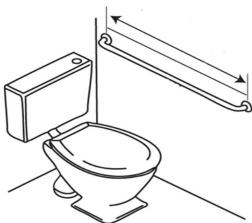


# **Installation Instructions**

# MODEL BT00 - STRAIGHT GRAB RAIL - Clean Seal Flange

AS1428.1 Compliant



### Models:

324 BT00 300 CS - 300mm 324 BT00 450 CS - 450mm 324 BT00 600 CS - 600mm 324 BT00 700 CS - 700mm 324 BT00 750 CS - 750mm 324 BT00 800 CS - 800mm 324 BT00 900 CS - 900mm 324 BT00 1200 CS -1200mm Custom made sizing available on request.

<u>Description:</u> Straight Grab Rail for use in disabled, aged care facilities and home assist use. For lengths over 1200mm a centre support bracket is included for extra strength.

<u>Materials:</u> 304 Grade No 4 Finish Satin Stainless Steel (324). Also available in No 9 Finish, Mirror Polished Stainless Steel (329). 76x3mm Concealed Flange.

# To meet requirements of AS1428.1

- 1. Install at height of 800-810mm to top of rail from floor level.
- 2. Fixings need to be able to withstand a force of 1100N applied at any position and in any direction. (Note: Fixings not included)
- Clearance between grabrail and the adjacent wall surface or obstruction shall be not less than 50mm or more than 60mm.

It is very important that a spacing block is utilised behind the rail to ensure that the rail is parallel to the wall surface as wall surfaces and squareness can vary. This can be adjusted on installation by an experienced tradesperson. The wall to the inside of the rail is 55mm on standard Bendtech Rails.

Note: To the extent permitted by law Bendtech does not provide any warranty in relation to bolts, screws or other fasteners provided with Bendtech products. You should obtain appropriate advice from a licensed trade person before affixing or installing.

# **CleanSeal®**

# Installation Instructions

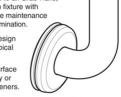
#### Introductio

The CleanSeal® Flange System is factory fitted to all Grab Rails, engineered to provide a high structural strength fixture with 'hygienically mounted' Flanges to promote simple maintenance and significantly inhibit build-up of bacterial contamination.

These attributes are further enhanced by the design of its quality components and by the ease of typical installation.

CleanSeal® Flanges can be fitted to any flat surface and fixed to: Timber-stud Walls, Solid Masonary or Cavity Wall applications, using appropriate fasteners.

You should satisfy yourself as to the suitability of the fasteners provided or obtain appropriate advice and assistance from a licensed trade person before affixing or installing any Bendtech® products. Any publication or instructions relating to the products and fasteners are intended as an aid only and not as a substitute for professional judgement.



## Installation

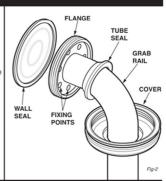
#### Step 1

#### **Disengage Flange Covers**

Unscrew and pull away each of the Grab Rail Flange Covers and the Tube Seals to reveal the flange fixing points.

**TIP:** Slide the Covers along the Rail, well away from each Flange and use adhesive tape to hold the Covers in place.

Fig-2. Shows all components and features of the CleanSeal® System

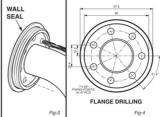


# Step 2

#### Position Rail & Spot Drill

Fit the Wall Seals to Flanges and offer the Grab Rail into position, selecting two diagonally opposed fixing points, then use the Flange as your guide to spot-drill the Wall surface.

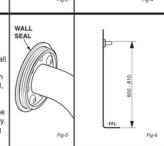
Put aside the Rail and then prepare your marked positions to suit the type of fastener being used.



#### Step 3

#### Fasten Grab Rail to Wall

After hole preparations, ensure wall surfaces are smooth and clean. Fit Wall Seal to Flange then begin by loosely fitting Grab Rail to wall, ensuring all fastners in both Rail Flanges are started and properly engaged. Finally, tighten-down the fixing screws - evenly and securely. Recommended screw size should be 10g x 50mm Pan Head.



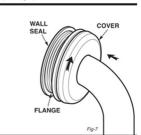
Note: To conform with AS 1428 horizontal rails are to be installed so that top of rail is located at 800-810mm above Floor. (see Fig-6)

# Step 4

#### **Engage Flange Covers**

After all fixing is completed, wipe down the wall area and along the Grab Rail to obtain a clean finish free from dust and dirt.

Slide the Cover over the Grab Rail and whilst firmly pushing the Cover, screw Cover onto the Flange until it makes contact with the Wall Seal, then apply a further - 1/4 turn.



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