



Installation guide and General information for BarnDoors Standard Track System (up to 80kg door)

- The standard system is designed for a 38mm thick door, 10mm architrave/skirting with an 8 mm clearance between door and arch/skirt.
- Standard hangers are designed to be set back 60mm from the edge of the door styles to enable the track mounted stop placement to be effective, with the door stopping flush with the end of the track.

Track:

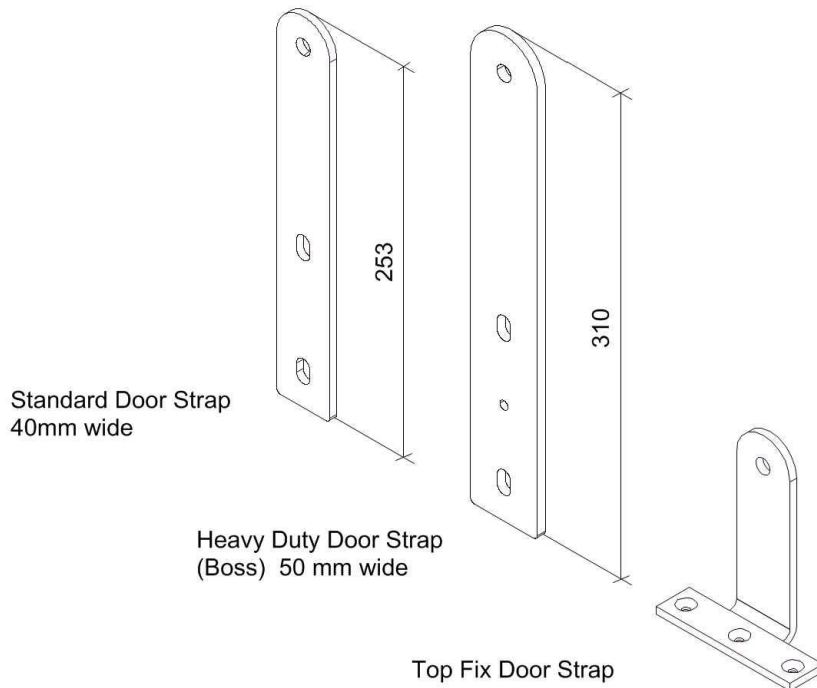
- The standard track is 60 x 10 mm mild steel, powder coated black (a 40*10 "Junior" track is an option for limited space or the ladder application).
- Fixings are at either 300mm or 400mm centres.
- Standard lengths are 1800mm and 2400mm. However most projects are supplied to custom lengths.
- A solid lintel must be provided to achieve solid fixings points on the wall. Alternatively dedicated fixing points can be matched to suit pre-identified Stud positions

Wheels:

- Wheels are turned from high grade acetal plastic and fitted with sealed double roller bearings.
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- Door weight of up to 80kg can be carried confidently. If the door weight is over 80kg refer to the Heavy Duty fixing options.
- When using the Heavy Duty Standoff see fig 8a.
- Note that the 80kg limitation is only determined by the 8g screws supporting the standoffs – the wheels, bearings and other fixings are suitable up to 150kg.

Hangers:

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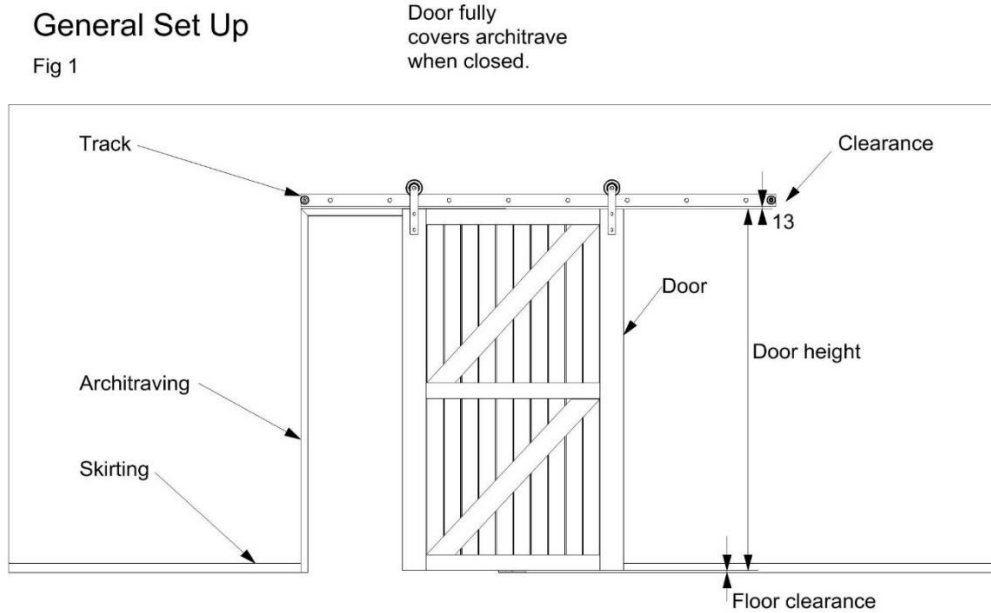


Guide/Stops:

- Different bottom guides will be offered depending on the door size (width).
- As standard, a plastic tee guide is provided for the most applications where the door is under 900mm in width. An aluminum guide is recommended between 900-1200mm.
- If the door is over 1200mm, a Brio Ball Bearing guide with inverted channel is recommended for added stability.
- The guide should be positioned AFTER the door is hung on the track - this will ensure the door is parallel with the wall/arch/skirt, and an even clearance is maintained.
- The floor mounted guide will need to remain engaged throughout the full travel of the door and needs to be positioned to achieve this. Please note that every effort is made to size the door width so that the guide is “hidden but engaged” at all times.

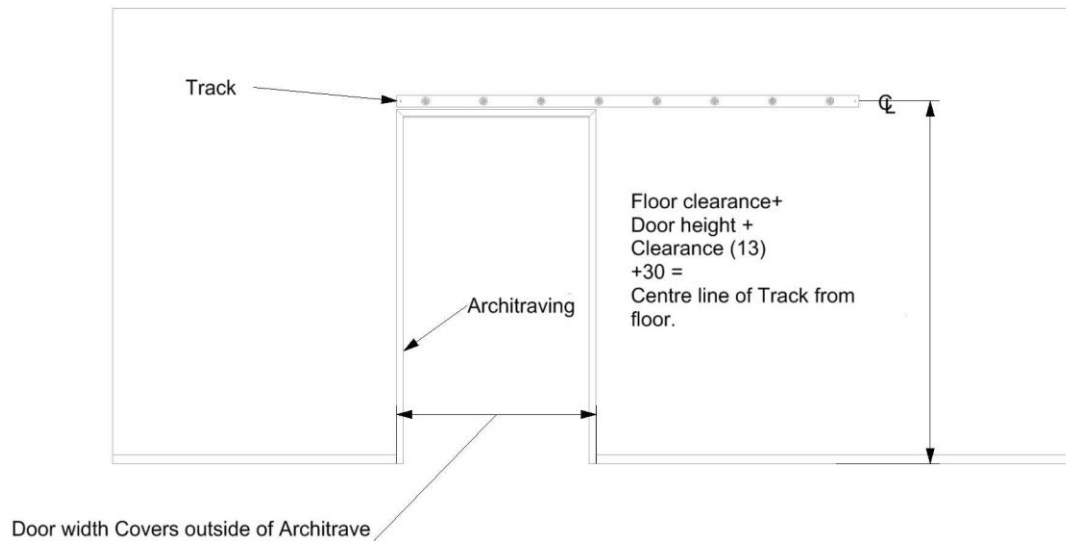
Mounting Track

General set up as shown in Fig.1. Door will ideally fully cover the architraves (top and sides)



Track Fitting To Wall

Fig 2



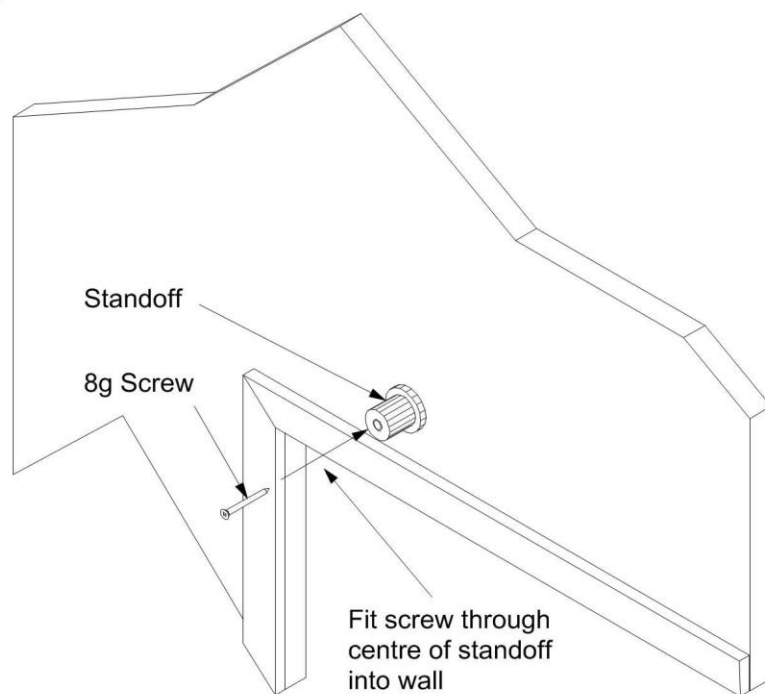
Position track on wall at height as shown in Fig.2. The end of the track should be flush with the edge of the architraving. Also ensure the track is level using spirit level OR that the track is parallel to the floor.

- Mark the hole positions accurately through the holes in the rail excluding the tapped holes (*see note)
- Check the marks are in the centre of the holes.
- Drill 4mm diameter fixing holes.

*NOTE * To make the process easier, mark the positions of the holes onto a piece of architrave (60*10) and use this as a template on the wall (it is much lighter than the steel track)*

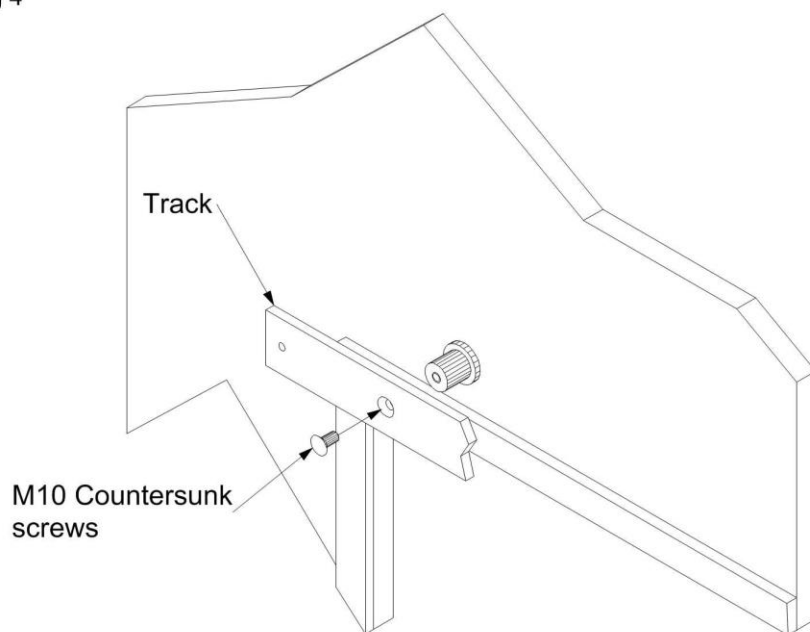
Track Standoff Fitting

Fig 3



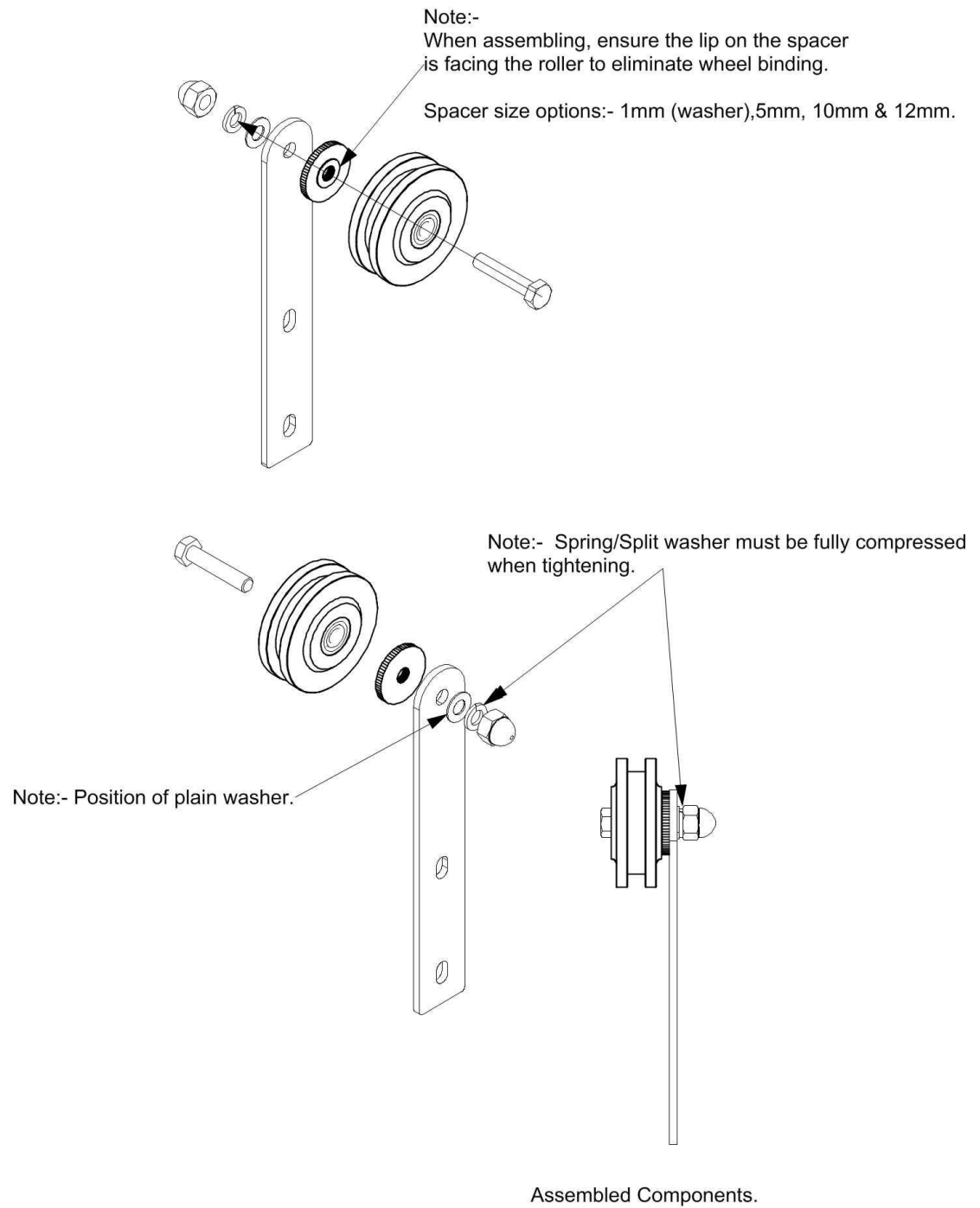
Track Fitting

Fig 4



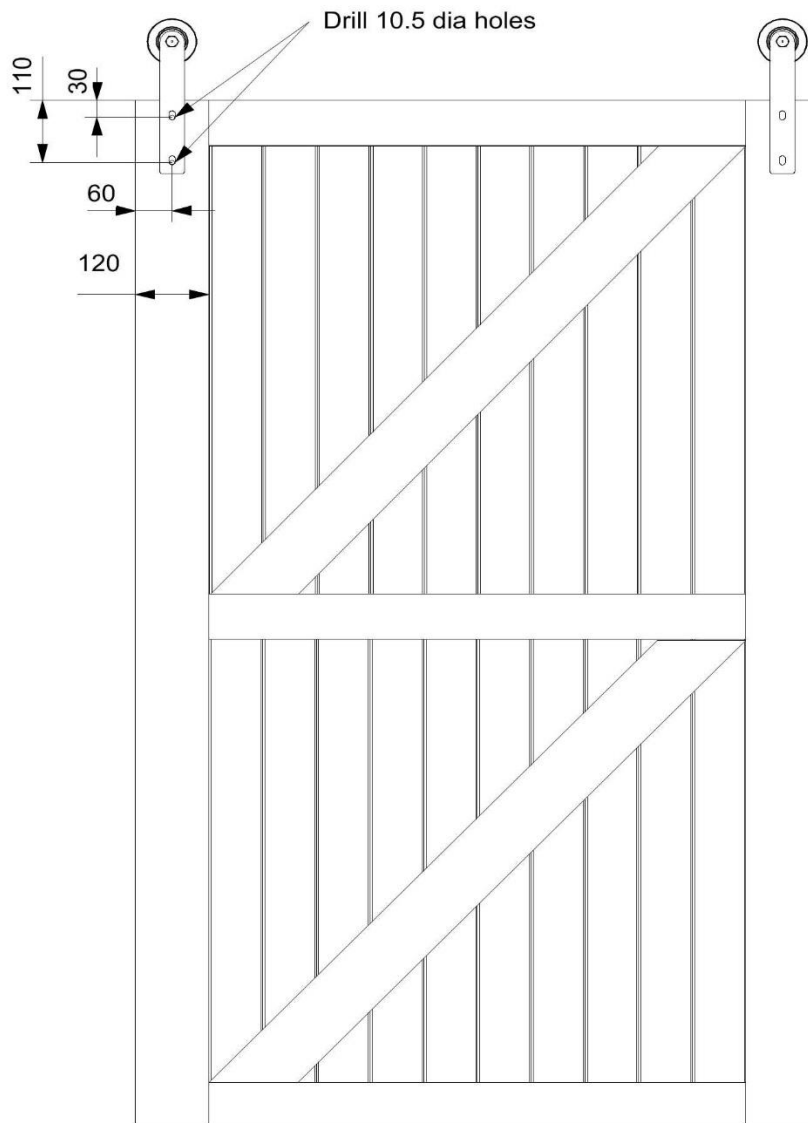
Fix track to standoffs with countersunk screws.

HANGER assembly (including exploded view)



Door Hanger Fitting

Fig 5

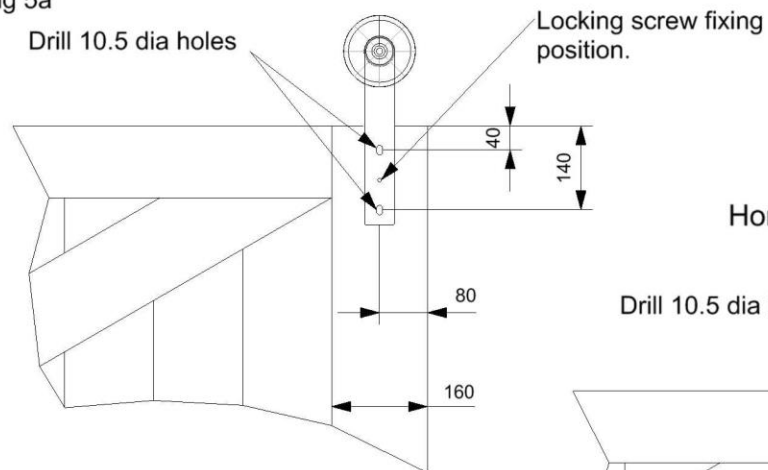


- Position Hanger 60mm from edge of stile
- Secure hanger with the 10mm coach bolts and nuts (make sure the square shank of the coach bolt “bites’ into the door when tightened). The spring washer must be fully compressed against the flat washer on the hanger. Don’t allow the dome nut to “run out of thread” and cause the square shank to rotate – or the roller assembly will work loose.

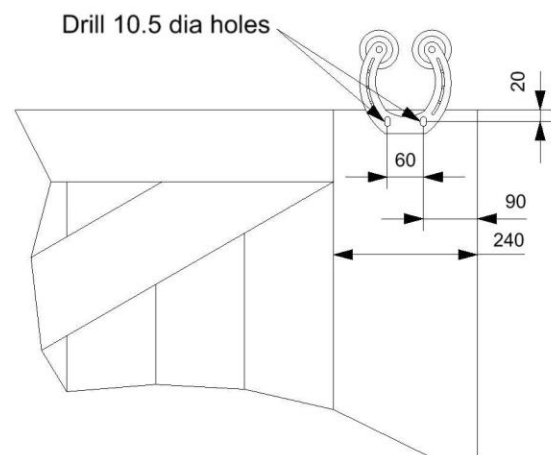
Optional Door Strap fitting.

Boss Hanger Fitting

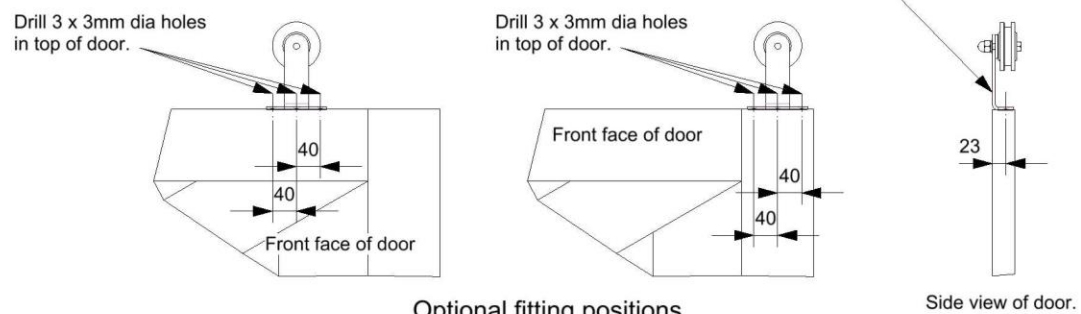
Fig 5a



Horse Shoe Strap Fitting



Top Fix Door Strap Fitting

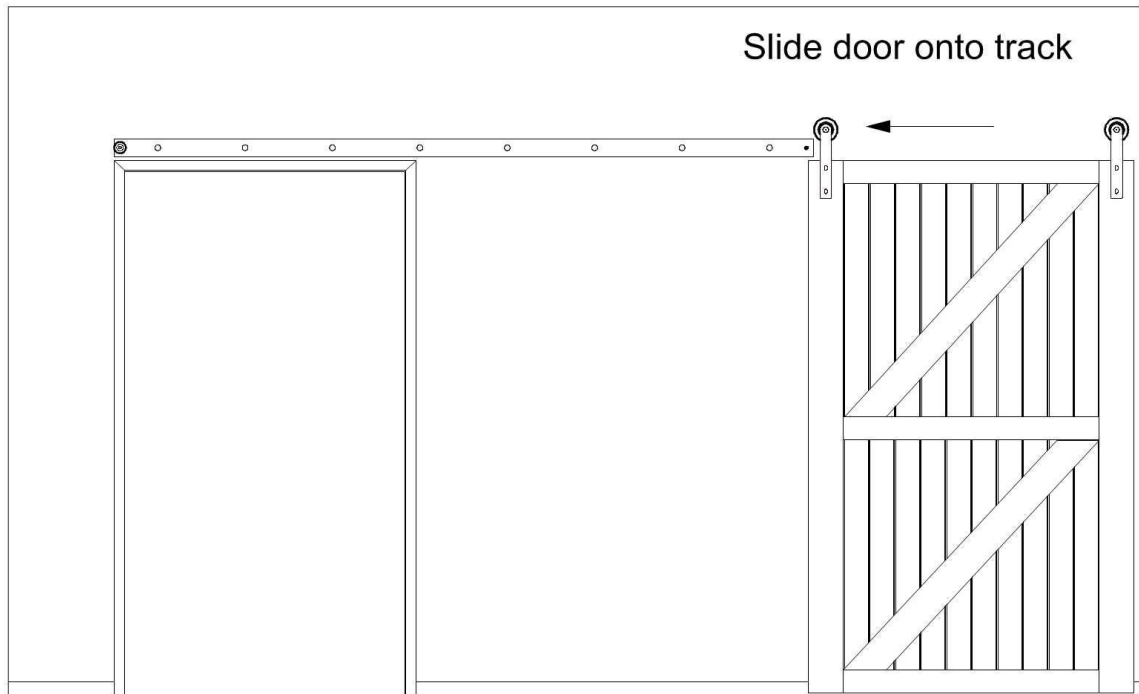


Optional fitting positions

Can be fitted in any position, a skirting or floor mounted stop may be required instead of track mounted stop.

Door Fitting onto Track

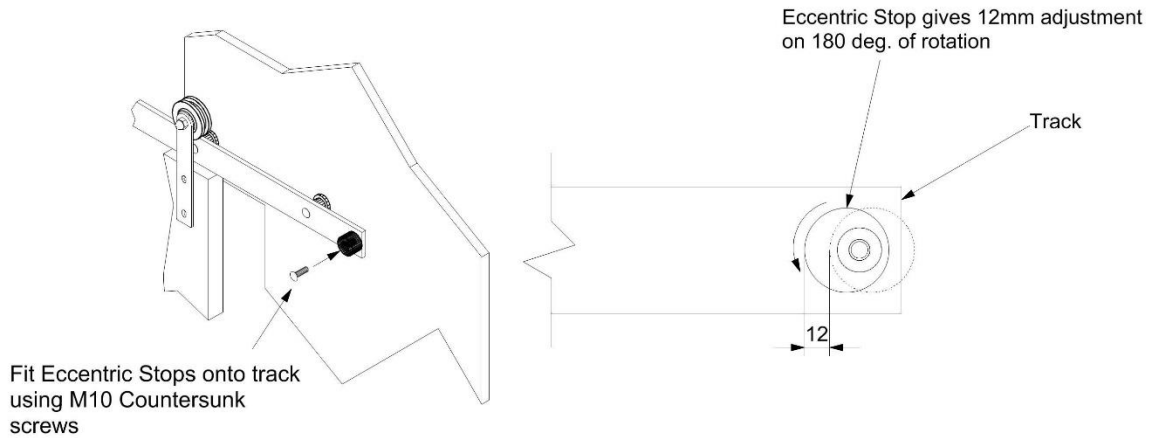
Fig 6



- Slide the door onto the track and carefully bring it up to engage the floor guide
- Adjust the door height with the adjustment on the hanger slots to set the correct floor clearance – *note that up to 7mm of adjustment is available but a 13mm clearance between the top of door and underside of track is required for the softclose coupling pickup if this is being used*
- When fitted the doorset and wheels can be lifted off the track with an upward lift of 8mm. If there is the potential for the door to lift , a disc of 6mm will provide an “anti-jump” solution.

Door Stop Fitting onto Track

Fig 7

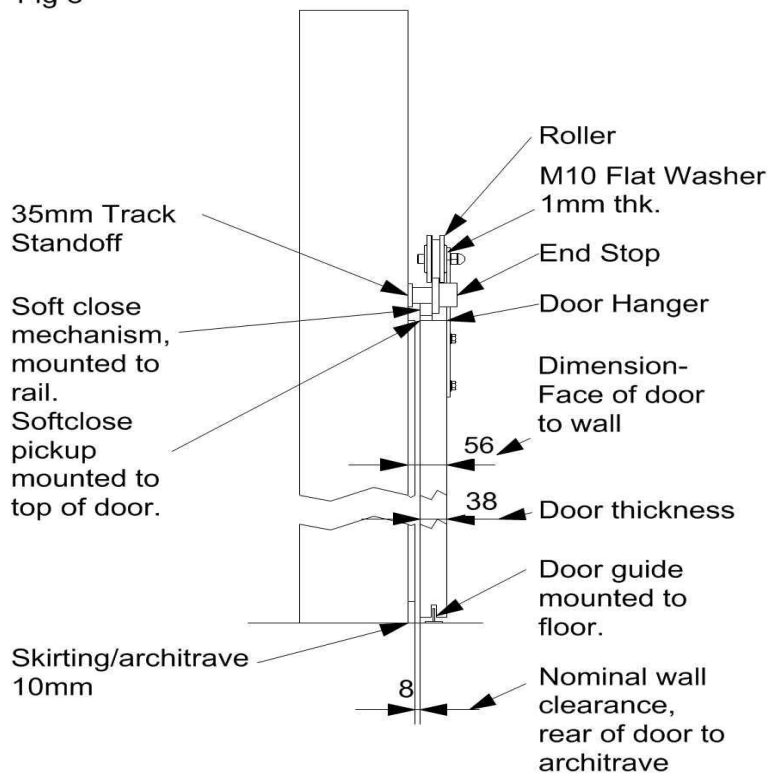


Note –Base Dimensions 56mm (Door 38mm, Skirt/Arch 10mm, slide clearance 8mm)

Door Guide Fitting & Door end view of components.

Base Dimension Reference.

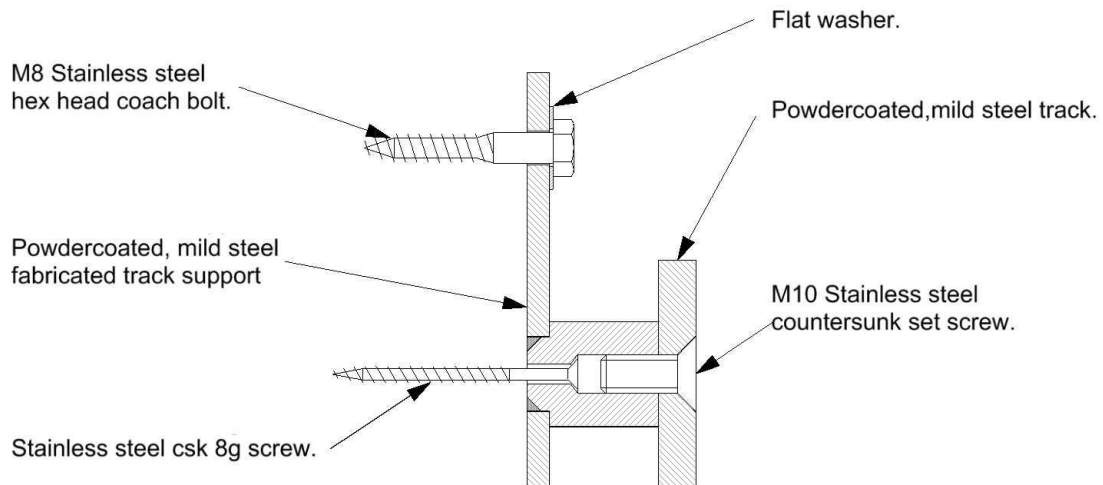
Fig 8



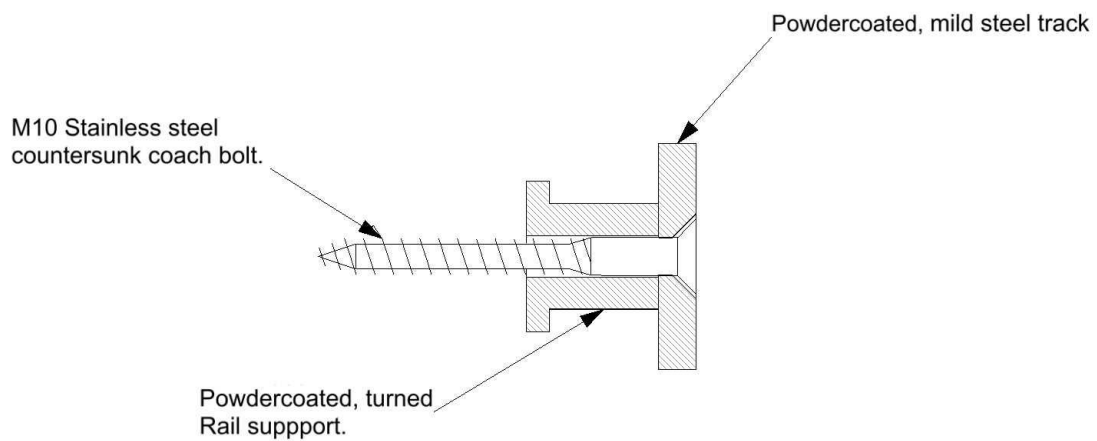
Heavy Duty Fixing for up to (150kg)

Fig 8a

Heavy Duty Fixing (for up to 150kg)

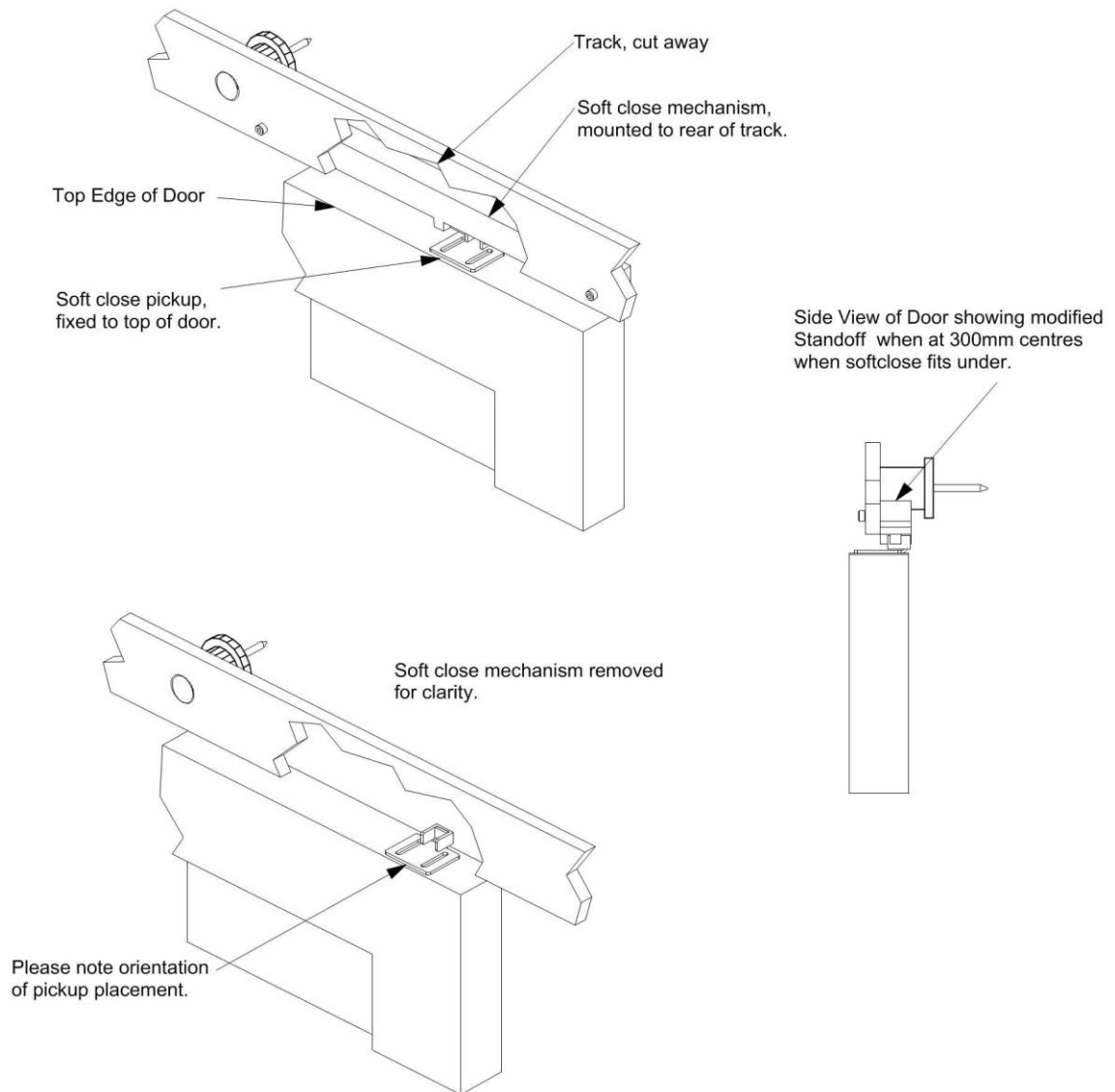


Heavy Duty Fabricated Flange Detail



Heavy Duty Through-Hole Fixing detail

Softclose



PARTS LIST

Standoffs TIDRSSP

Track

Track fixing screws

Track End Stops TIDTS

Trackstop fixing screws

Door

Roller TIDHDR

Spacer- M10 plain washer

Roller retaining bolt

Door hanger TIDDS

Door hanger fixings M10 Coach screws x xxx long

Floor guide Plastic Tee Guide

Floor guide fixings

Soft Close Mechanissm

Soft Close Pick up