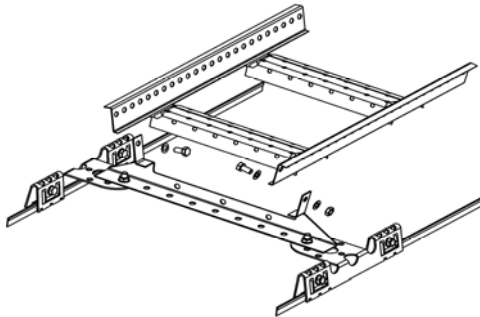


Maximum bracket C-distance 1800 mm. Ladder protrusion from bracket max 150 mm



Installation on a double-folded roof of steel plate and copper plate of at least 0.6 mm, zinc plate of at least 0.7 mm or aluminium plate of at least 0.8 mm

Press the fold-mount down over the standing seam so that the tags are under the edge of the fold. Tighten the bolts to a torque of at least 30 Nm.

Mounting on a single-folded steel plate of **at least 0.6 mm**
When mounting on a single-folded steel plate, the plate, clips and roof underlay must be undamaged and **inspected by an expert inspector within the sheet metal roofing trade.**

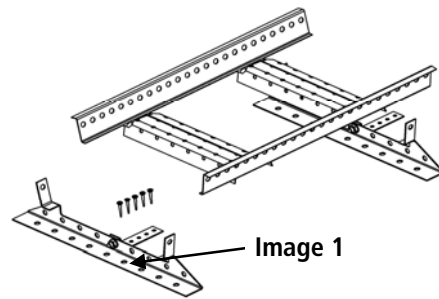
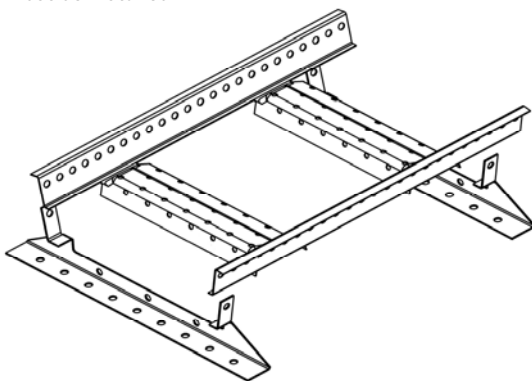


Image 1

Installation on TRP and tile-profiled tin roofs made of steel plate of at least 0.5 mm and aluminium plate of at least 0.8 mm.

Mount the step bracket on the all-round bracket according to image 1 with 1 FZV m 10 x 20 bolt with washer and nut. When mounting on a TRP profile with a profile top C-distance greater than 250 mm, 2 step brackets must be mounted on the all-round bracket. Set the all-round bracket in such a way that the step bracket ends up at the top of the profile. Screw the step bracket in place on the top of the profile with 5 thread-forming screws with sealing washers A2 18 x 6 mm. When mounting on sheet thickness of 0.7 or more, 22 x 5.3 mm self-tapping screws with sealing washers must be used.

At least 2 mountings per continuous length must be installed.



Installation of roof steps / rung ladders on the all-round bracket

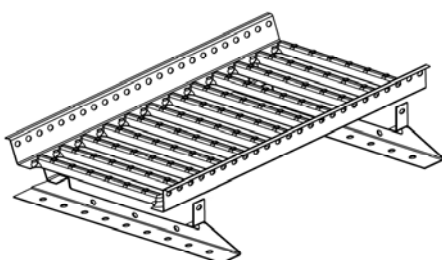
Place the roof steps in the all-round bracket and screw into place with 2 FZV M 10 x 20 bolts with washers and bolts. When installing on tile-profiled tin roofs, the mountings should be installed prior to installing the steps and the distance between brackets should then be divisible by 25 mm. Extensions of the roof steps must be made with special extenders.

Installation of roof steps / rung ladders on smooth roofs

Install the all-round bracket on the correct mounting according to the separate installation instructions. For board and felt roofs, see installation instruction M-076 and M-082. For installation with tilting bolts, see installation instruction M-057.

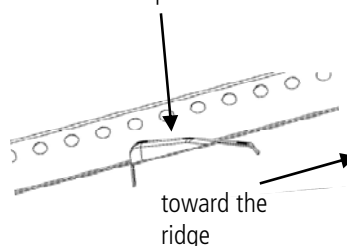
Catwalk in pitched roof areas

For roof slopes < 8 degrees
Maximum bracket C-distance 1200 mm



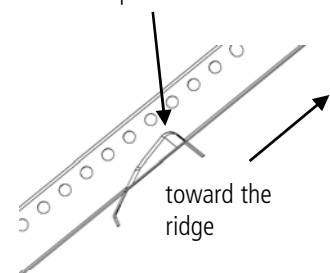
Roof steps

For roof slopes from 8 – 33 degrees
This standing surface is turned upward



Roof steps

For roof slopes > 25 degrees
This standing surface is turned upward



When cutting lacquered products, the cut surfaces must be treated with zinc paste.