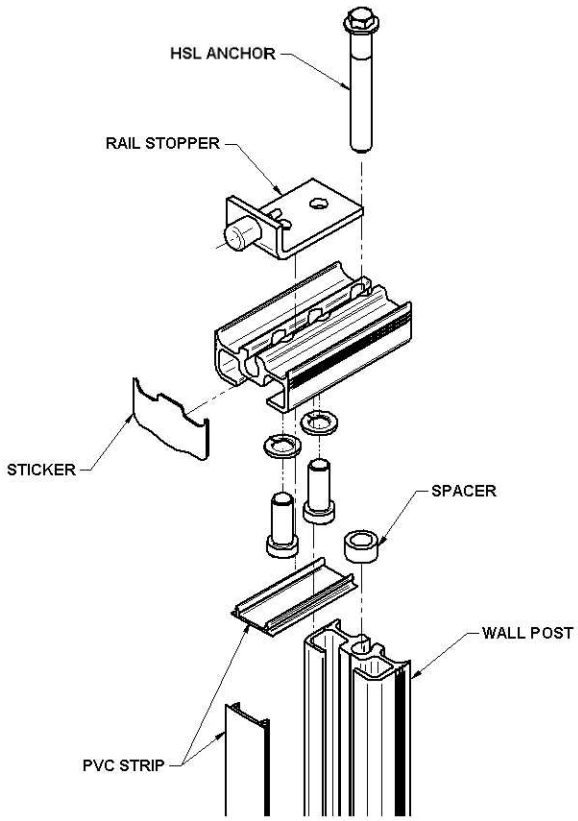
INSTALLATION PROCEDURES
WALL POST FOR H RAIL #700.12900

STEP 1: TOP BRACKET INSTALLATION

1. Install the rail stopper and the bracket on top of your wall post and fix them with a HSL anchor and a spacer.
2. Tighten the two bolts with a torque wrench at 15 lb.ft.
3. Use the wall post sticker to cover the front of the bracket.
4. Insert the PVC grey strip onto the wall post to hide the bolts. Cut it into the right length.



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241 38 Eslöv
SWE DEN

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STEP 2 – WALL POST INSTALLATION
(The installation shown below represents structures with gypsum ½ " to ⅝" thickness)

1. Adjust the length of the post according to the height of the rail (let 9.5mm spacing between the ceiling and the top of the rail.
2. Cut the post into the right length.
3. Mark the position of the anchors on the post. (Fig. 1)

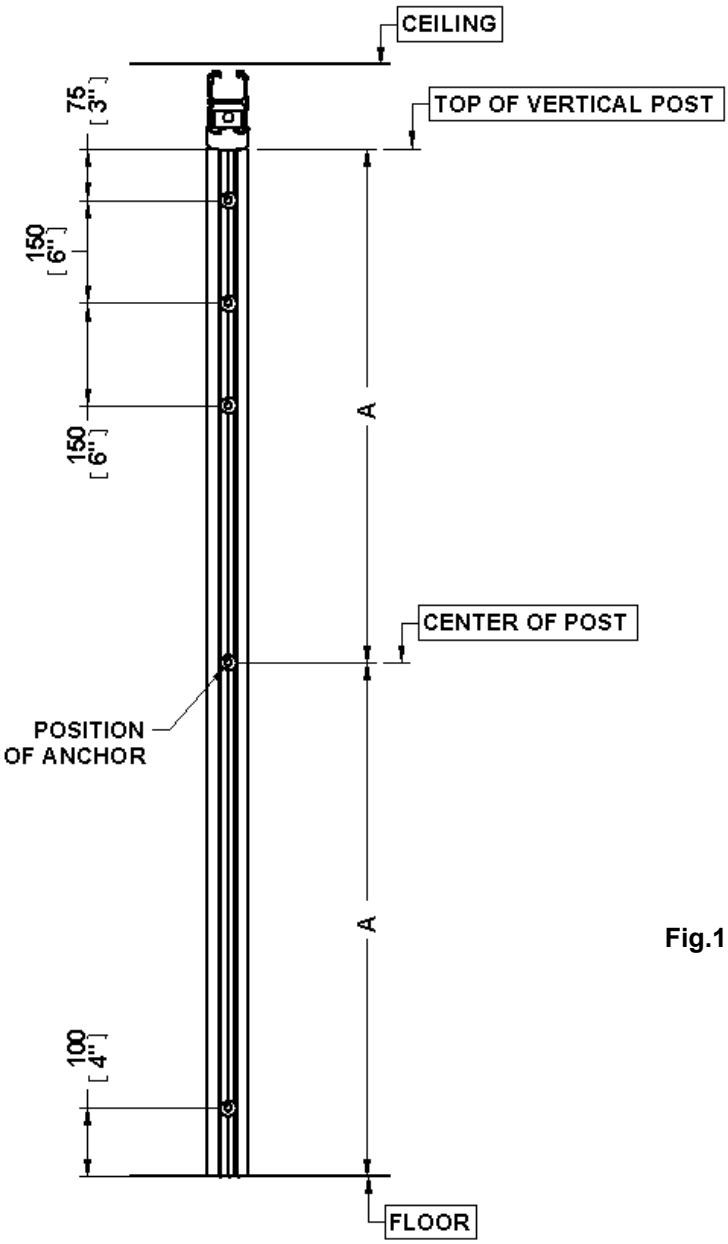

Fig.1

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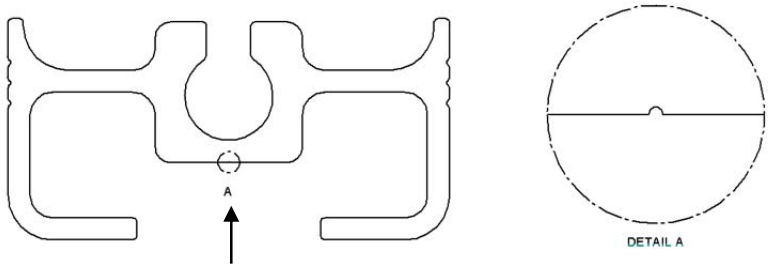
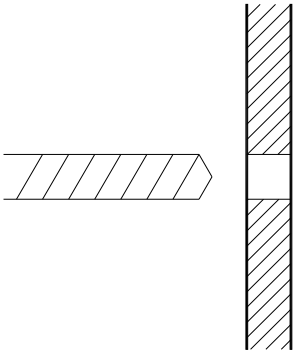
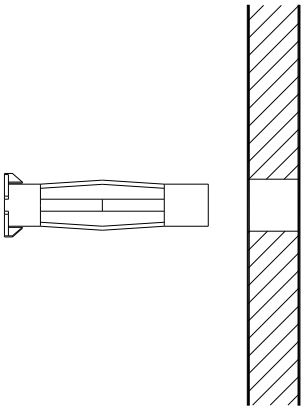
4. Drill a 6.3mm (1/4 in) hole into the post for each mark. Note: to center the hole, align the drill bit with the tiny line in the middle of the post. *Note: for a concrete wall, drill a 10 mm (3/8 in.) hole.*



5. Use the post to mark the position of the anchors on the wall. The post must be upright and level.
6. Drill 13mm (½ in.) diameter holes into the wall to insert the anchors (lag bolts for wood or anchors HDI for concrete, according to HILTI specs) depending on the type of structure.



7. Insert the anchors supplied (Part #000.00660) with the installation kit.



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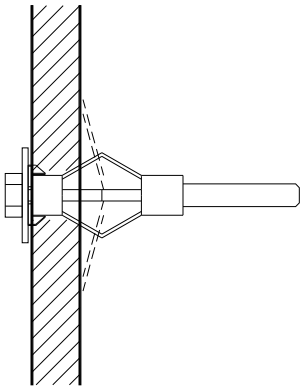
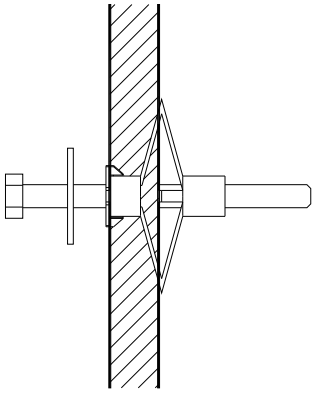
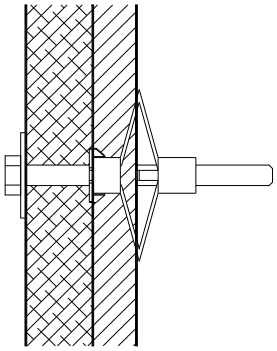
8. Insert the washer and the bolt into the anchor, tighten until the anchor expands. Remove the washer and the bolt. Install anchors in remaining holes by repeating the same steps.

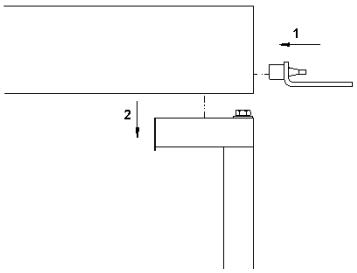


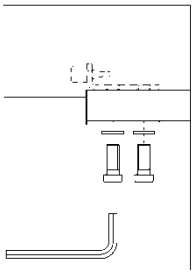


9. Position the post on the wall and make sure to align it with the holes.
10. Insert bolts and washers into the holes and screw tightly.



11. Use a level to ensure that the post is vertical.
12. Insert the PVC grey band onto the wall post to hide the bolts. Cut it at the right length.
13. Insert the end stopper into the rail.
14. Put down the rail on the wall posts.
15. Tighten the screw into the end stopper in order to fix the rail to the post.





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STEP 3 – TEST PROCEDURE FOR WALL POST

Important Notice

The installation of the post with anchors must be done according to the Building Code and regulations applied in your area.

The support and the rail must be maintained and tested according to the manufacturer standards and regulations applied. See safety standards for maintenance and inspection of gantry cranes, monorails, hoists and trolleys. For Canada use the CAN/CSA B167-96 Standard, for USA the ASME series B30, for Europe the 98/37/CE Standard.

Verify with your representative or distributor for Test Services.

Material required:

- 1 portable trolley
- 1 winch

1. Insert the trolley into the rail by removing the end stopper or the ceiling rail of the wall post.
2. See Table 1 for the weight required (1.25 x weight capacity by unit).

TABLE 1: Weight Required for Test Load

Lift unit – safe working load (s.w.l.)	Max. weight load testing (kg-lb)
200 kg (440 lb)	250 kg (550 lb)
270 kg (600 lb)	340 kg (750 lb)
360 kg (800 lb)	450 kg (1000 lb)
450 kg (1000 lb)	570 kg (1250 lb)

3. Apply the weight load to trolley.

Note: For security reasons, ArjoHungleigh advises not to lift weight more than 1-2 inches from the floor.

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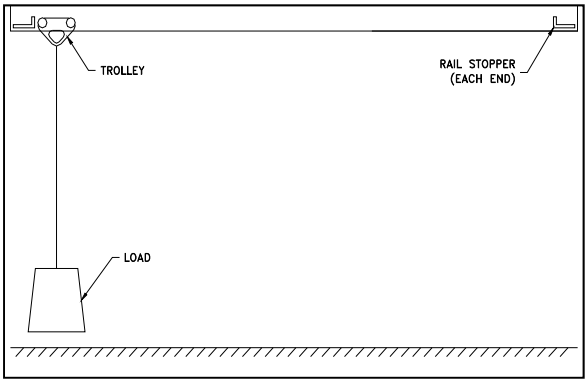
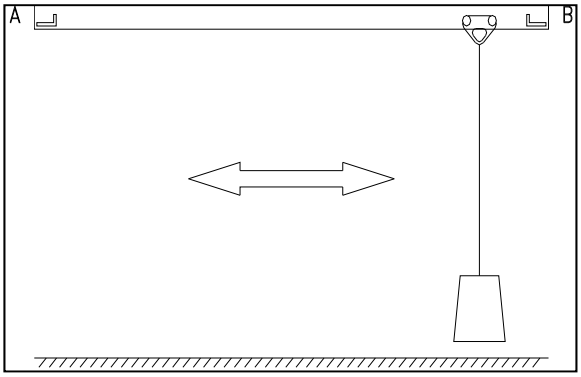
4. Once the weight load is on the trolley/track, slide the weight from point A to point B (see diagram below). If the installation respects the tolerances, proceed to the next step.





5. Once the weight load test has been completed, lower the weight load to the floor. Remove the trolley by removing the end stopper or the ceiling rail from one end. Remove the trolley from the track. Replace the end stopper or the ceiling rail and tighten with a torque wrench at 15 lb.ft.

Re-install end stoppers