

INSTALLATION INSTRUCTIONS

Custom Open Rail - Centor A6

Max door weight: 300kg

Max door thickness: 50mm

Max panel height: 4000mm

Max panel width: 6000mm

Select finish required from:

- Zinc
- Bright chrome
- Brushed satin chrome
- Custom powdercoat (e.g. Matt Black)



TRACK

A6 carrier wheels run on lengths of tailor made 50mm x 6mm mild steel bar available with bright zinc plated finish, powdercoat, brushed satin or bright chrome. Lengths up to 6.0m are produced in one piece for powdercoat and zinc finishes while single spans of up to 2.5m are possible in chrome. A bolted splice joins sections together for a longer rail. Side fixing holes are predrilled and safety stops at both ends of the track are standard.

A6 custom made track maximum length = 6.0m (or 2.5m, - chrome) as one piece. Custom made tracks over 6.0m (or 2.5m - chrome) will be supplied as two pieces joined with a splice bar.

When Ordering:

- Specify overall length of track including safety stops
- Nominate if safety stops need to be welded at both ends, one only, or none at all (note: stops are 50mm each)
- Advise finish required
- Specify hole centres, maximum 650mm centres

CARRIERS

A6 carriers are available with the option of fastening to the top or the side of the door panel. In general panels over three metres wide will require three carriers for additional lateral support. The middle carrier should be positioned high so as to avoid it bearing any load.

1. PREP HEAD

Before starting any installation, ensure the head (lintel) is sufficiently strong and rigid. It is important that the track be fitted straight and parallel to the head.

2. MOUNT TRACK

Fit track to head horizontally, using coach screws in all holes provided. Underside of track for top fix carriers should be 34.0mm above the under side of the doorway head (refer A6-001.DXF).

Install track to permit traverse of door to cover the opening.

3. FIX HANGERS

For Top Fix carrier, attach to top of door with 10mm x 50mm coach screws with carrier bracket flush with either end of door stiles. Hook wheels over track and hang door vertically.

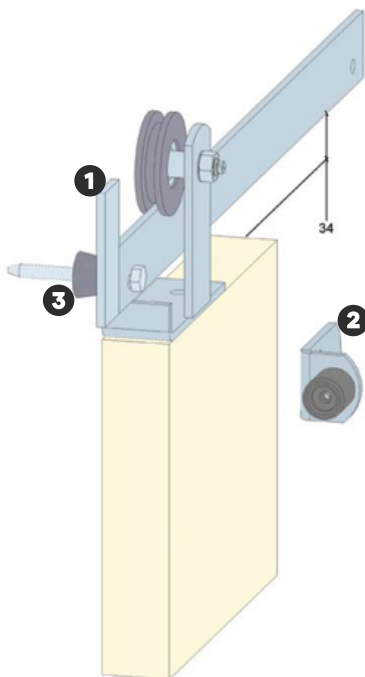
For Side Fix carrier, position the door on packers so the top of the door is 6mm below the track. Hang the carrier on the track, and position for fixing to the door where required.

Mark the door at the centre of the fixing slot. Drill a 10mm hole and insert the cup head bolt with the head between the door and the wall. Fit and tighten nut and washer, securing the bracket to the door.

Check the door operation, and closure to jamb before fixing the door stop with countersunk wood screws.

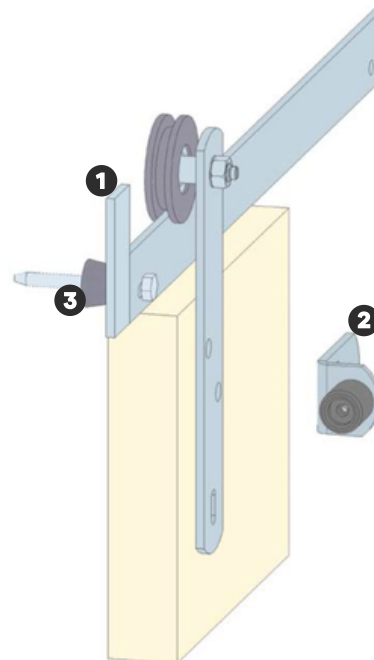
Top fix carrier with Track

- 1 Option 1 - Welded safety stop
- 2 Option 2 - Door stop with buffer - bottom mounted
- 3 Spacer and coach screw



Side fix carrier with Track

- 1 Option 1 - Welded safety stop
- 2 Option 2 - Door stop with buffer - bottom mounted
- 3 Spacer and coach screw



4. BOTTOM DOOR GUIDE

Install bottom roller guide to floor so that the door hangs vertically under the track.

Check guides do not project past the end of the door at each end of the travel. If necessary, adjust door stops.

5. FIT DOOR

- With assistance, lift the door and place the wheel hangers onto the track.
- Ensure the bottom channel engages securely with the bottom roller guide.
- If needed, adjust the door stops for proper alignment during this step.

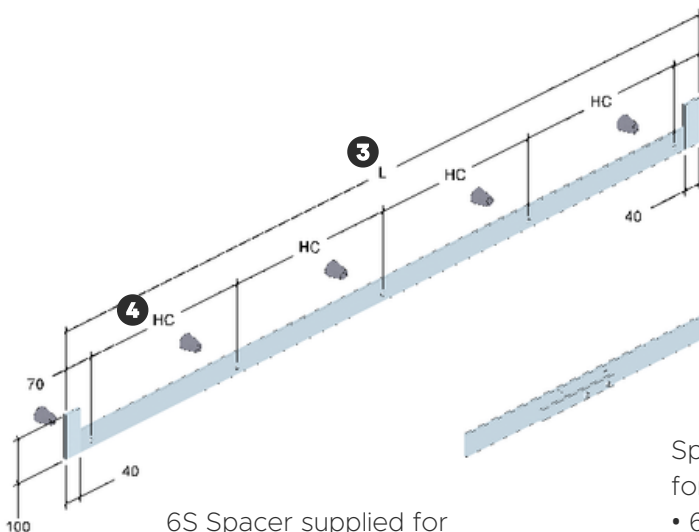
6. ENSURE A 6MM GAP

The most crucial factor is maintaining a 6mm gap from the top of the door to the underside of the track. **1** This is a safety feature ensuring the door doesn't jump off the track.

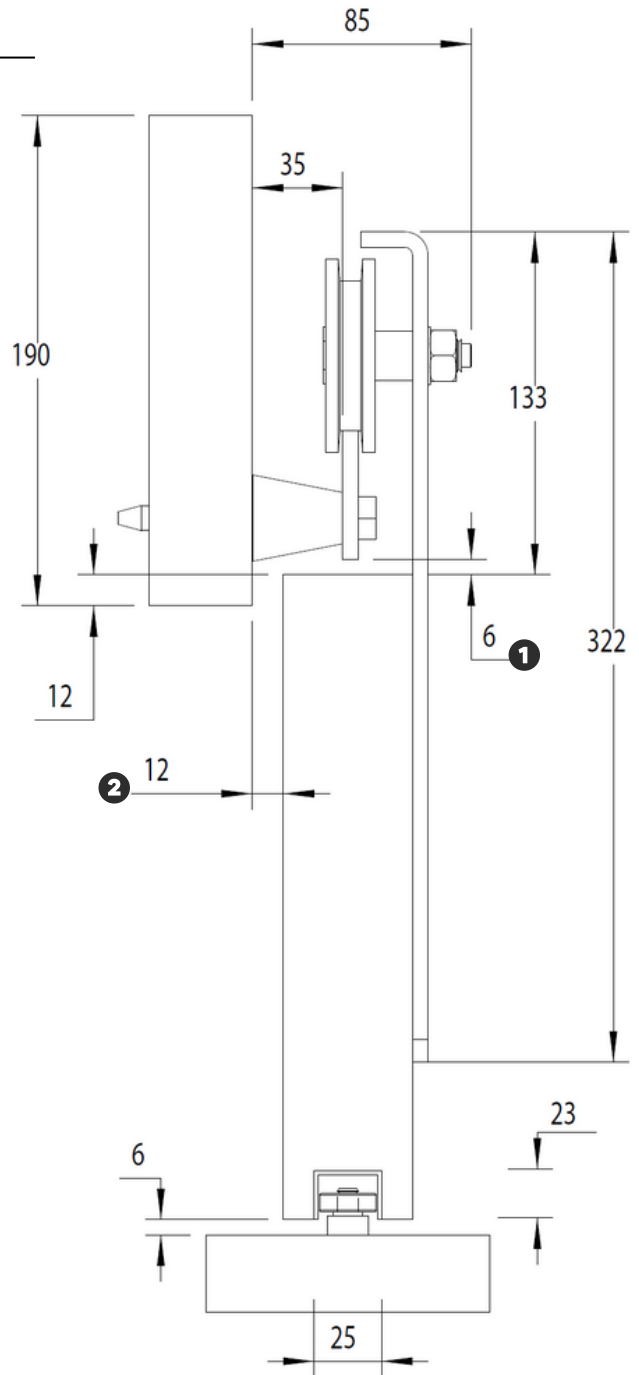
7. DOOR THICKNESS CONSIDERATION

- This drawing on the instructions are designed for doors with a thickness of 50mm.
- For a 50mm thick door, there should be a 12mm gap from the wall to the inside face of the door. **2**
- If your door is thinner than 50mm, be aware that the gap between the wall and the door will be larger.

L = Track length including (2 x 50mm) safety stops **3**
 HC = Fixing hole centres, maximum 650mm centres **4**



6S Spacer supplied for each hole in track with 10 x 100mm hex head coach screw



Splice/Join is supplied with 2 fixing bolts for tracks over:

- 6000mm (zinc and powdercoat)
- 2500mm (brushed satin and bright chrome)