

Installing Stainless Steel Handrail Wall Brackets *Quasar Series*

Overview¹

Below are instructions for installing the Quasar line of Inline Design Stainless Steel Wall Bracket into drywall or sheetrock: these are SKU numbers HBWA.011, HBWA.012, and HBWA.013

These brackets come with a hanger bolt and 2x M5 screws to attach a handrail

Brackets should be installed with a maximum distance of 4'

Caution: Wear protective ANSI approved safety glasses, working gloves and breathing mask all the time

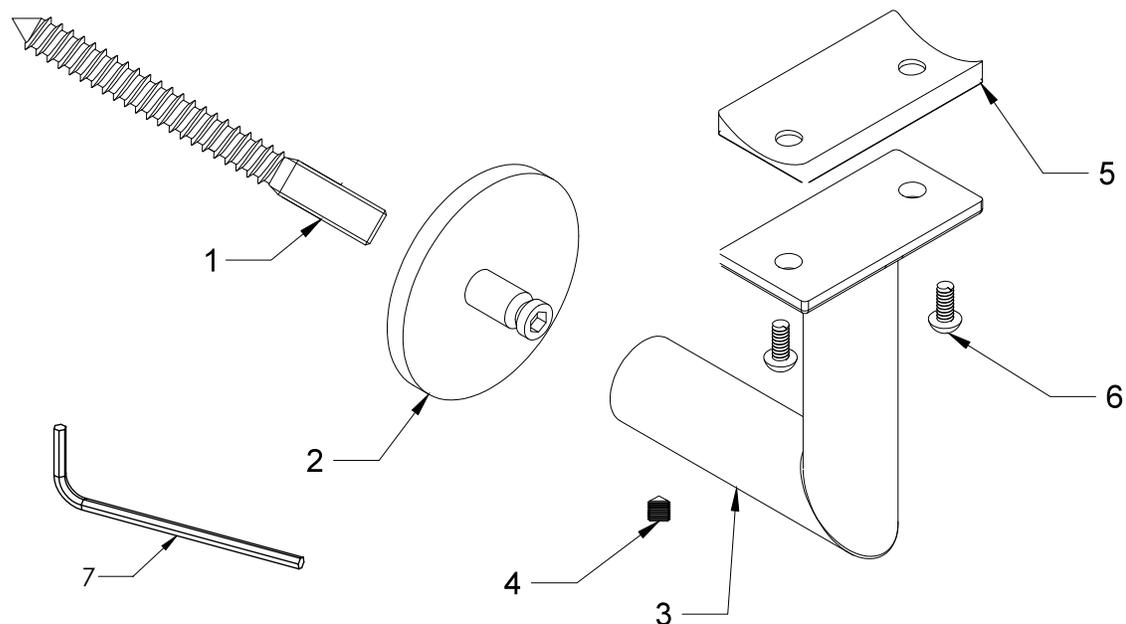


Tools Required

- | | |
|-------------------|--------------------|
| 1) Stud-finder | 3) 3/16" drill bit |
| 2) Handheld drill | 4) 5mm hex wrench |

Quasar Series Components:

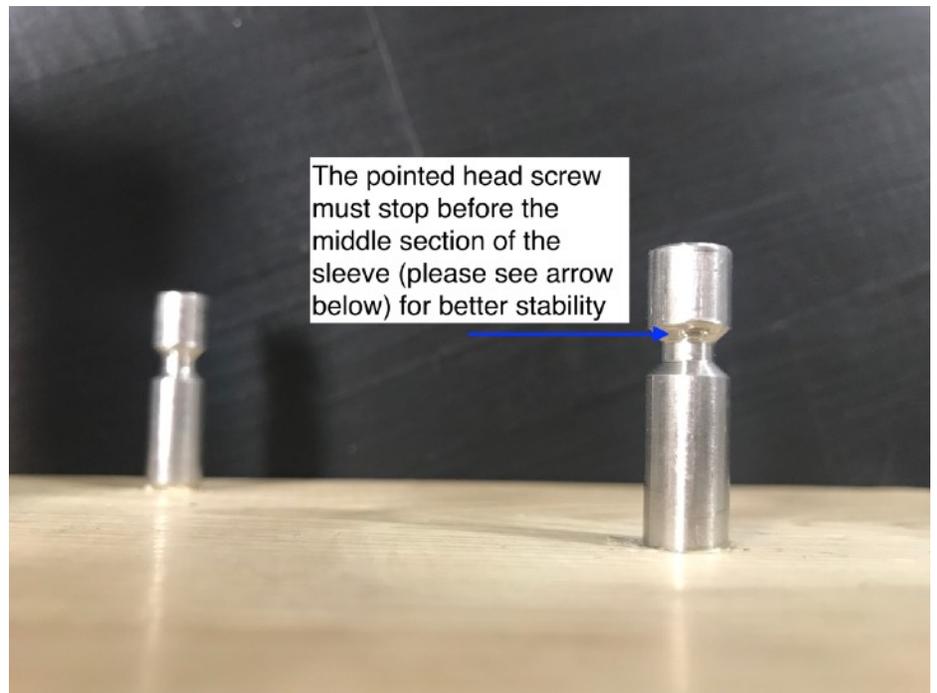
- 1: Wall Bracket Screw
- 2: Wall Flange
- 3: Main Assembly
- 4: Small pointed head screw
- 5: Round saddle adapter
- 6: 2x M5 screws
- 7: 2.5mm hex wrench



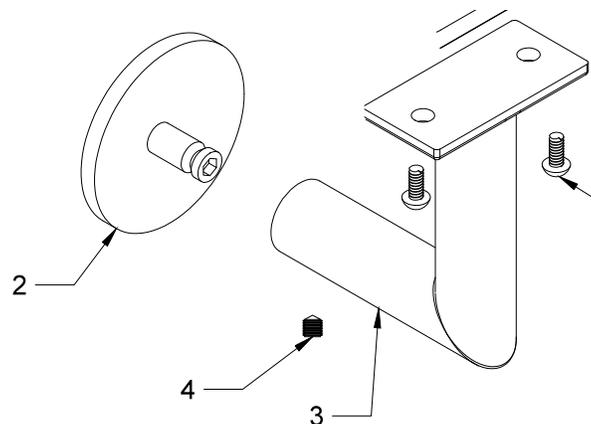
¹ This document includes hyperlinks and is intended to be viewed as a PDF file rather than print material

Instructions

- 1) Using a stud-finder, locate a stud and the vertical measurement off the nose of the step at which you will get your desired rail height (depending on stair angle this hole is typically 30" off the nose of step) drill using 3/16" drill bit.
- 2) Drive the wall bracket screw (part #1) and secure it using a 5mm hex wrench [be careful not to over tighten]. Make sure to leave the lag screw groove 1-1/8" from the wall



- 3) Insert the wall flange (part #2) and the bracket (part #3) respectively into the sleeve. Position the bracket to the desired angle orientation and tighten the pointed hex screw (part #4) at the bottom of the bracket with 2.5mm wrench (part #7).



- 4) To connect to Inline Design steel tubes, insert the two M5 bolts through two holes on the saddle of the main assembly, refer to these instructions to install Inline Design square or round tubing and additional hardware.

Note: If affixing to a wooden handrail, customers will need to purchase lag screw to replace M5 bolt

- 5) [Refer to these instructions to install Inline Design square or round tubing and additional hardware](#) Note: If using a round handrail, position the round saddle adapter on top of the flat saddle before attaching handrails

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](#)