Inline Design

6335 1st Ave S
Seattle, WA 98108
425 405 5505

Installing Handrail Bracket Magnetar Square HD

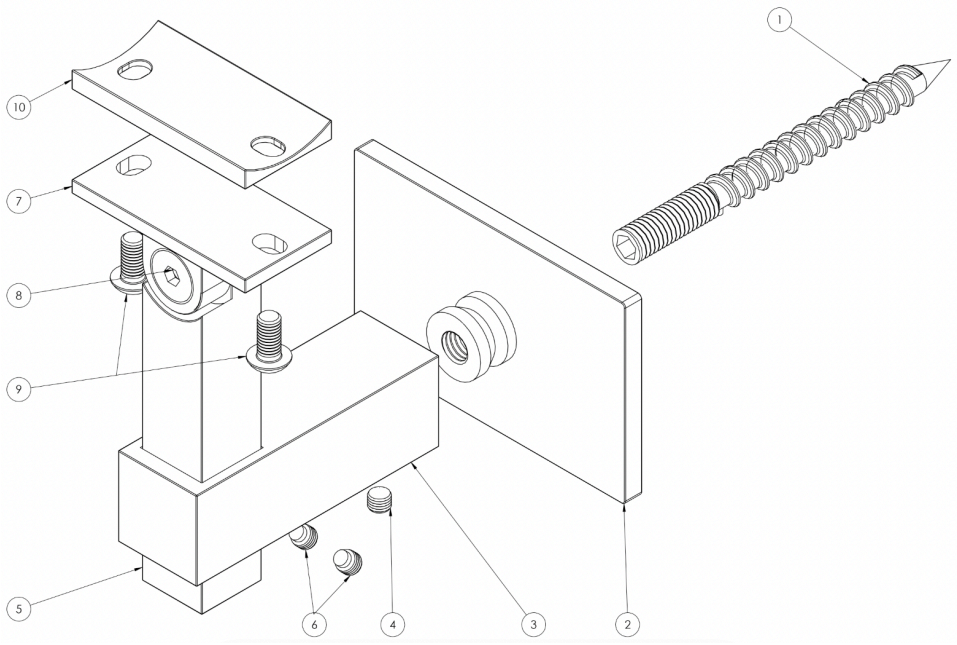
SKU: HBWA.014

Overview

This guide offers detailed steps for installing a Handrail Bracket Magnetar Square HD into a wood stud.

Bracket Components

1. Hanger Screw
2. Wall Flange
3. Bracket Horizontal
4. M5 Set Screw
5. Bracket Vertical
6. 2 x M5 Set Screw
7. Pivot Saddle
8. M6 Countersunk Screw
9. 2 x M5 Button Head Screw
10. Round Saddle Adapter



Tools Required

1. Stud-Finder
2. Handheld Drill
3. 1/4” Drill Bit
4. 2.5, 4, & 5mm Hex Wrench
5. M5x0.80mm Drill and Tap

Instructions

1) Using a Stud-Finder, locate the middle of the wood stud. Spot drill using a 1/4” drill bit to avoid wood splitting.
2) Drive the Hanger Screw (part #1) Lag section into the pre drilled hole and secure the lag end of the stud using a 4mm Wrench.
3) Mount the Wall Flange (part #2). Then the Bracket Horizontal (part #3). Position/Rotate the flange and the bracket to the desired angle orientation and tighten the Hex Screw (part #4) using a 2.5mm Wrench.
4) Adjust the Bracket Vertical (part #5) then tighten the 2 x M5 Set Screw (part #6) to secure it in place. Adjust the angle of Pivot Saddle (part #7) then tighten the M6 Countersunk Screw (part #8) using a 5mm Wrench. Optionally use the Round Saddle Adapter (part #10) to connect to a round handrail.
5) When mounting to steel handrail tighten the supplied 2 x M5 Button Head Screw (part #9) using a 4mm Wrench. Steel handrail needs to be drilled and tapped for M5x0.80mm. If mounting a wooden handrail, customers must supply appropriate lag screw to replace the 2 x M5 Button Head Screw (part #9).

Inline Design

6335 1st Ave S
Seattle, WA 98108
425 405 5505

Useful Links

Drill & Tap Kit: https://inlinedesign.com/collections/hardware/products/tools-tap-drill-metric-m5-m6-m8
Install Handrails: https://cdn.shopify.com/s/files/1/0481/5798/2883/files/Installing-Stainless-Steel-Handrails.pdf

Note

A small amount of surface corrosion is not uncommon after some exposure to weather or salty conditions; we recommend using our passivation solution or a stainless steel polish to prevent surface corrosion; more information available on our Engineering Specs Page