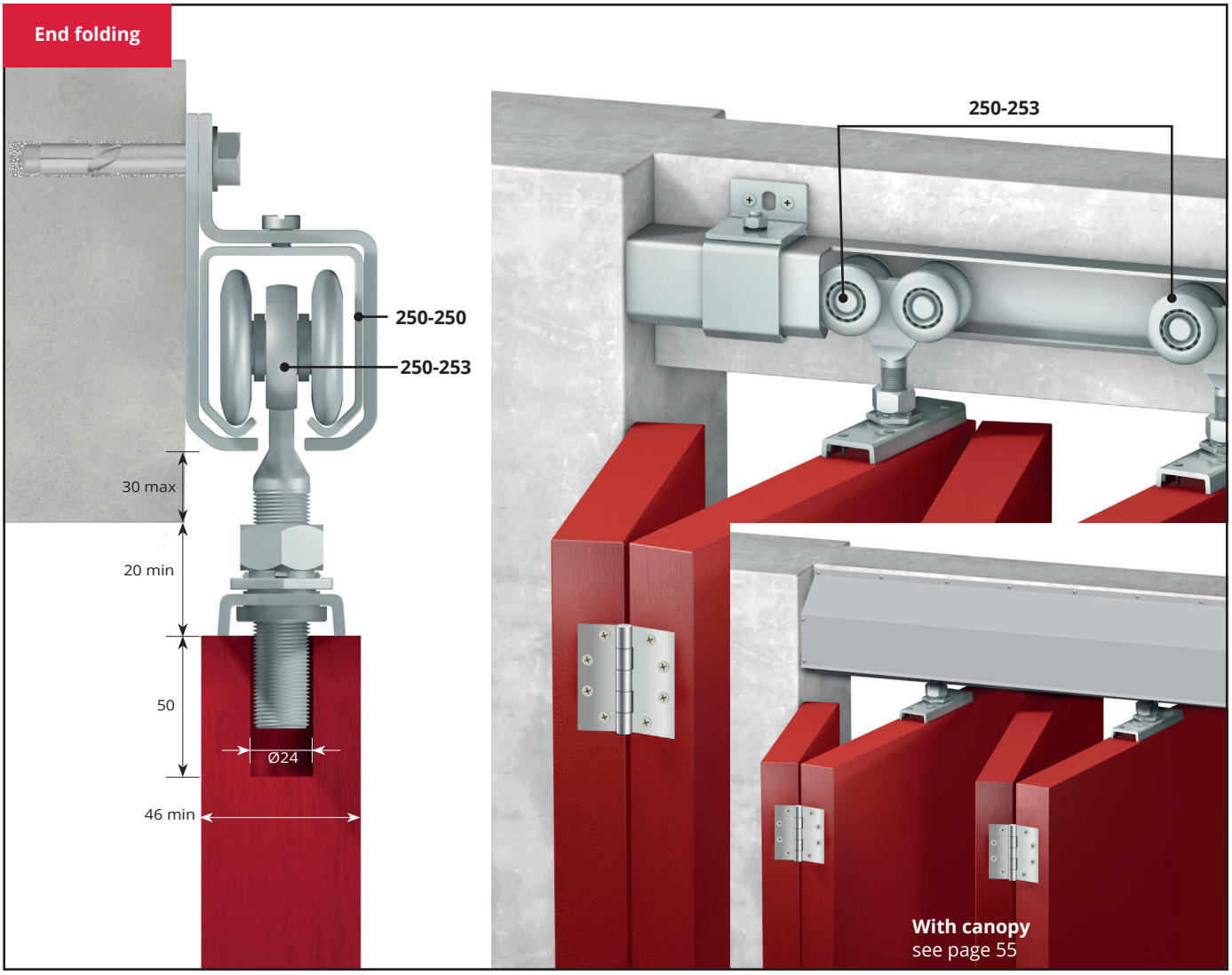
**Other typical panel centre folding configurations**
All panels equal width except jamb leaf which must be reduced as shown above.




Typical plan of 3 1/2 doors



## End folding




# Bottom guide options

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

A. Screw mounted guide roller fixed to timber door with under guide channel recessed into floor. **250-1298** may also be used for doors thinner than 40mm

B. Screw mounted guide roller fixed to metal door