

industrial

Sliding and
Folding Door
Systems



industrial Sliding Systems

Runners have progressively developed a range of sliding door systems, unparalleled for their durability, versatility and simplicity. Using only the highest quality materials, our systems are built to last, easy to install and offer the best value for money.

Series **20** max 90kg

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.



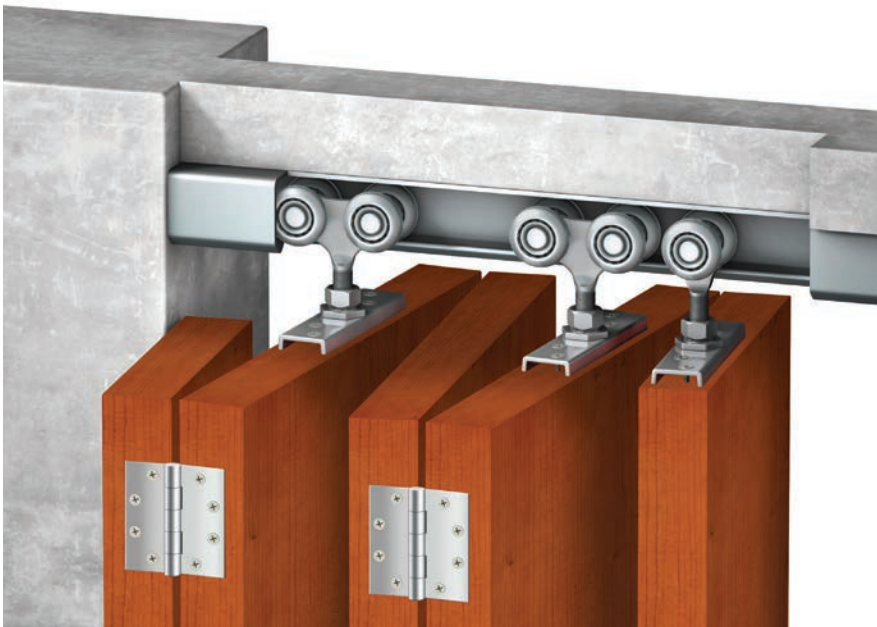
Series **50** max 440kg

Designed for commercial and agricultural 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.



Series **70** max 600kg

Designed for commercial and agricultural applications such as warehousing, agricultural buildings, stables, etc. The range is designed to be concise and straightforward to assemble. It has the benefit of being compatible with other track profiles in use, making it ideal for extending existing systems. Series 70 maximum panel weight capacity is 600kg.



Series **250** max 1000kg

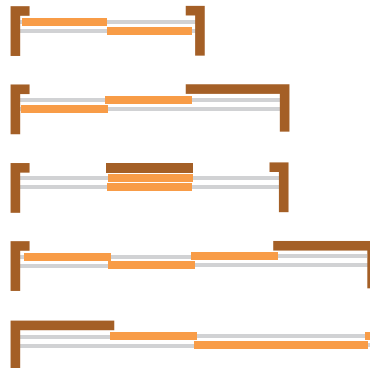
Designed for heavy duty commercial and agricultural applications such as warehousing, agricultural buildings, hangars etc. The comprehensive range of hangers and components offers a smooth gliding system for both straight sliding and folding configurations. Series 250 maximum panel weight capacity is 1000kg.

Single and Double door Sliding Systems

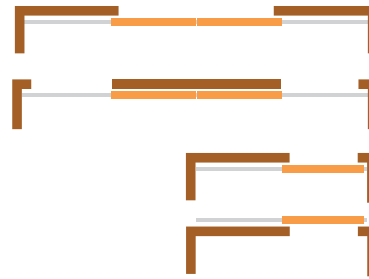
All of our Industrial sliding ranges allow you to do straight sliding applications with doors ranging from very lightweight upto an impressive 1000kg per door.

Any number of doors can be accommodated.

Double Door Layouts



Single Door Layouts



Series

20

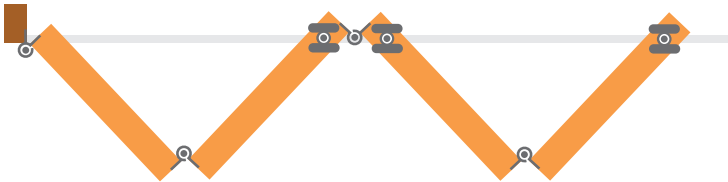
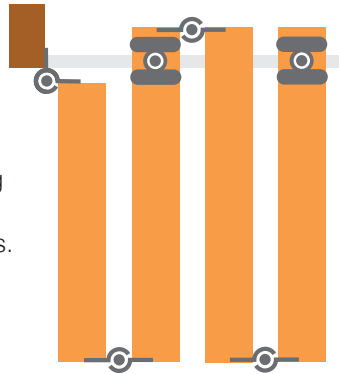
50

70

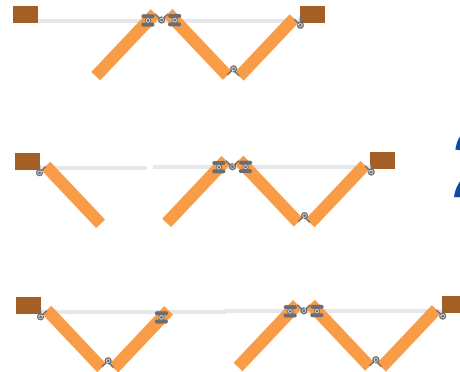
250

End Folding Door Systems

The Industrial sliding door system is capable of achieving many configurations of end-folding bi-fold applications. Shown are suggestions with many other configurations being achievable.



Typical Door Layouts



Series

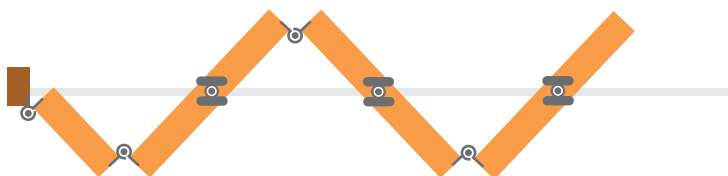
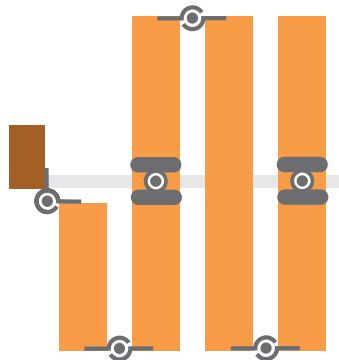
20

50

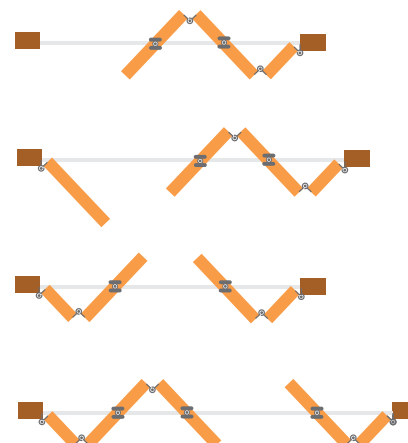
250

Centre Folding Door Systems

Using the Industrial centre folding door system allows you to stack your doors to the centre of the partition not taking up excess space on either side.



Typical Door Layouts

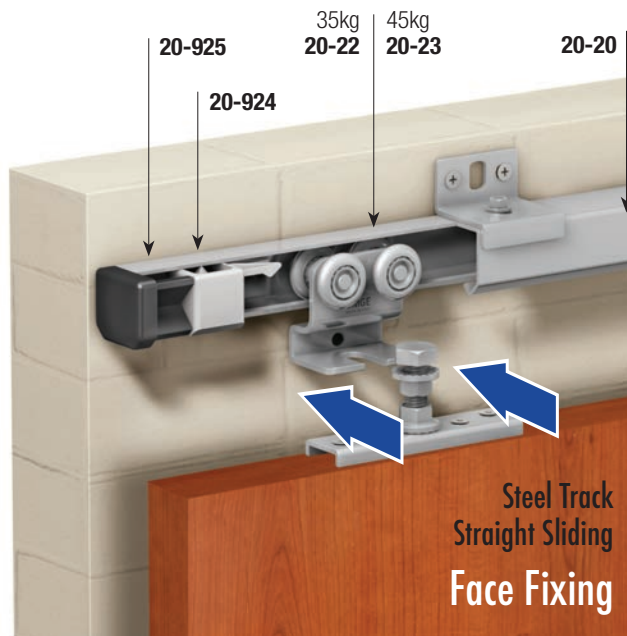
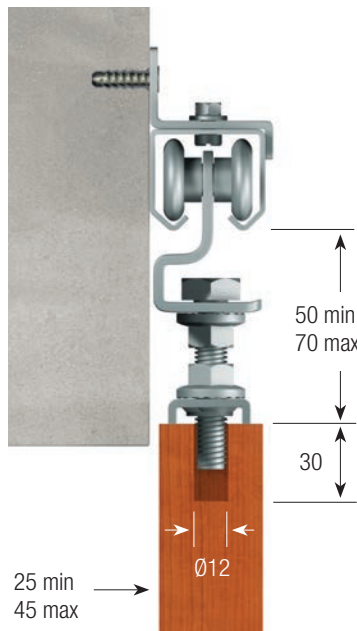
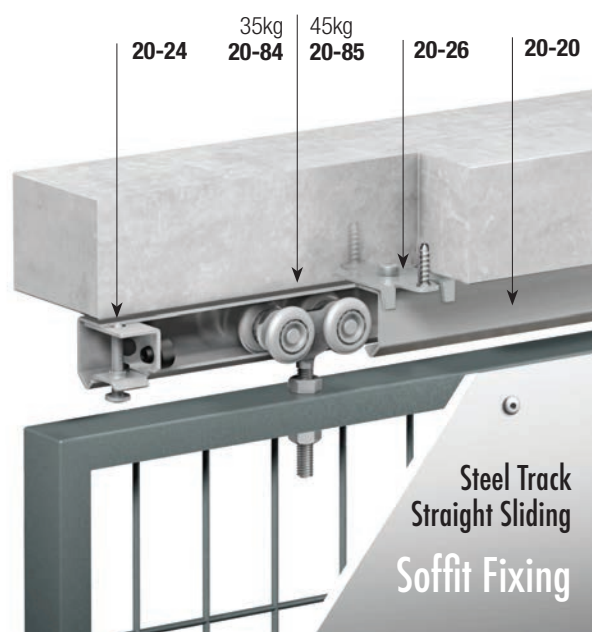
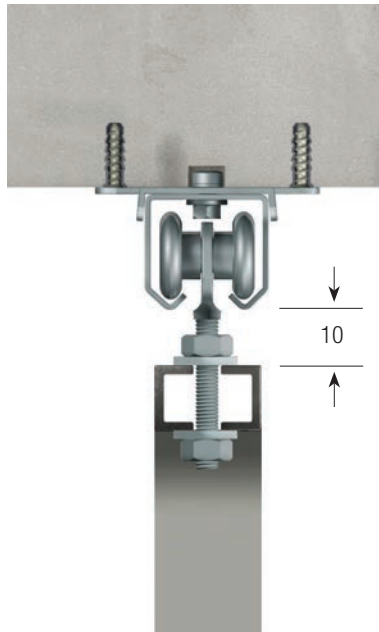
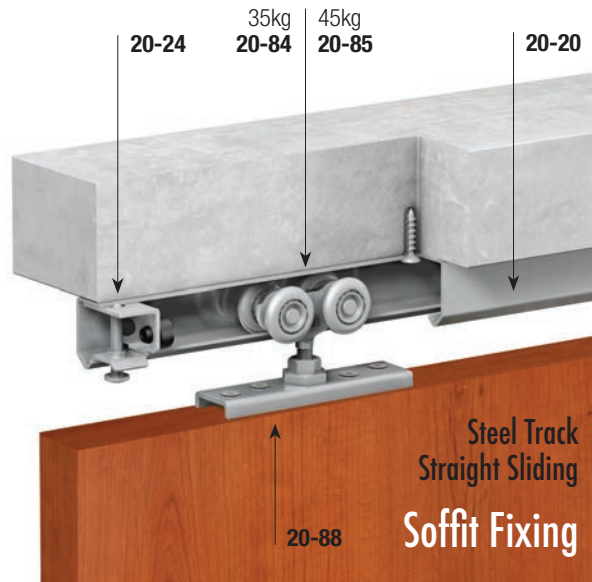
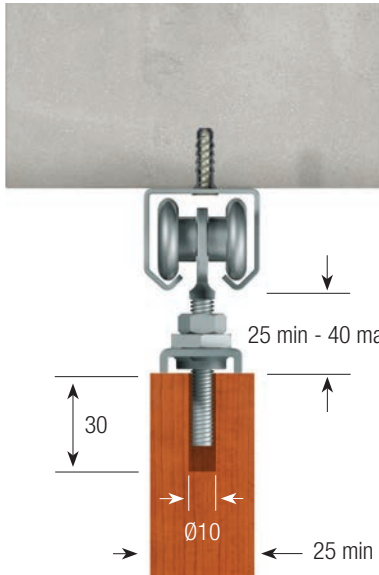


Series

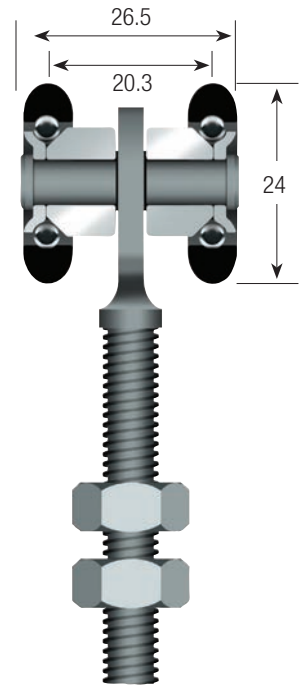
20

50

250



Series 20

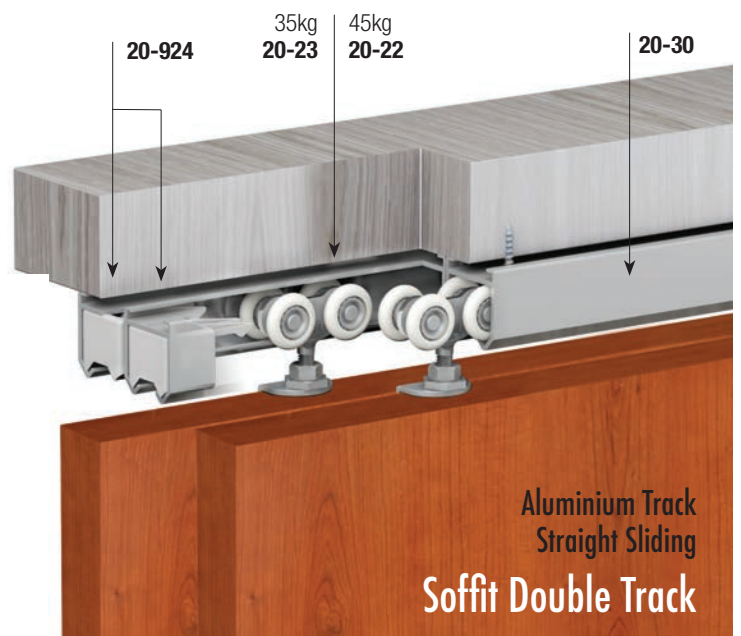
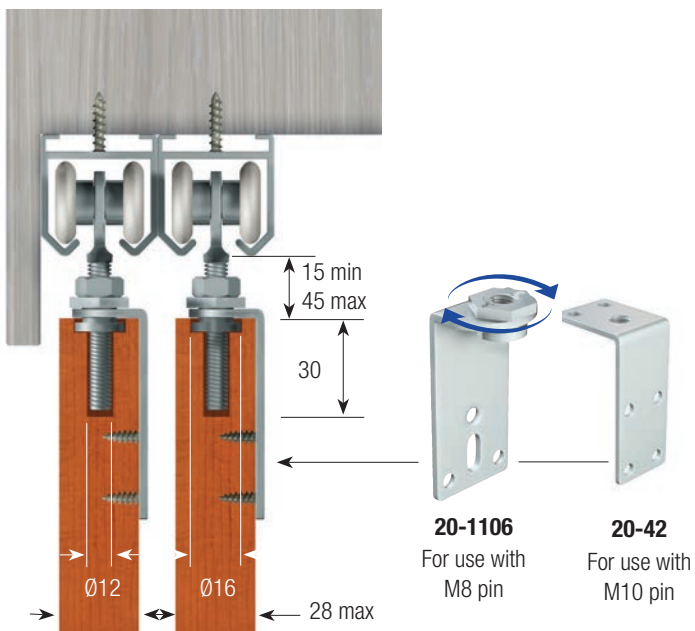
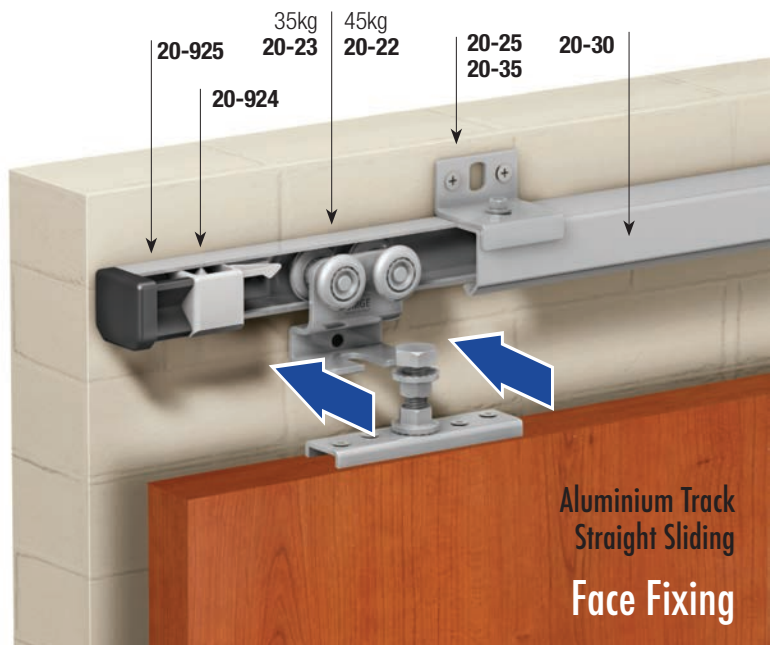
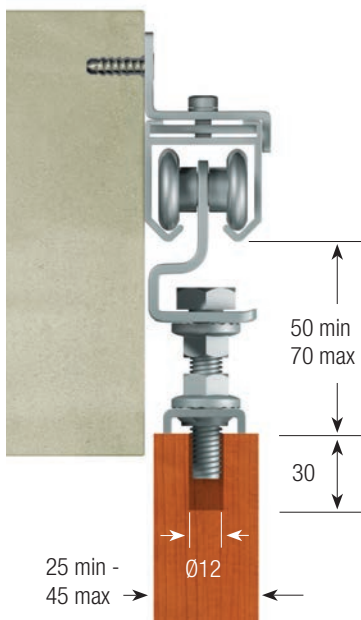
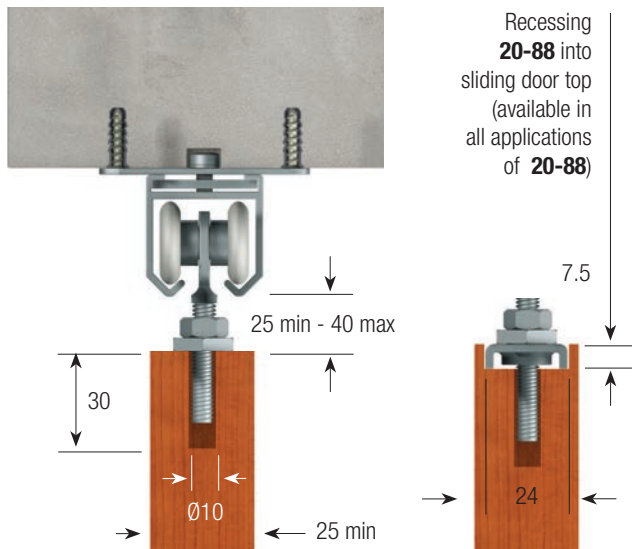


24mm WHEEL max 90kg

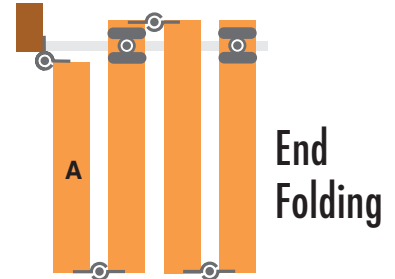
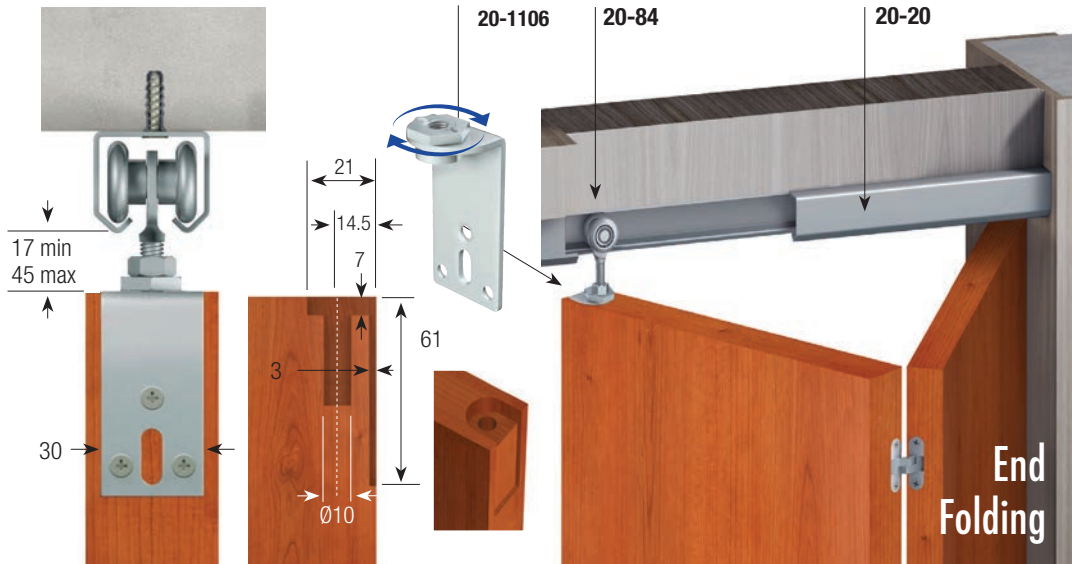
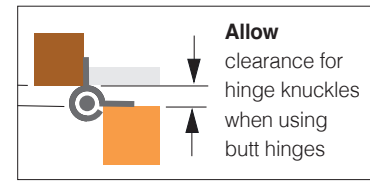
Designed for lightweight applications such as interior doors and cupboards or overhead runway systems and partitions etc. With its vast range of hangers and components, Series 20 offers a smooth, flexible solution for straight, folding and curved configurations.

Series 20 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). Generally two hangers are used on each door panel. A third or fourth hanger can be used to increase door weight capacity. eg. using three 20-23 hangers would allow a door panel weighing up to 135kg to be used.

When using upper track support brackets they should be fixed at 600 - 1000mm spacing. Steel track is pre-drilled for soffit fixing at 600mm centres and may be fixed directly to the substrate. Aluminium track is not pre-drilled and will require support brackets.



Series 20



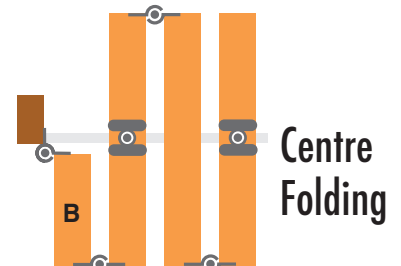
The width of the door panel which is hinged to the frame **A** (jamb) must be reduced by half the thickness of the door plus 14mm, plus the diameter of the hinge knuckle when using butt hinges.

Dimension will vary depending on hinge choice.

Example 10mm knuckle

30mm thick door

$$\begin{aligned} 30\text{mm} \div 2 &= 15\text{mm} \\ 15\text{mm} + 14\text{mm} &+ 10\text{mm} \\ \text{reduction in width } \mathbf{A} &= 39\text{mm} \end{aligned}$$



The width of the door panel which is hinged to the frame **B** (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.

Dimension will vary depending on hinge choice.

Example 10mm knuckle

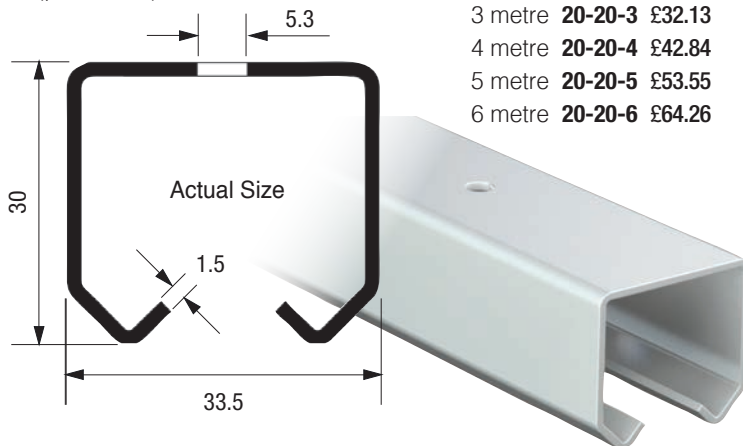
600mm wide x 30mm thick door

$$\begin{aligned} 600\text{mm} \div 2 &= 300\text{mm} \\ 30\text{mm} \div 2 &= 15\text{mm} \\ 300\text{mm} + 15\text{mm} &+ 10\text{mm} \\ \text{reduction in width } \mathbf{B} &= 325\text{mm} \end{aligned}$$



Steel Top Track

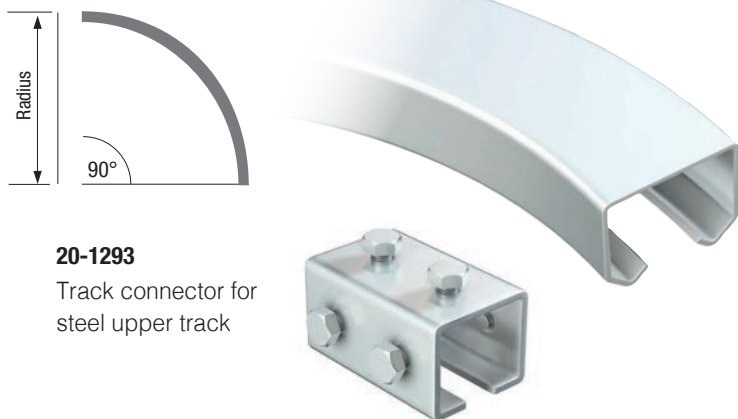
Galvanised steel upper track (pre-drilled)



1 metre	20-20-1	£10.71
2 metre	20-20-2	£21.42
3 metre	20-20-3	£32.13
4 metre	20-20-4	£42.84
5 metre	20-20-5	£53.55
6 metre	20-20-6	£64.26

90° Curved Galvanised steel upper track (pre-drilled) As well as our standard range of curved track, bends can be made to order for a specific radius.

Radius Length		
0.75 metre	20-280	£66.03
1 metre	20-285	£70.19
1.5 metre	20-286	£80.95
2 metre	20-290	£92.49



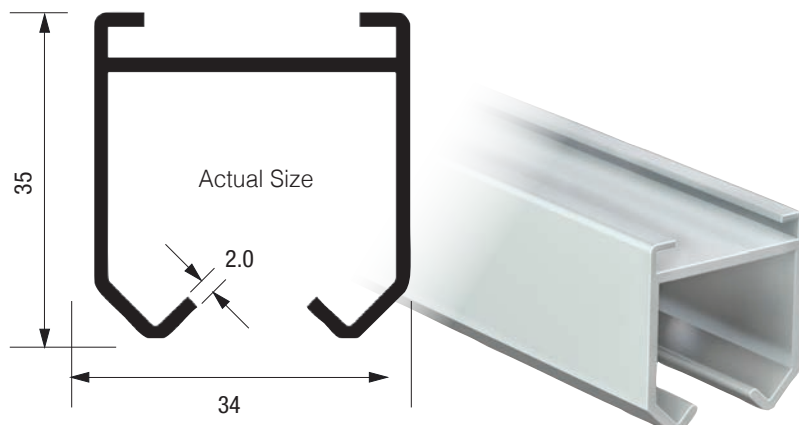
20-1293

Track connector for steel upper track

Aluminium Top Track

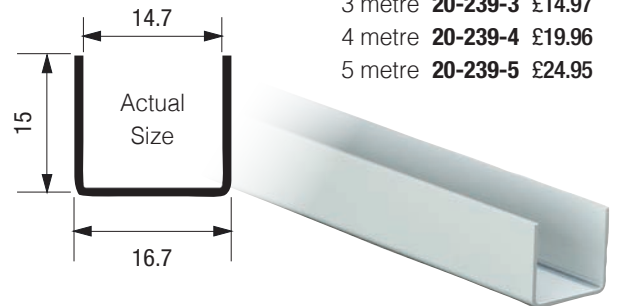
Aluminium profile upper track. Aluminium track is also available bent by special order to a specific radius.

1 metre	20-30-1	£23.23
2 metre	20-30-2	£46.46
3 metre	20-30-3	£69.69
4 metre	20-30-4	£92.92
5 metre	20-30-5	£116.15



Bottom Guide Track

Under Guide galvanised steel channel

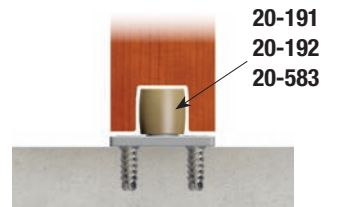


1 metre	20-239-1	£4.99
2 metre	20-239-2	£9.96
3 metre	20-239-3	£14.97
4 metre	20-239-4	£19.96
5 metre	20-239-5	£24.95

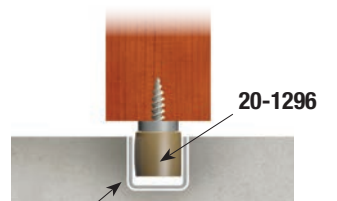
Bottom Guide Options

Typical configurations (suggestions only).

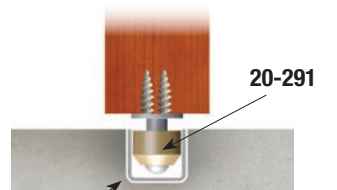
Guide roller fixed to floor with under guide channel recessed into door bottom.



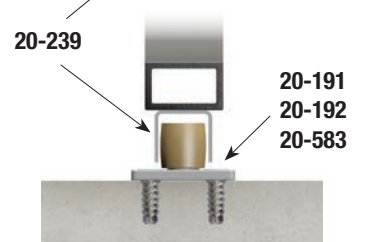
Screw mounted guide roller fixed to door with under guide channel recessed into floor.



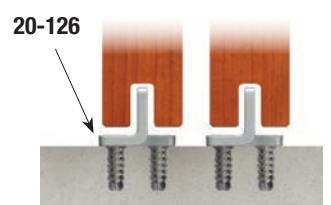
Guide roller on narrow plate fixed to door with under guide channel recessed into floor.



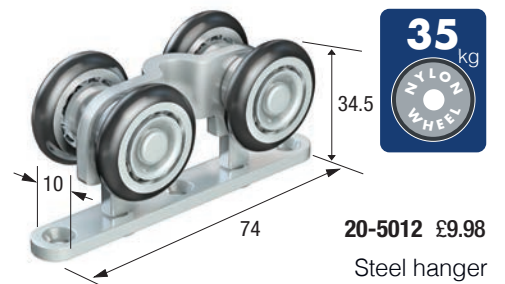
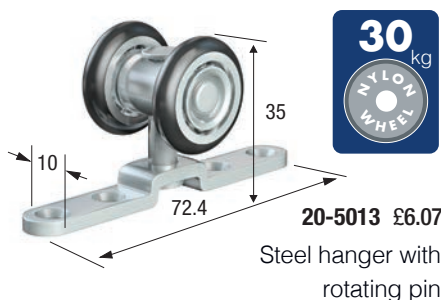
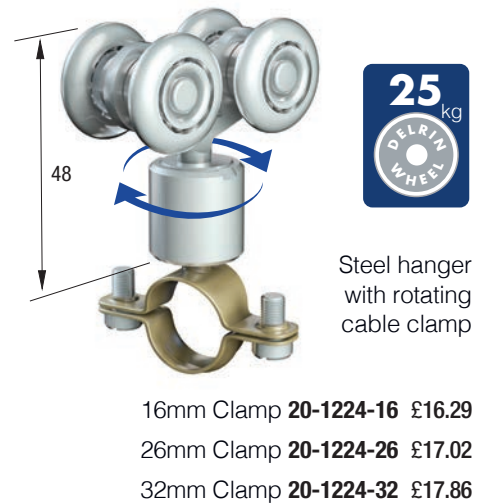
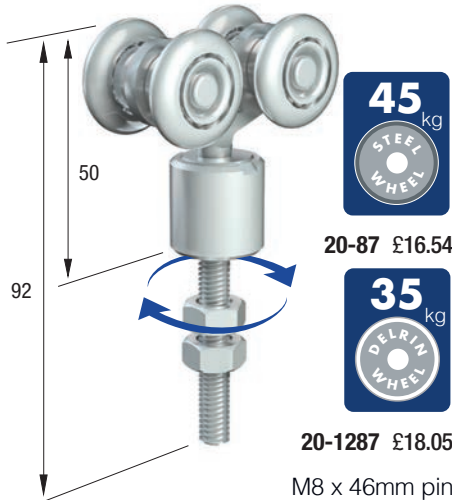
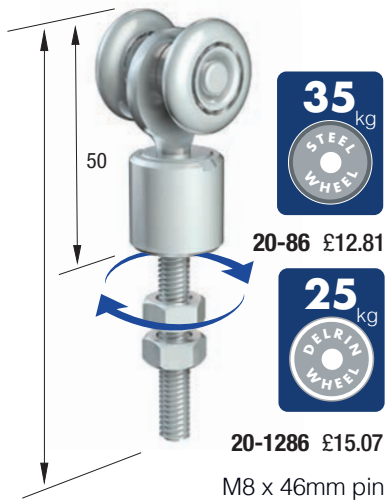
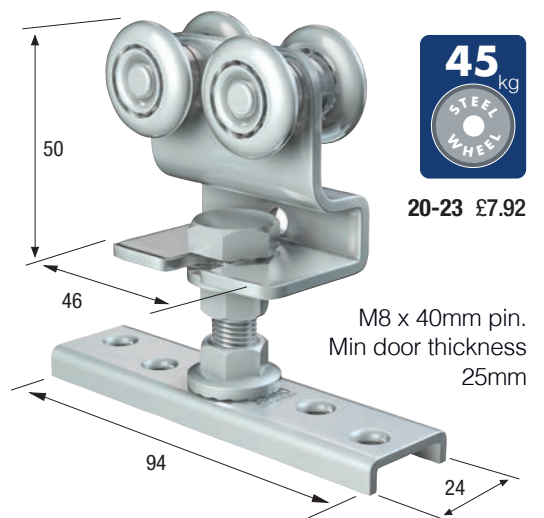
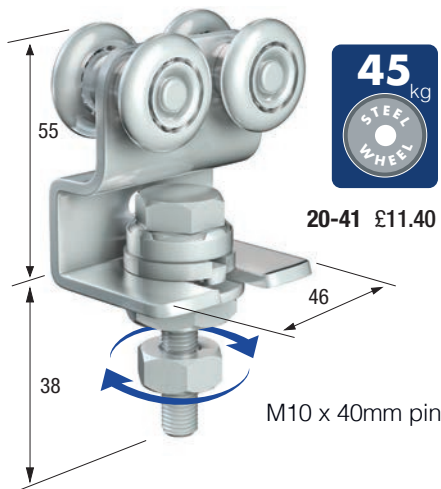
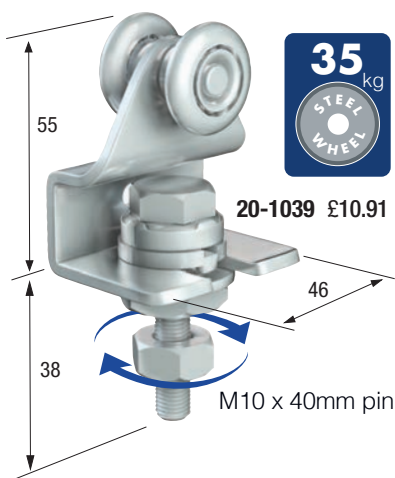
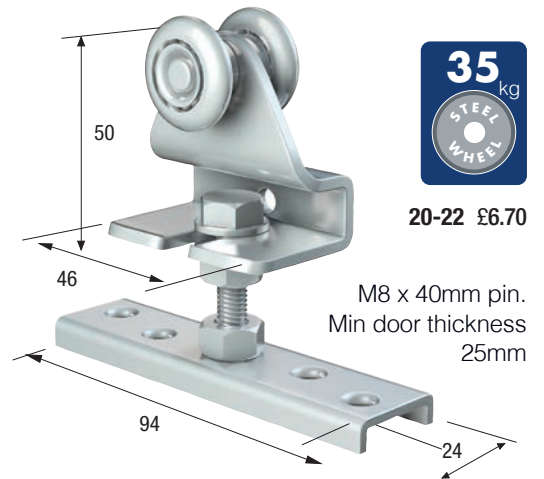
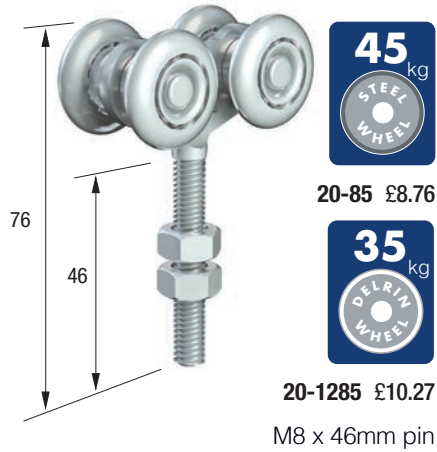
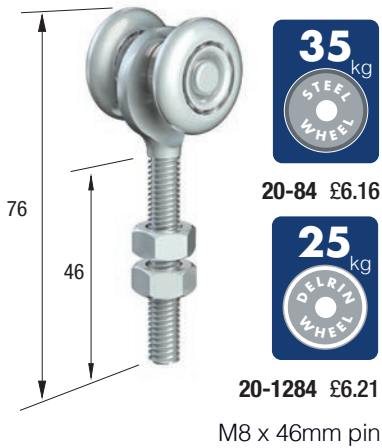
Guide channel fitted to metal door bottom with guide roller fixed to floor.

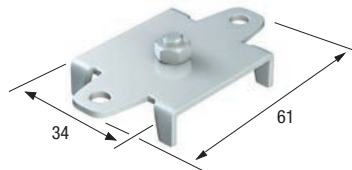
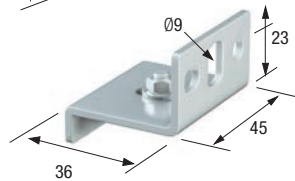
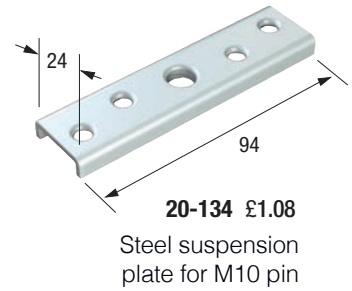
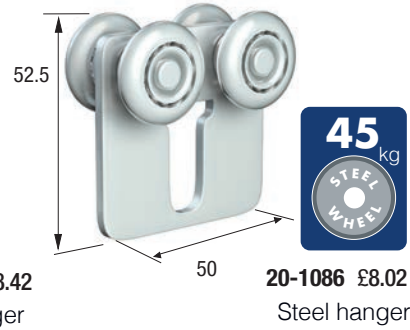
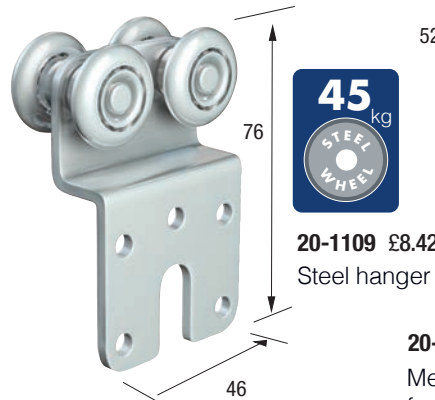
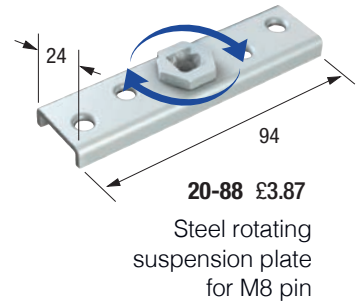


Single or double door configurations are easily installed using steel guide 20-126



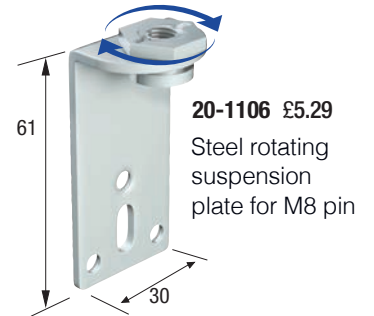
Series 20



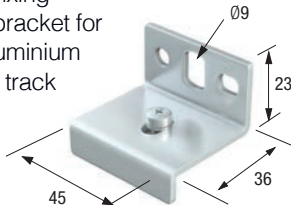


20-24 £1.76
Metal Stop for the upper track

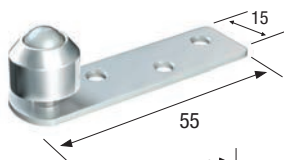
20-924 £1.73
Hook Stop for the upper track, holds door in closed position.



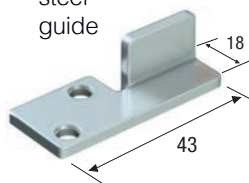
20-35 £2.35
Face fixing steel bracket for the aluminium upper track



20-291 £3.67
Steel guide roller with rotating Ø 14mm pin



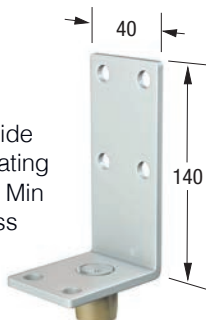
20-126 £2.11
Floor fixing steel guide



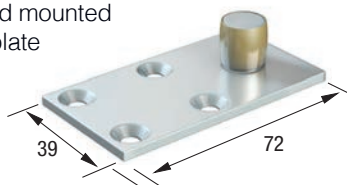
20-1296 £3.47
Rotating brass guide pin Ø 14mm



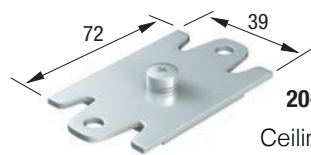
20-43 £4.41
Steel side guide roller with rotating pin Ø 14mm. Min door thickness 30mm



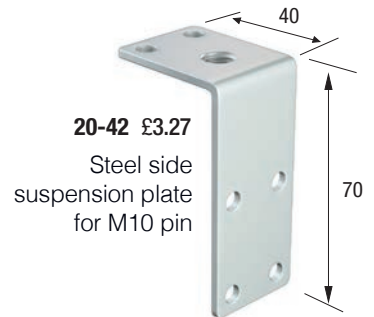
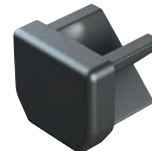
20-191 £3.37
Rotating brass guide pin Ø 14mm end mounted on steel plate



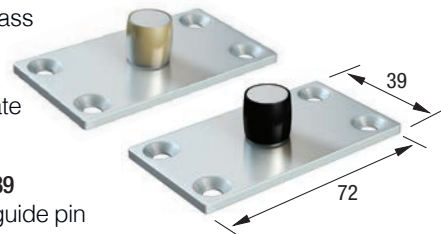
20-34 £2.35
Ceiling/soffit fixing steel bracket for the aluminium upper track



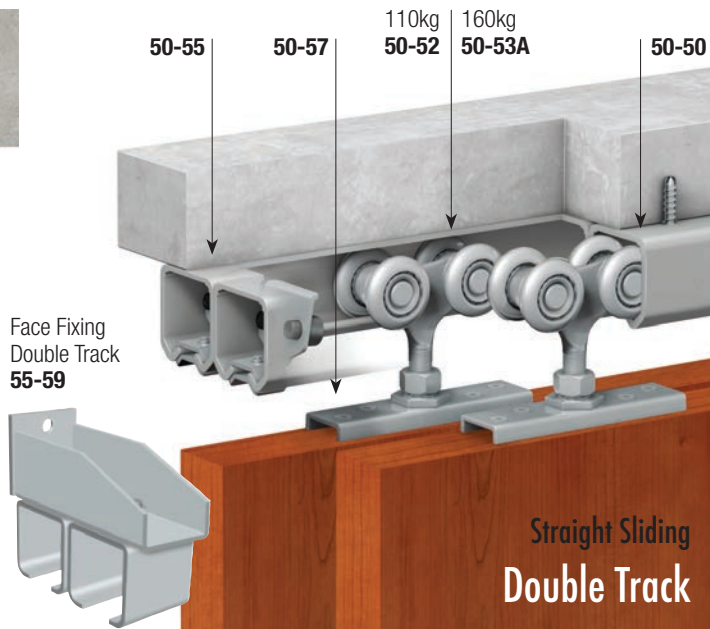
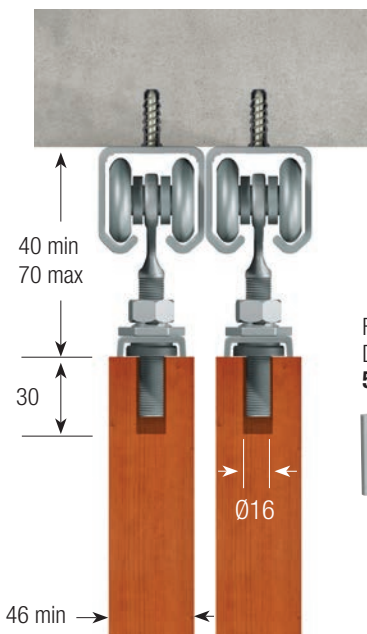
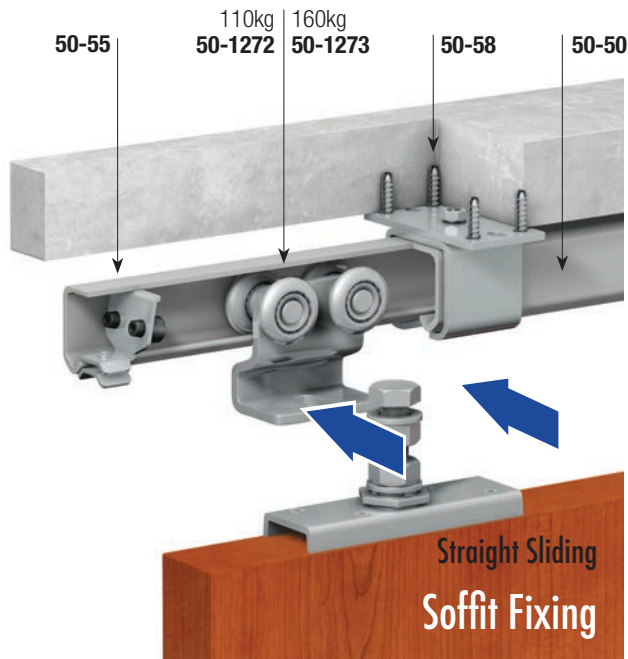
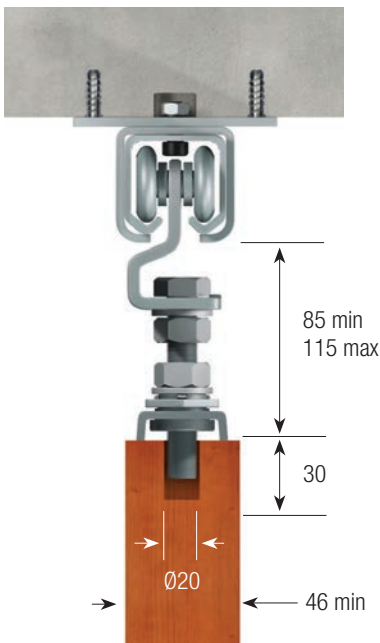
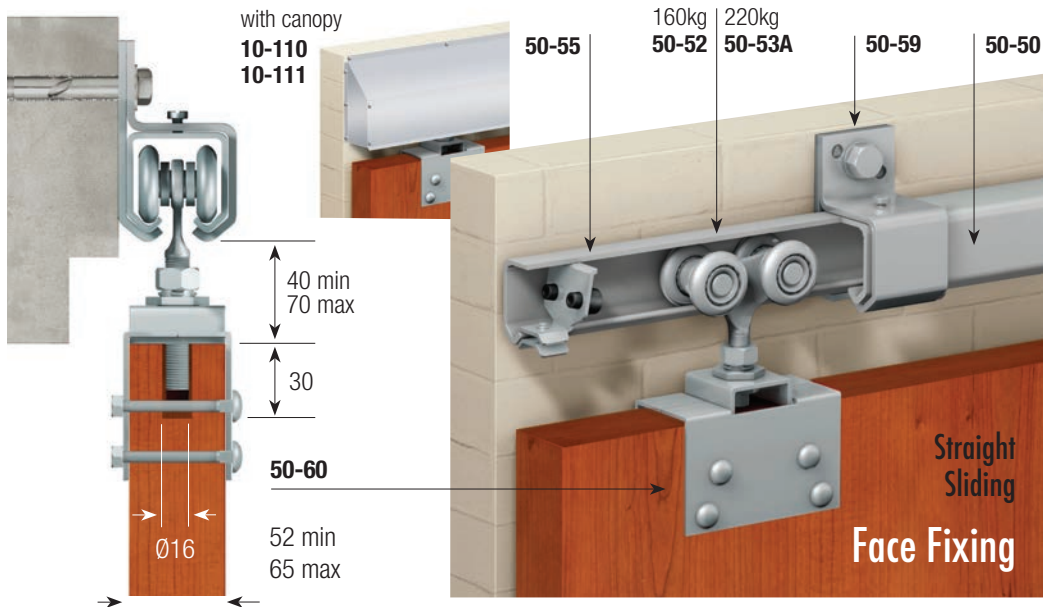
20-925 £1.73
End Cap for the upper track



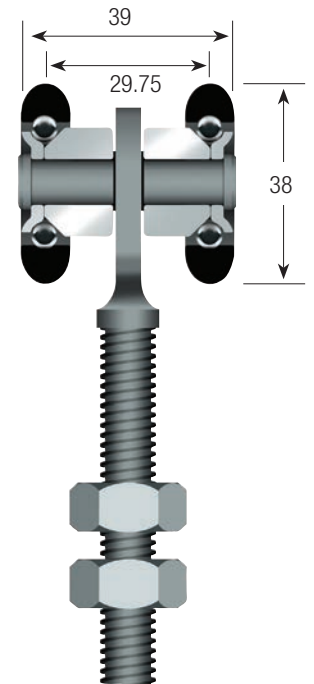
20-192 £3.37
Rotating brass guide pin Ø 14mm on steel plate



20-583 £2.89
with nylon guide pin



Series 50

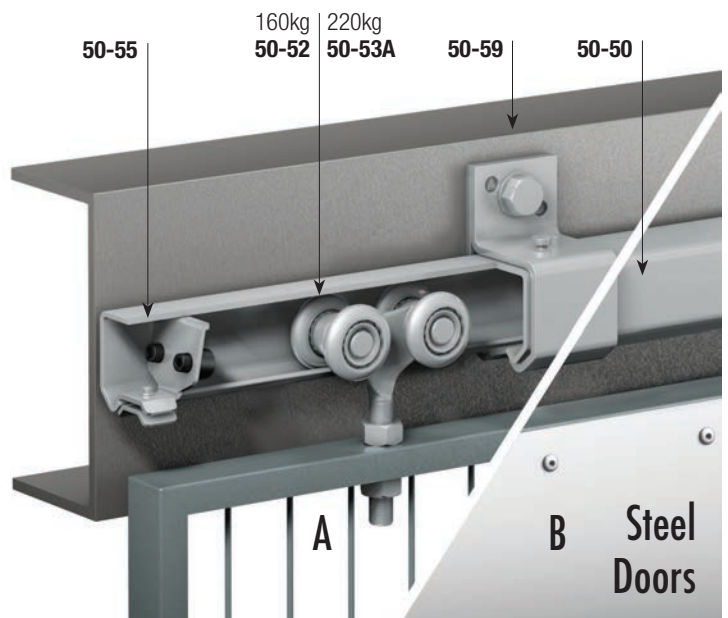
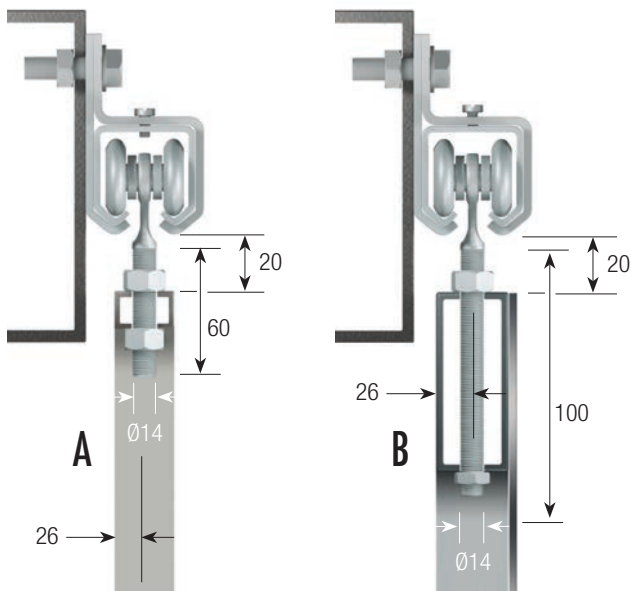
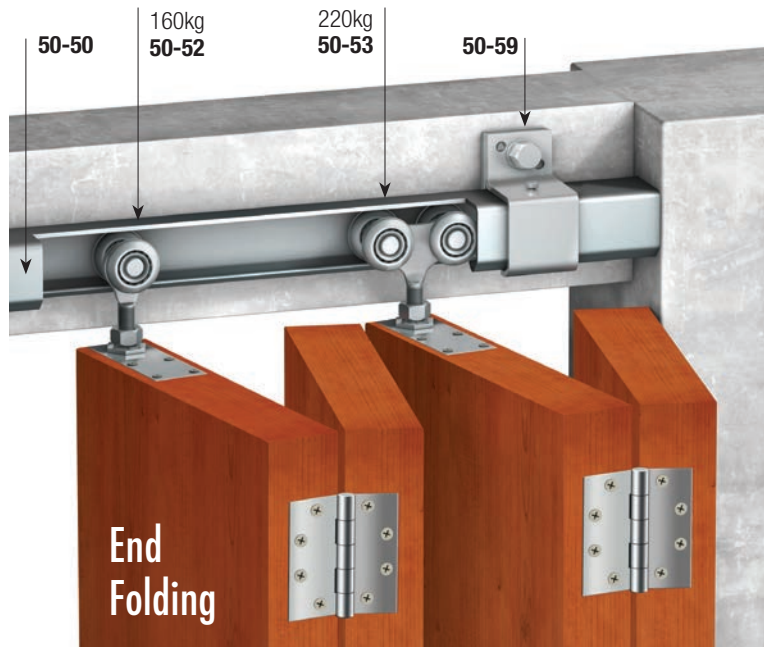
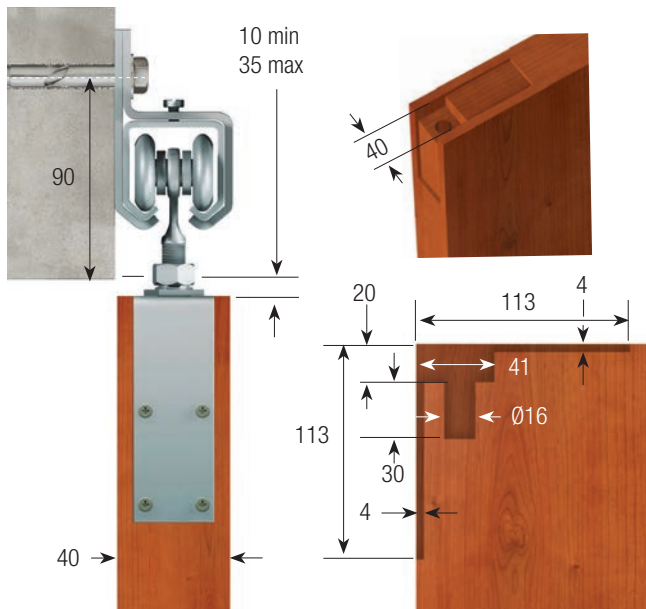
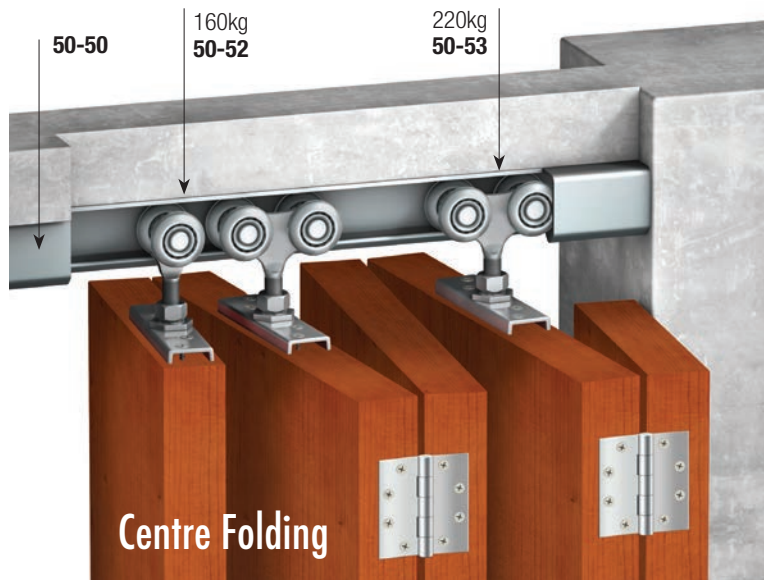
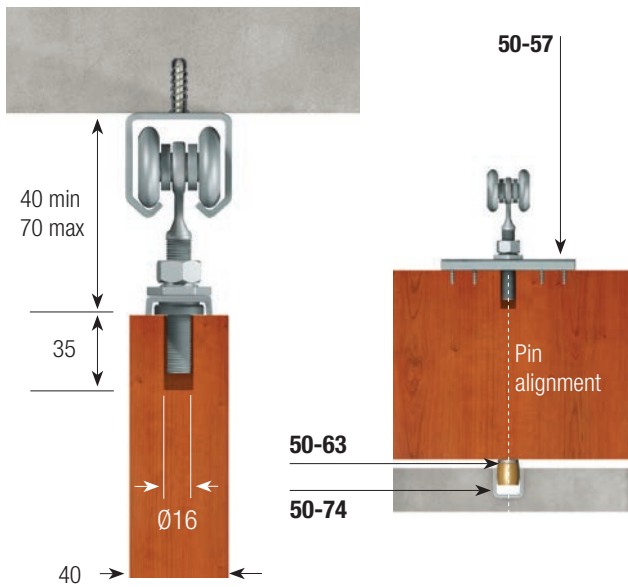


38mm WHEEL max 440kg

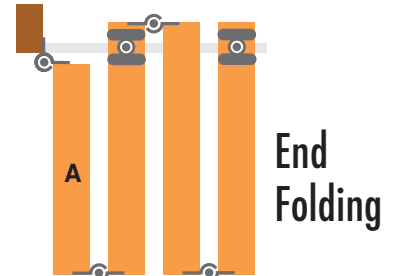
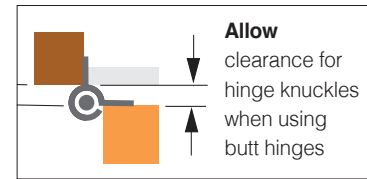
Designed for commercial and agricultural applications such as warehousing, agricultural buildings, stables etc. The comprehensive range of hangers and components allows Series 50 to be used for many applications including overhead runway systems, partitions, sliding curtains and stabling blocks.

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.

Generally two hangers are used on each door panel. A third or fourth hanger can be used to increase door weight capacity. eg. using three 50-53 hangers would allow a door panel weighing up to 660kg to be used. When using upper track support brackets they should be fixed at a minimum of 600mm and a maximum of 1000mm spacing. Series 50 steel or aluminium upper track is NOT pre-drilled and will require drilling for soffit fixing.



Series 50



The width of the door panel which is hinged to the frame **A** (jamb) must be reduced by half the thickness of the door plus 14mm, plus the diameter of the hinge knuckle when using butt hinges.

Dimension will vary depending on hinge choice.

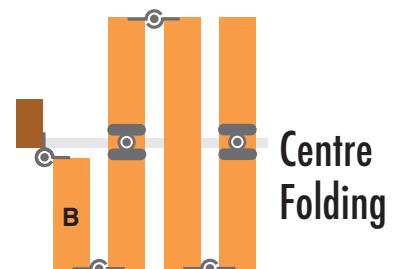
Example 14mm knuckle

60mm thick door

$$60\text{mm} \div 2 = 30\text{mm}$$

$$30\text{mm} + 23\text{mm} + 14\text{mm}$$

reduction in width **A** = 67mm



The width of the door panel which is hinged to the frame **B** (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.

Dimension will vary depending on hinge choice.

Example 14mm knuckle

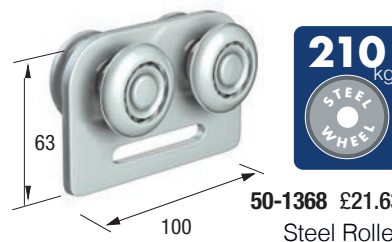
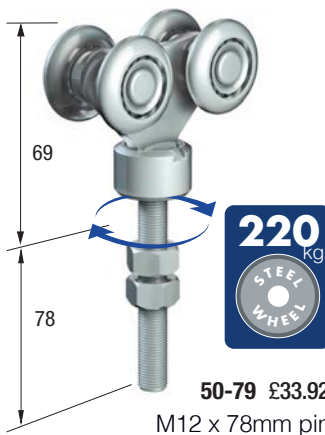
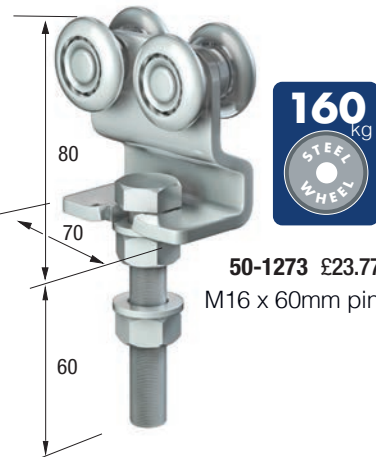
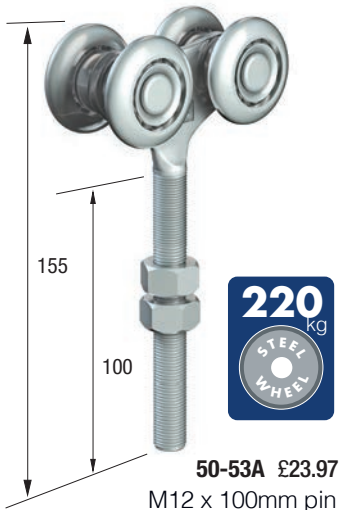
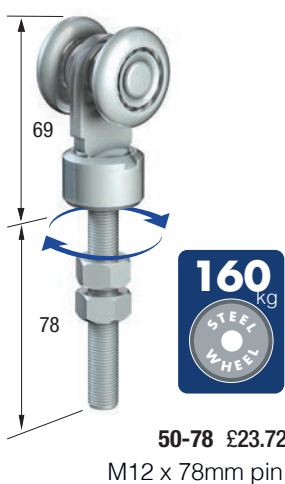
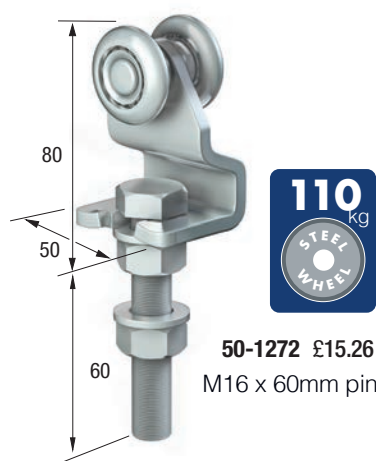
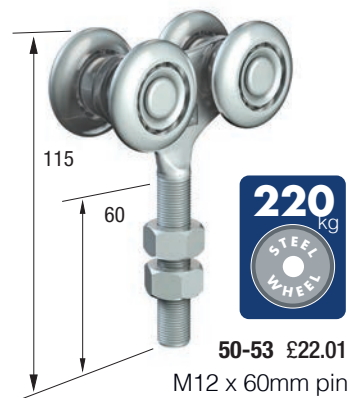
100mm wide x 60mm thick door

$$1000\text{mm} \div 2 = 500\text{mm}$$

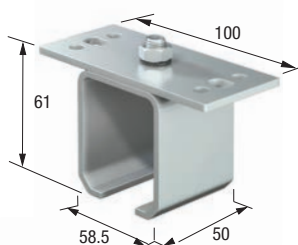
$$60\text{mm} \div 2 = 30\text{mm}$$

$$500\text{mm} + 30\text{mm} + 14\text{mm}$$

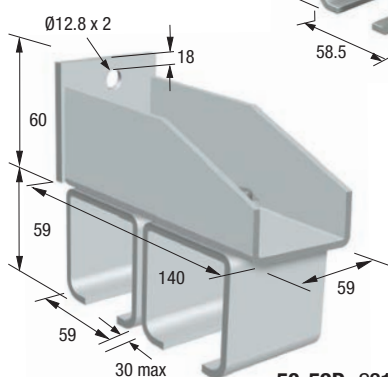
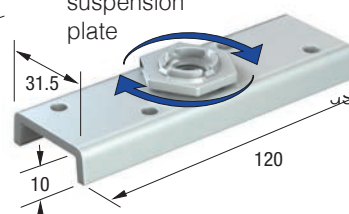
reduction in width **B** = 544mm



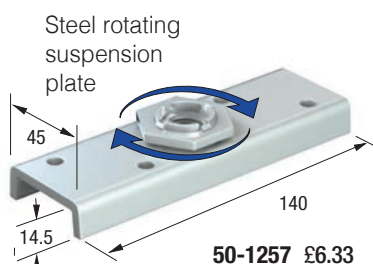
50-58 £6.85
Ceiling/soffit fixing steel bracket for the upper track



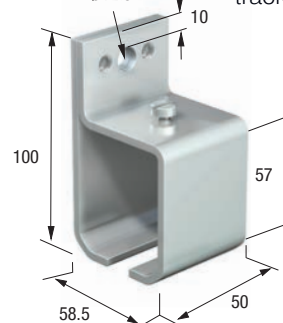
Steel rotating suspension plate



Twin track wall fixing steel bracket for upper track. Maximum spacing 30mm

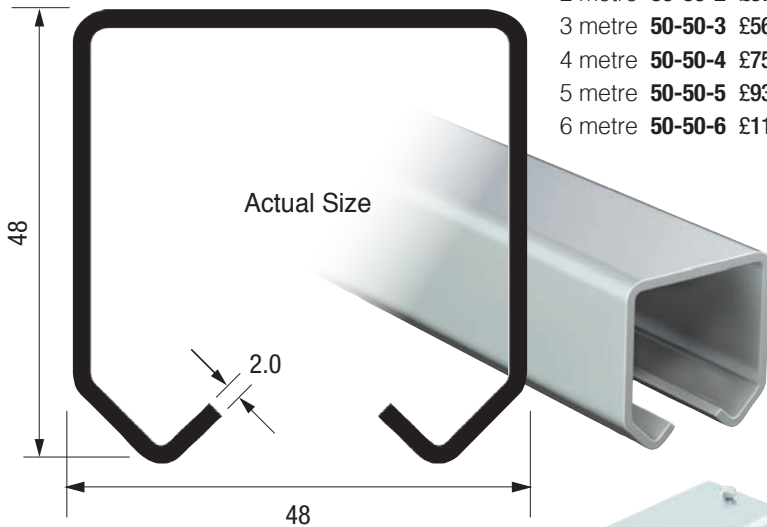


50-59 £7.38
Wall fixing steel bracket for the upper track



Steel Top Track

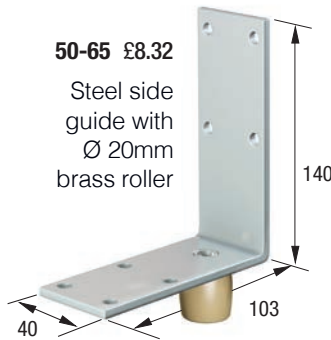
Galvanised steel upper track (pre-drilled)



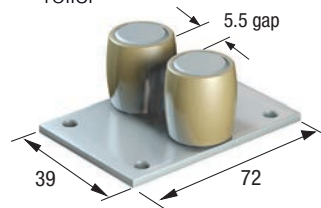
1 metre	50-50-1	£18.76
2 metre	50-50-2	£37.52
3 metre	50-50-3	£56.28
4 metre	50-50-4	£75.04
5 metre	50-50-5	£93.80
6 metre	50-50-6	£112.56



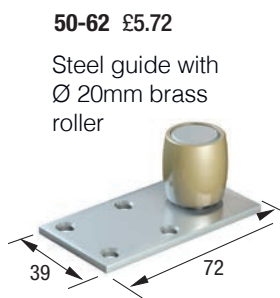
50-61 £11.97
Rotating suspension plate for M12 pin



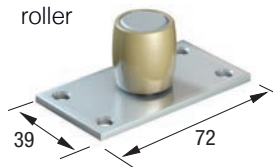
50-65 £8.32
Steel side guide with Ø 20mm brass roller



50-1297 £5.57
Steel guide with twin Ø 20mm brass roller



50-62 £5.72
Steel guide with Ø 20mm brass roller



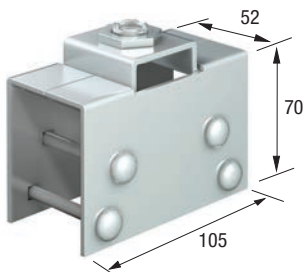
50-63 £5.72
Steel guide with Ø 25mm brass roller

250-1271 £7.73

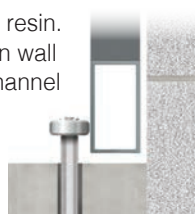


M16 steel pin with Ø 34mm steel roller

50-60 £10.81
Suspension plate for M12 pin. Door thickness 52 - 65mm. Order bolts separately.

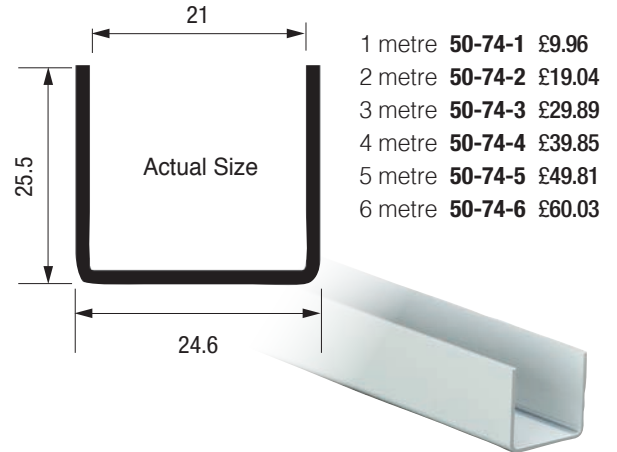


Bottom guide 250-1271 fixed into floor with chemical resin. Door is then guided between wall and roller, no under guide channel is required. Recommended when guide channel is prone to fill with debris.



Bottom Guide Track

Under Guide galvanised steel channel

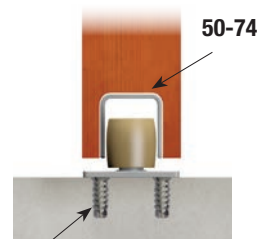


1 metre	50-74-1	£9.96
2 metre	50-74-2	£19.04
3 metre	50-74-3	£29.89
4 metre	50-74-4	£39.85
5 metre	50-74-5	£49.81
6 metre	50-74-6	£60.03

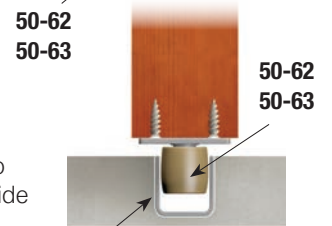
Bottom Guide Options

Typical configurations (suggestions only).

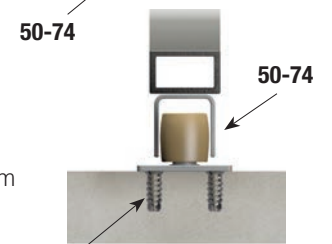
Guide roller fixed to floor with under guide channel recessed into door bottom.



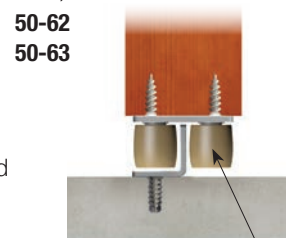
Screw mounted guide roller fixed to door with under guide channel recessed into floor.



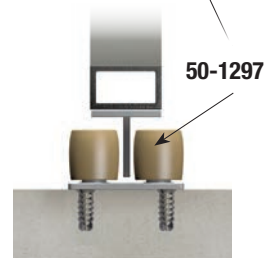
Guide channel fitted to door bottom with guide roller fixed to floor.

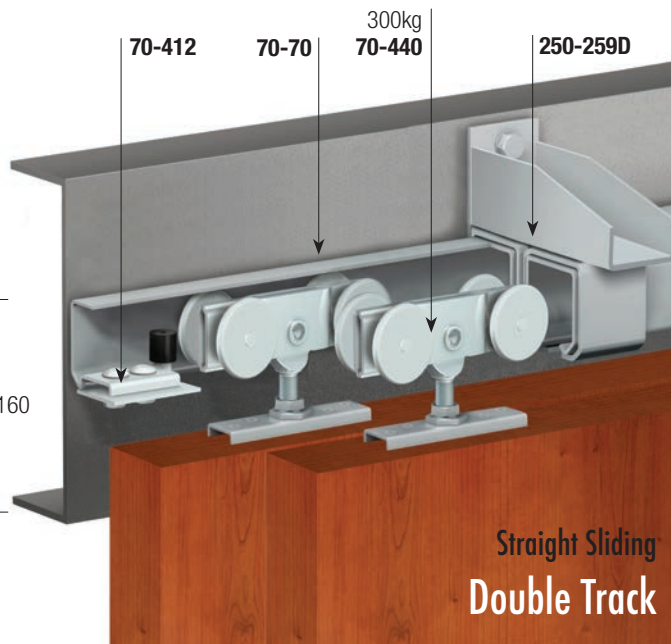
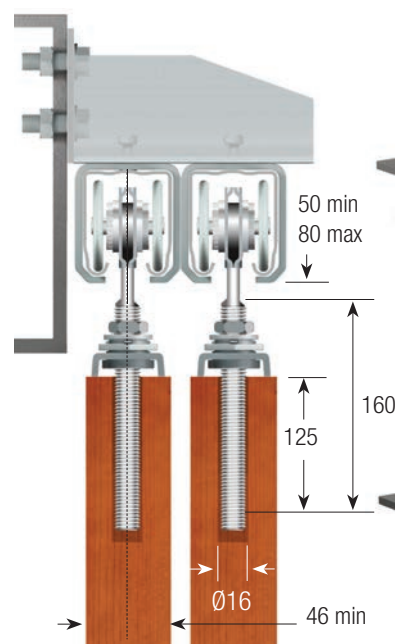
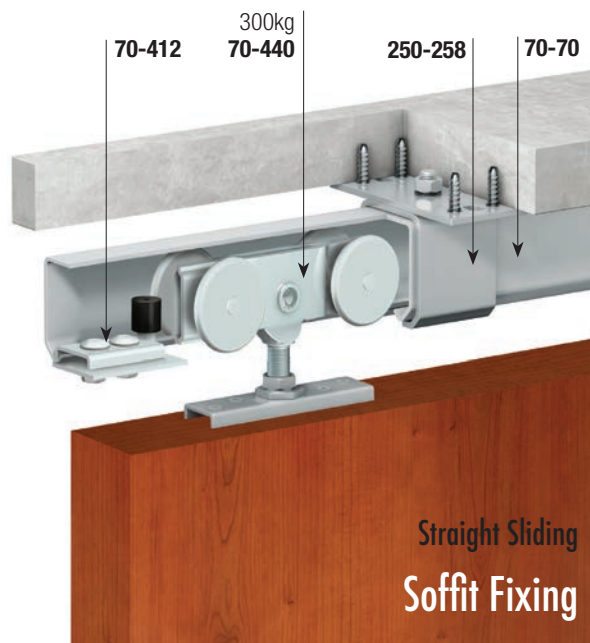
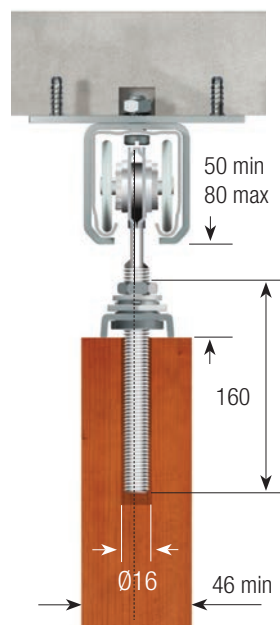
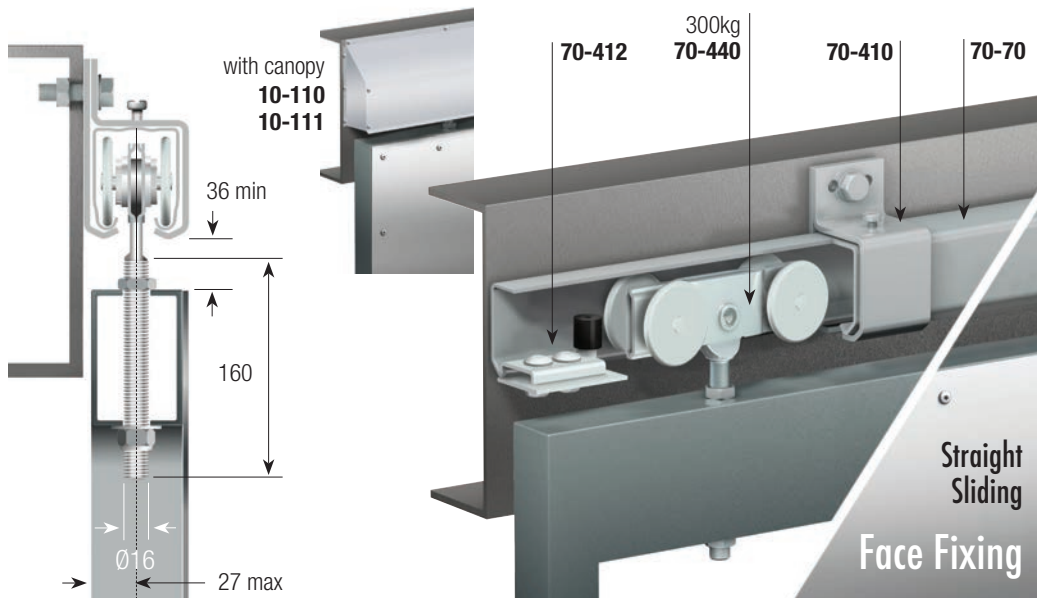


50-76 bottom guide used with fitting with standard angle steel, which can also act as a weather strip.

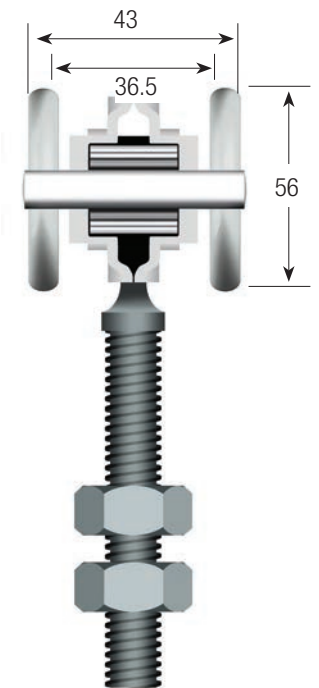


Fitting standard T-section metal bar to door underside and used with 50-76 bottom guide.





Series 70



56mm WHEEL max 600kg

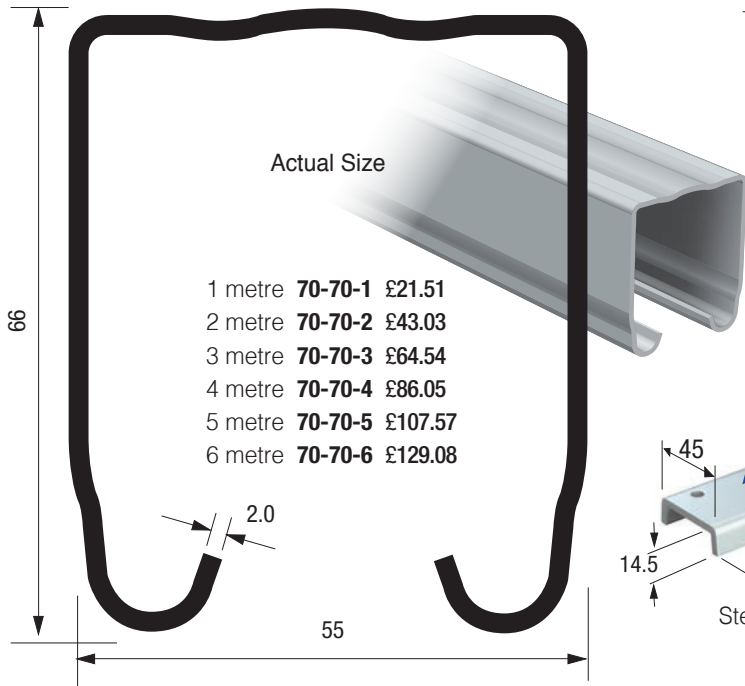
Designed for commercial and agricultural applications such as warehousing, agricultural buildings, stables, etc. The range is designed to be concise and straight forward to assemble. It has the benefit of being compatible with other track profiles in use, making it ideal for extending existing systems.

Series 70 straight sliding systems are suitable for timber or metal doors with a maximum panel weight up to 600kg when using two 300kg 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 a minimum of 600mm and a maximum of 1000mm spacing. Series 70 steel upper track is NOT pre-drilled and will require drilling for soffit fixing whether installing it with or without the use of soffit fixing brackets.

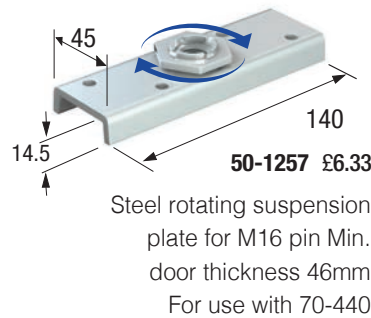
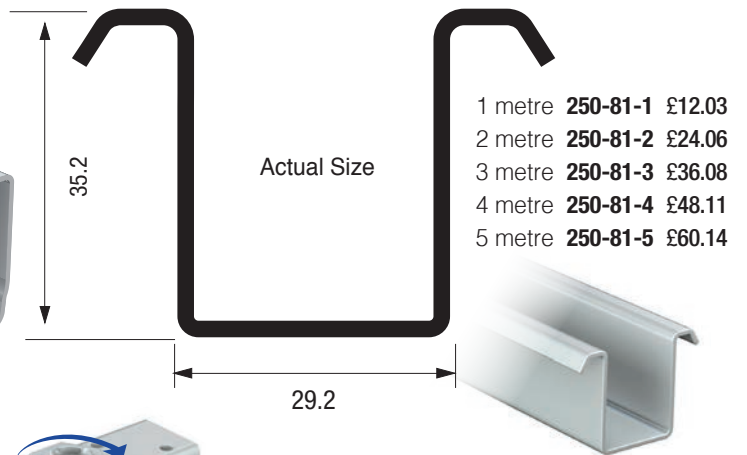
Steel Top Track

Galvanised steel upper track (pre-drilled)



Bottom Guide Track

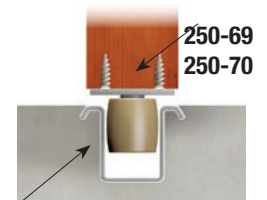
Under Guide galvanised steel channel



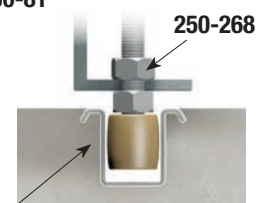
Bottom Guide Options

(Suggestions only)

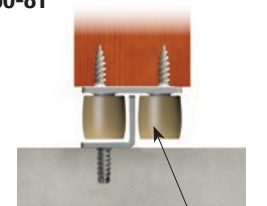
Screw mounted guide roller fixed to timber door with under guide channel recessed into floor.



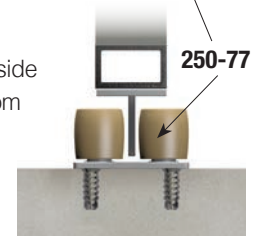
Screw mounted guide roller fixed to metal door.



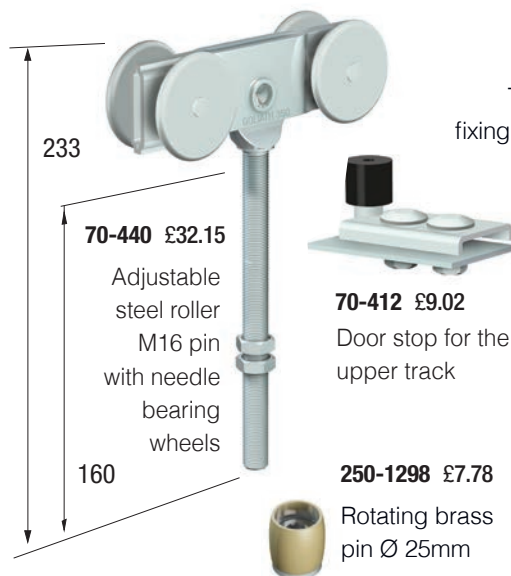
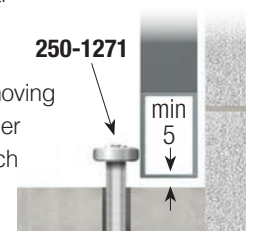
Bottom guide 250-77 used with angle steel, which can also act as a weather strip.



T-section metal bar fitted to door underside and used with bottom guide 250-77.

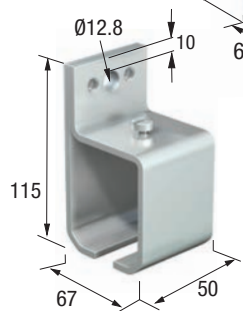
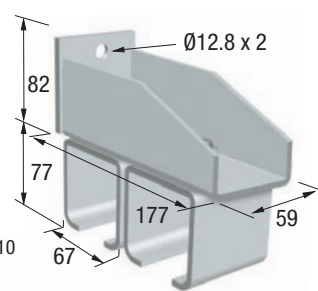


Bottom guide 250-1271 fixed into floor using chemical resin. Door is then guided between wall and roller. Removing the need for an under guide channel, which could be prone to collecting debris.



250-259D £43.19

Twin track with wall fixing steel bracket. Max spacing 33mm

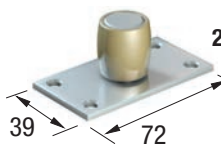


250-1298 £7.78

Rotating brass pin Ø 25mm

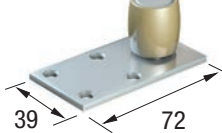
250-70 £7.92

Steel guide with Ø 25mm brass roller



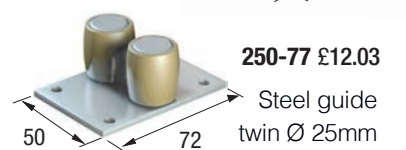
250-69 £7.09

Steel guide Ø 25mm brass roller



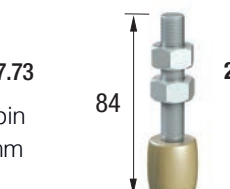
250 258 £9.10

Ceiling fixing steel upper track bracket



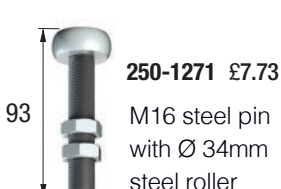
250-77 £12.03

Steel guide twin Ø 25mm brass roller



250-268 £12.18

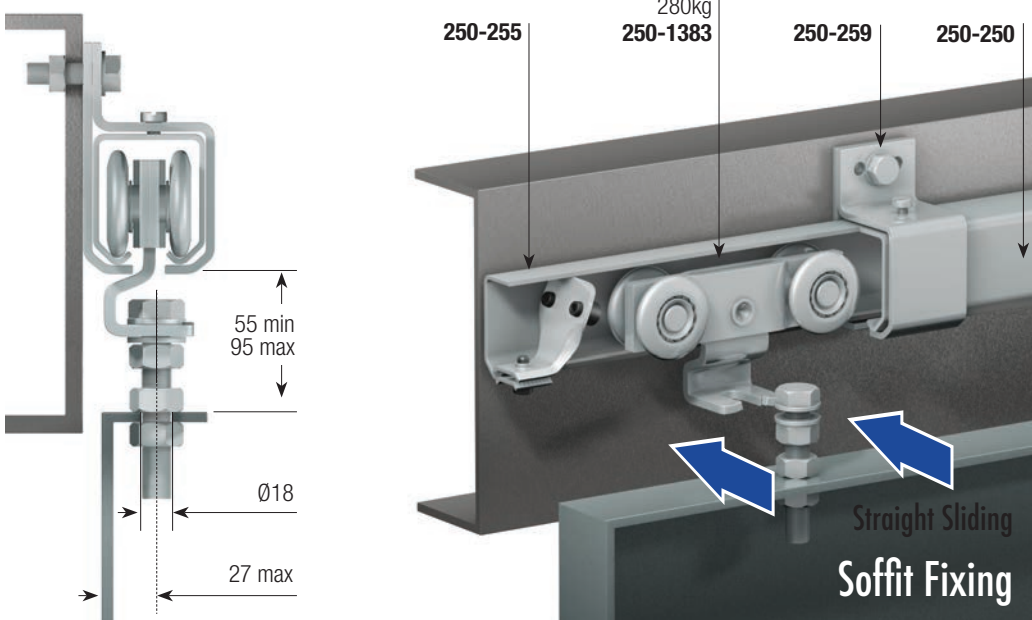
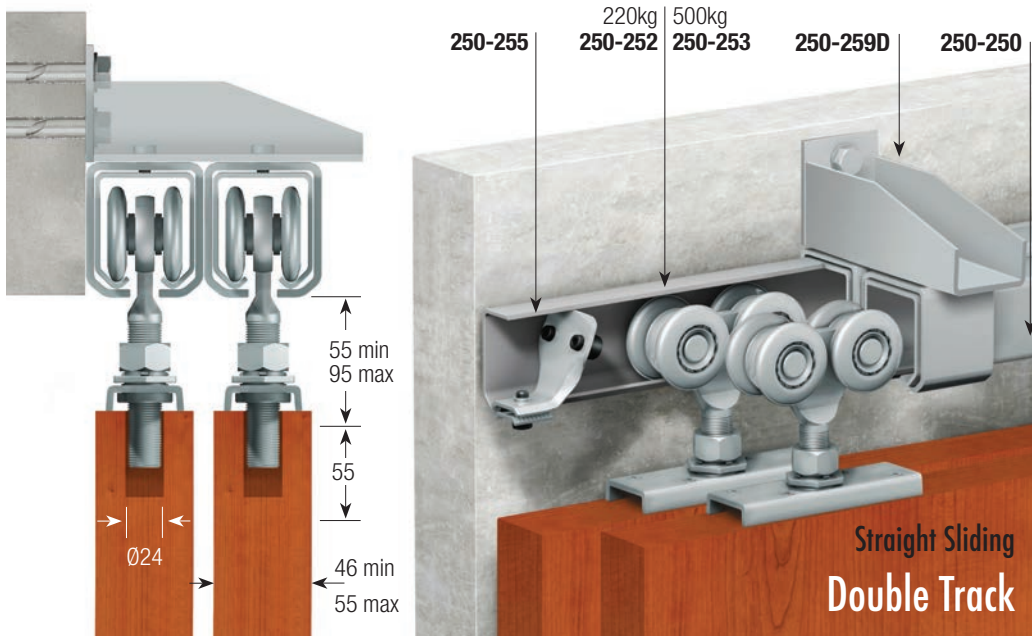
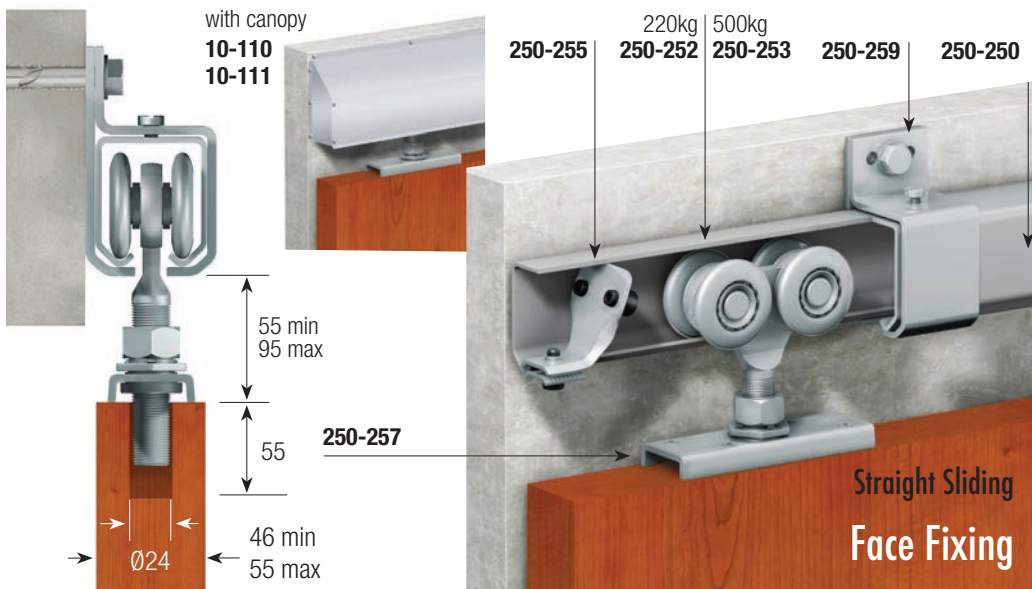
M12 steel pin with Ø 25mm brass roller



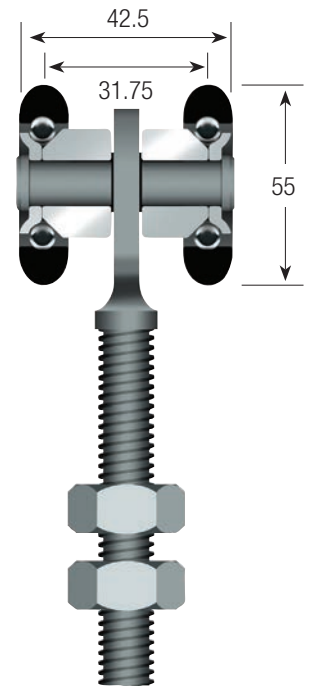
250-73 £12.81

Steel side guide roller with rotating brass pin Ø 25mm





Series 250

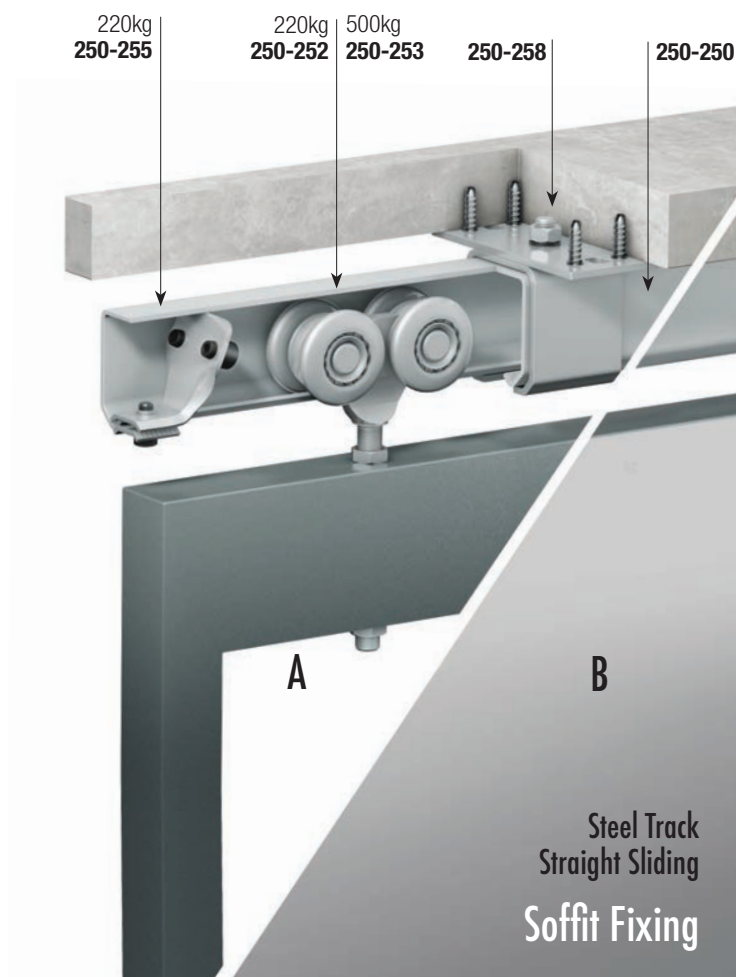
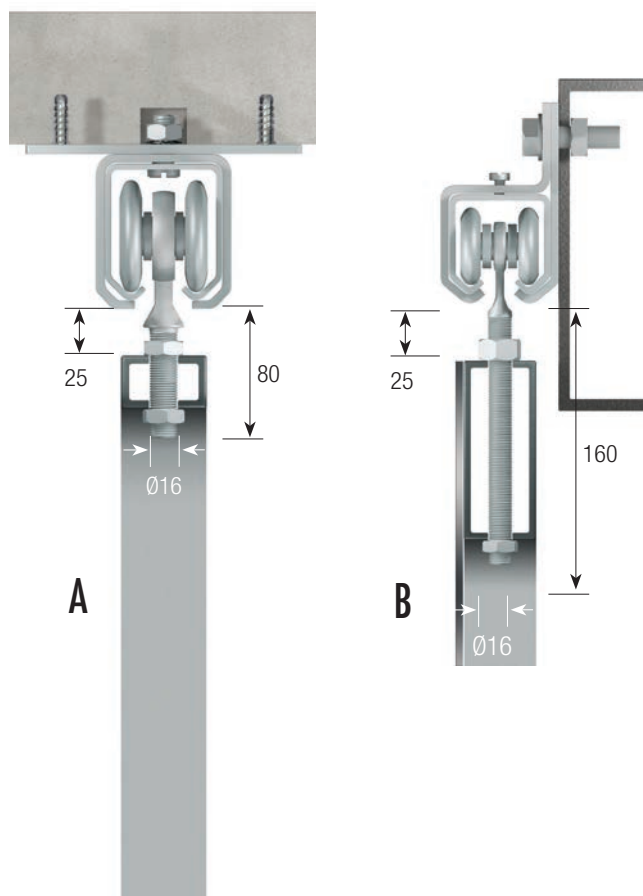
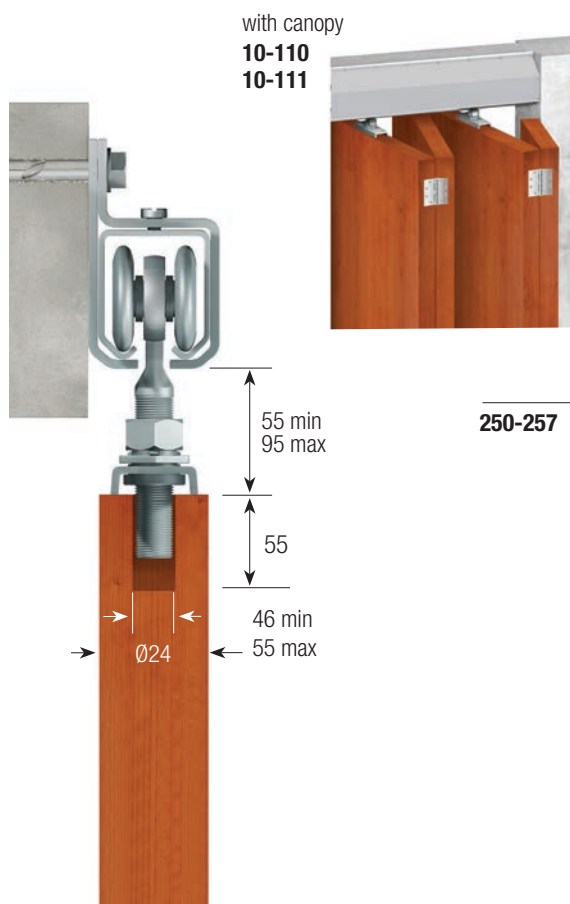


55 min
WHEEL max 1000kg

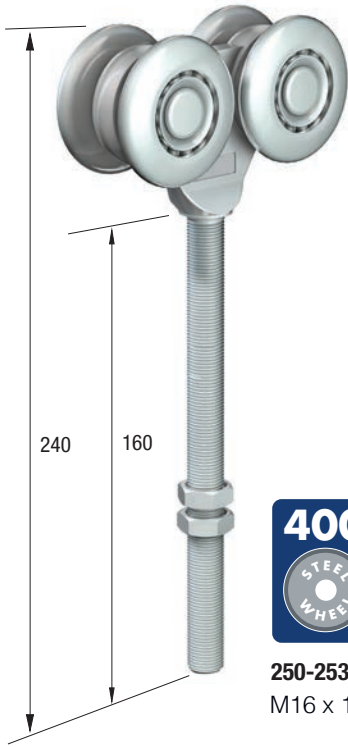
Designed for heavy duty commercial and agricultural applications such as warehousing, agricultural buildings, hangars etc. The comprehensive range of hangers and components offers a smooth gliding system for both straight sliding and folding configurations.

Series 250 straight sliding 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. Generally two hangers are used on each door panel. A third or fourth hanger can be used to increase door weight capacity. eg. using three 250-253 hangers would allow a door panel weighing up to 1500kg to be used.

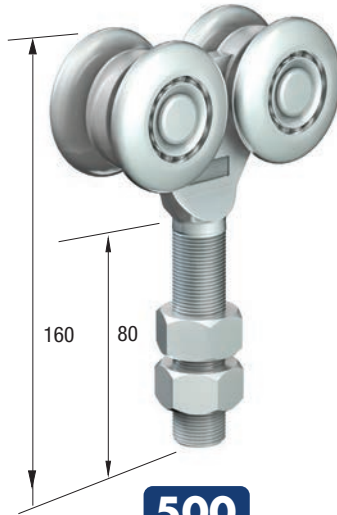
When using upper track support brackets they should be fixed at a minimum of 600mm and a maximum of 1000mm spacing. Series 250 upper track is NOT pre-drilled and will require drilling for soffit fixing whether installing it with or without the use of soffit fixing brackets.



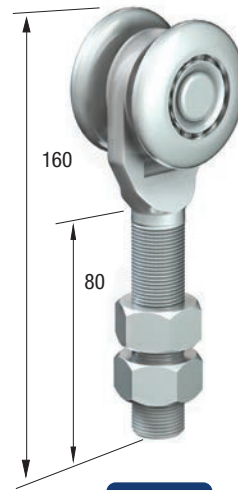
Series 250



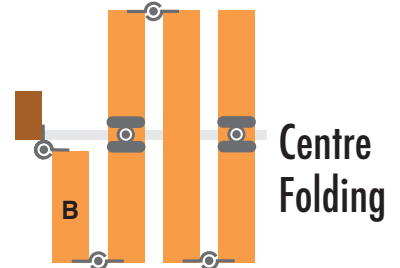
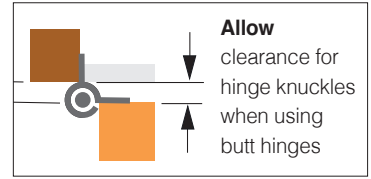
250-253B £50.46
M16 x 160mm pin



250-253 £42.94
M20 x 80mm pin



250-252 £25.19
M20 x 80mm pin



The width of the door panel which is hinged to the frame **B** (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.

Dimension will vary depending on hinge choice.

Example 14mm knuckle

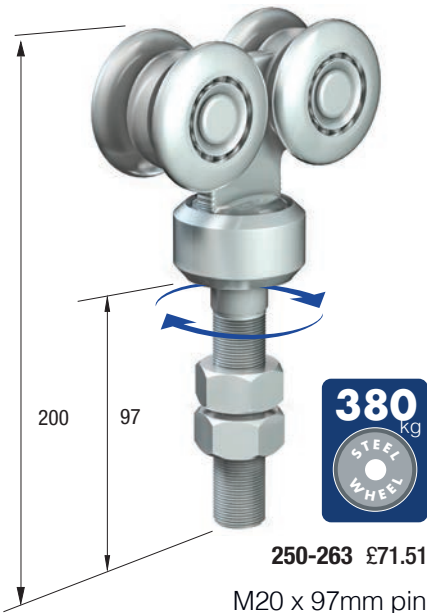
1200mm wide x 80mm thick door

$$1200\text{mm} \div 2 = 600\text{mm}$$

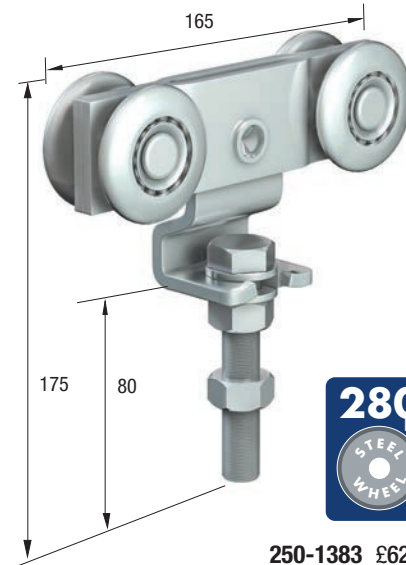
$$80\text{mm} \div 2 = 40\text{mm}$$

$$600\text{mm} + 40\text{mm} + 14\text{mm}$$

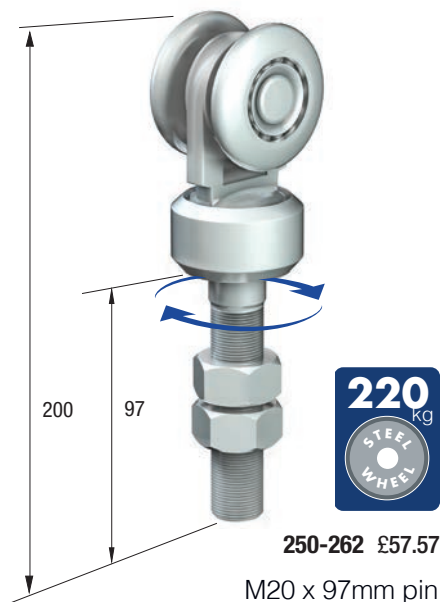
$$\text{reduction in width } \mathbf{B} = 654\text{mm}$$



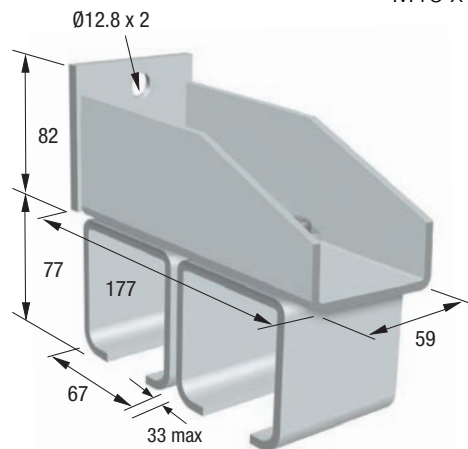
250-263 £71.51
M20 x 97mm pin



250-1383 £62.54
M16 x 80mm pin

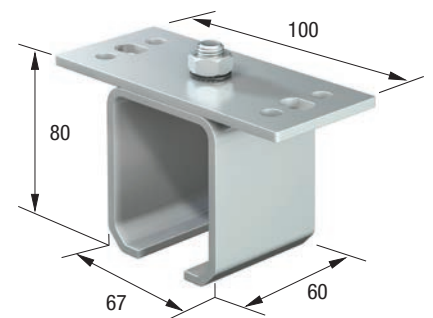


250-262 £57.57
M20 x 97mm pin



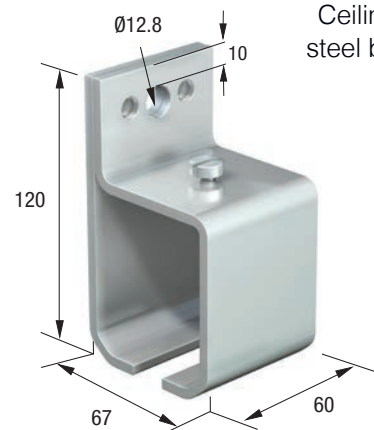
250-259D £43.19

Twin track wall fixing steel bracket for the upper track
Maximum spacing 33mm.



250-258 £9.10

Ceiling/ soffit fixing steel bracket for the upper track

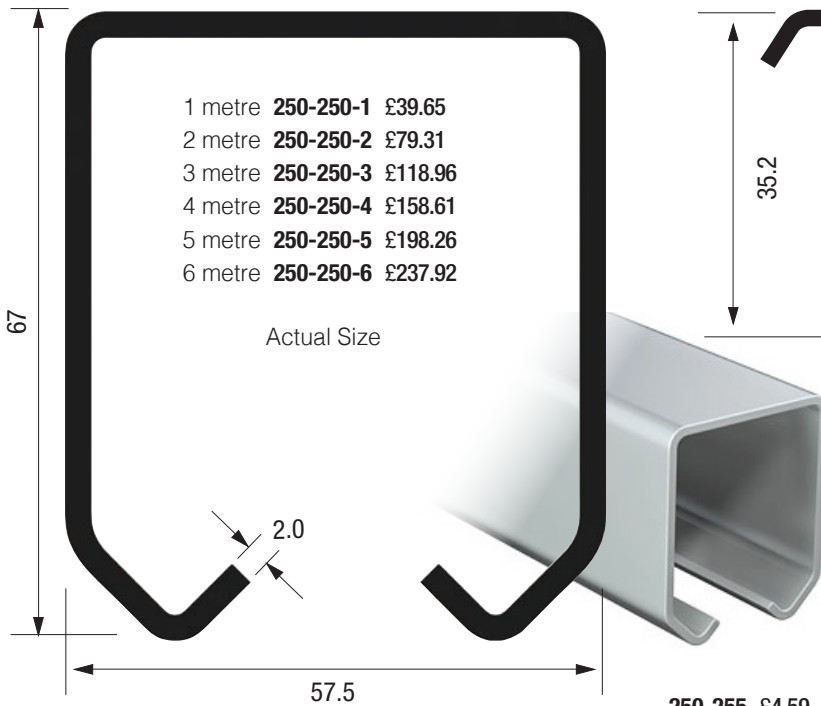


250-259 £12.13

Wall fixing steel bracket for the upper track

Steel Top Track

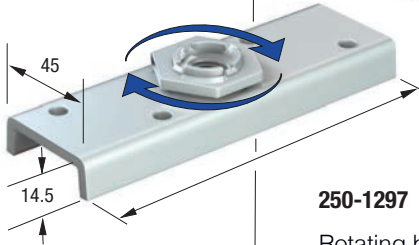
Galvanised steel upper track (pre-drilled)



Steel rotating suspension plate
Min door thickness 46mm

For M20 pin **250-257** £9.14
For use with 250-252,
250-253, 250-262, 250-263

For M16 pin **50-1257** £6.33
For use with 250-253B,
250-1383



250-255 £4.59

Upper
track door
stop



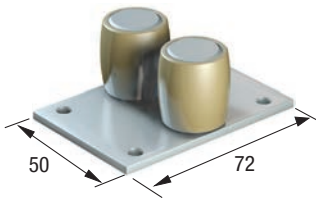
250-1297 £5.57

Rotating brass
pin Ø 25mm



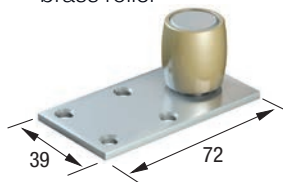
250-77 £12.03

Steel guide with twin Ø
25mm brass rollers



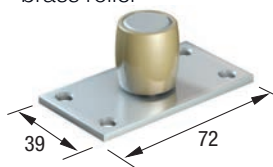
250-69 £7.09

Steel guide with
offset Ø 25mm
brass roller



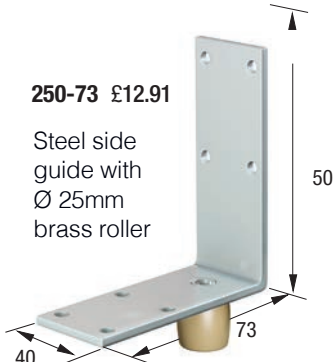
250-70 £7.92

Steel guide with
centre Ø 25mm
brass roller



250-73 £12.91

Steel side
guide with
Ø 25mm
brass roller



250-268 £12.18

M12 steel
pin with
Ø 25mm
steel roller



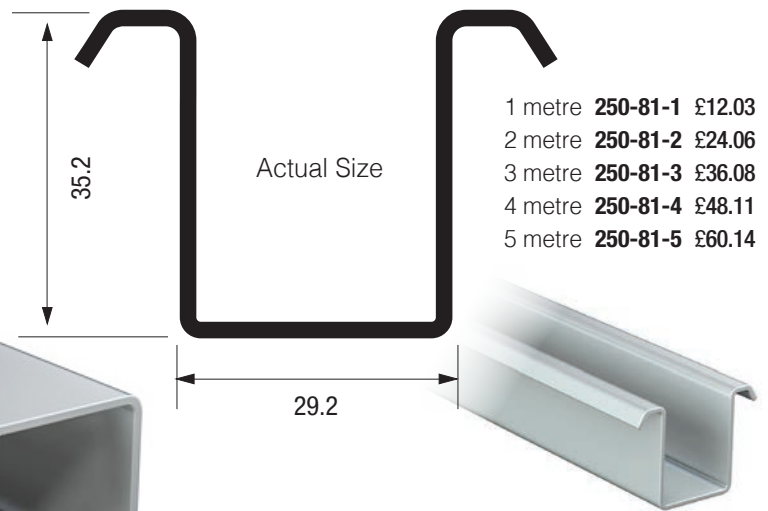
250-1271 £7.73

M16 steel
pin with
Ø34mm
brass roller



Bottom Guide Track

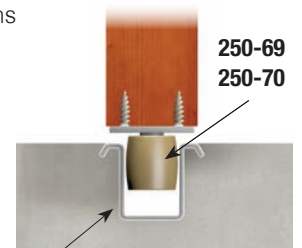
Under Guide galvanised steel channel



Bottom Guide Options

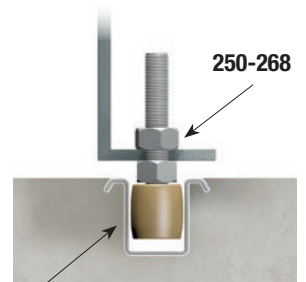
Typical configurations
(suggestions only).

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



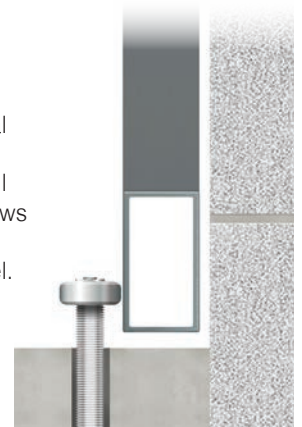
250-81

Screw mounted
guide roller fixed
to metal door.



250-81

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.





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