

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

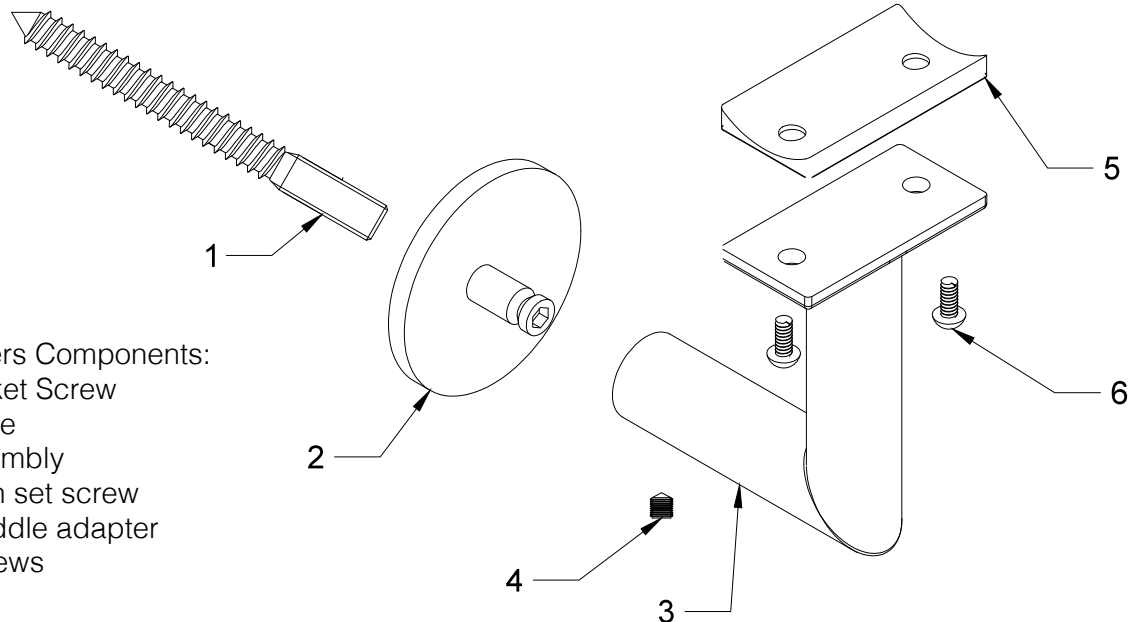


Tools Required

- 1) Stud-finder
- 2) Handheld drill
- 3) 3/16" drill bit
- 4) 5mm hex wrench
- 5) 2.5mm hex wrench

Quasar Series Components:

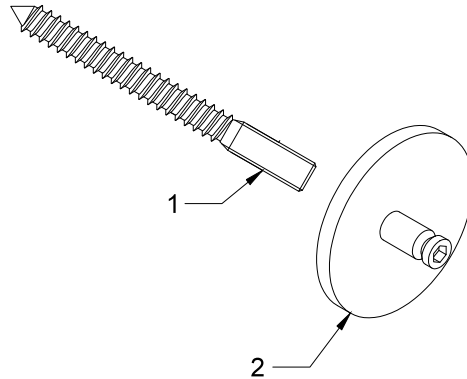
- 1: Wall Bracket Screw
- 2: Wall Flange
- 3: Main Assembly
- 4: Small allen set screw
- 5: Round saddle adapter
- 6: 2x M5 screws



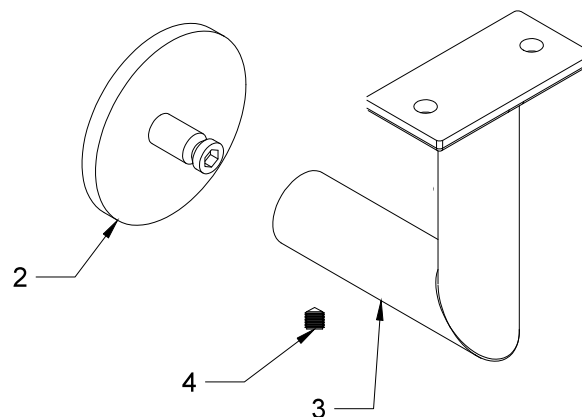
¹ This document includes hyperlinks and is intended to be viewed as a PDF file rather than print material

Instructions

- 1) Unbox wall bracket and begin with only the wall flange (#2) and wall bracket screw (#1)

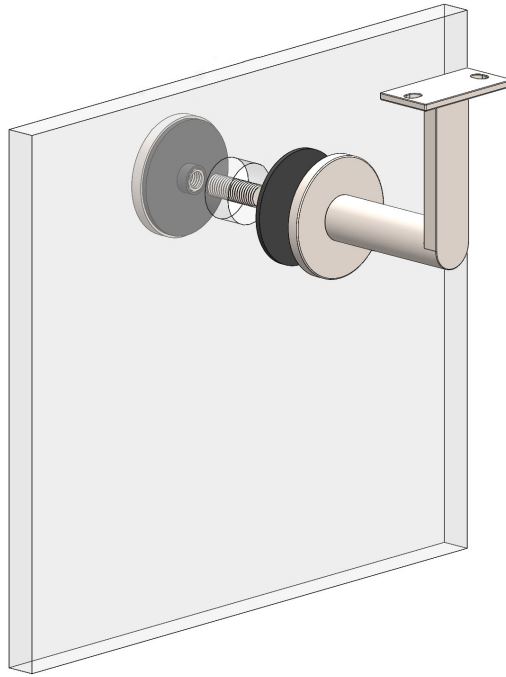


- 2) Thread the fine M8 side into the flat side of the screw until finger tight
- 3) Using a stud-finder, locate a stud and the vertical measurement off the nose of the step at which you will get your desired rail height (depending on stair angle this hole is typically 30" off the nose of step) drill using 3/16" drill bit.
- 4) Drive the assembled screw and flange into the hole and secure it using a 5mm hex wrench [be careful not to over tighten]
- 5) Back out the set screw 1-2 threads on the underside of the main assembly with a 2.5mm wrench and slide it right on to the wall mounted flange



- 6) Position the bracket to the desired angle orientation and tighten the hex screw with the 2.5mm wrench
- 7) [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

- 8) *For glass installation, the hole size on the panel is $\varnothing 5/8"$. Place the dom and one rubber gasket on one side of the panel. Securely screw in the M8 rod through the hole and to the dom, then place the other rubber gasket and assembled bracket on the other side of the panel. Finally, rotate the bracket to slowly tighten the M8 rod into the threaded hole of the wall flange, and to the desired angle. Note Do not over compress the panel.*



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](#)