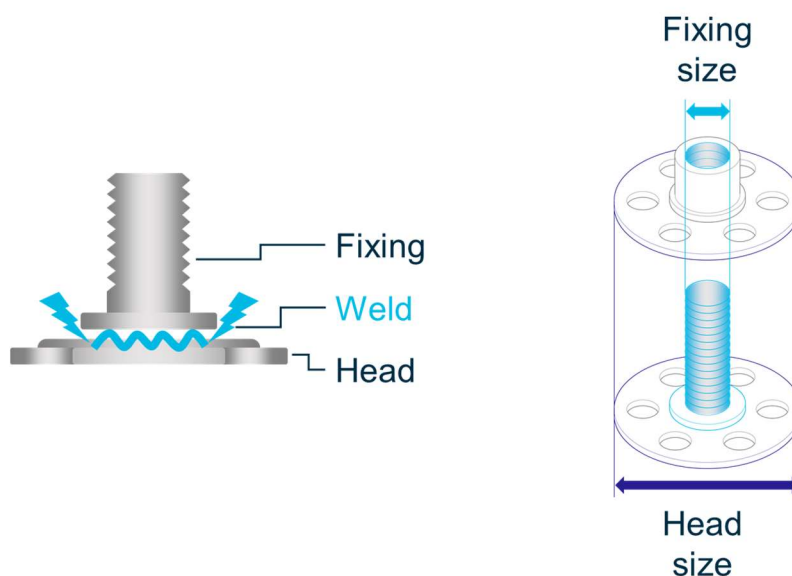
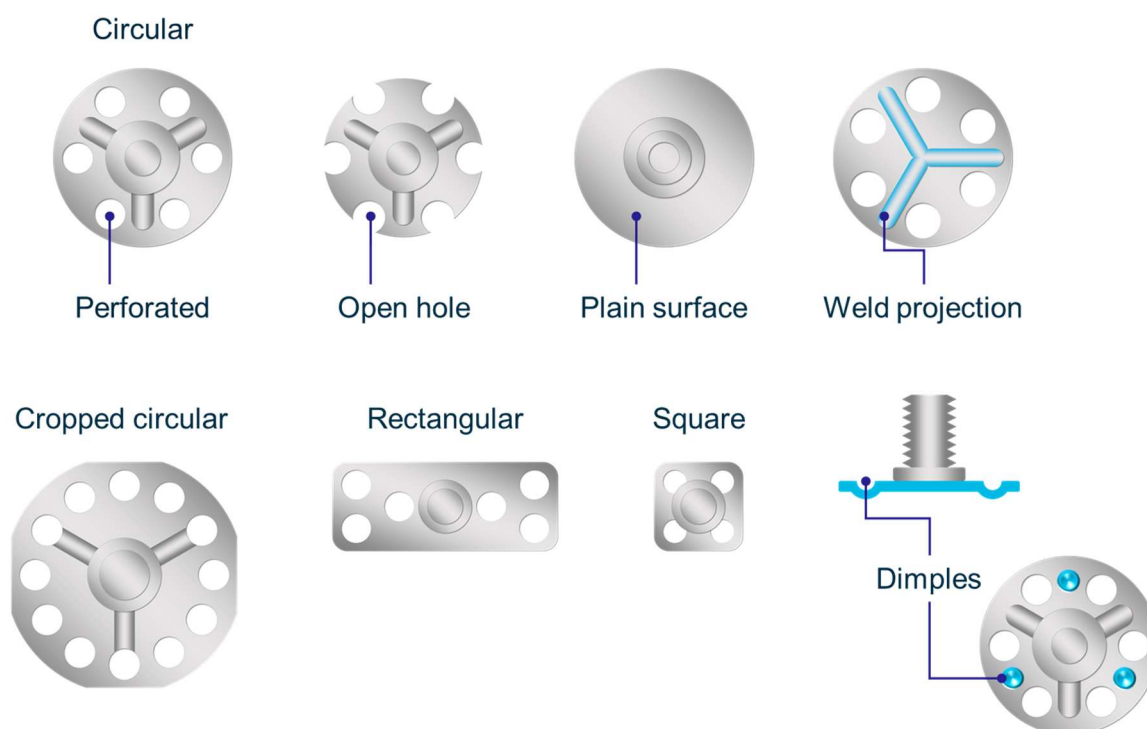


This guide explains the common terminology bigHead use to describe certain product features.
Please note: drawings and images are for illustration purposes only and do not imply actual dimensions or exact geometry.

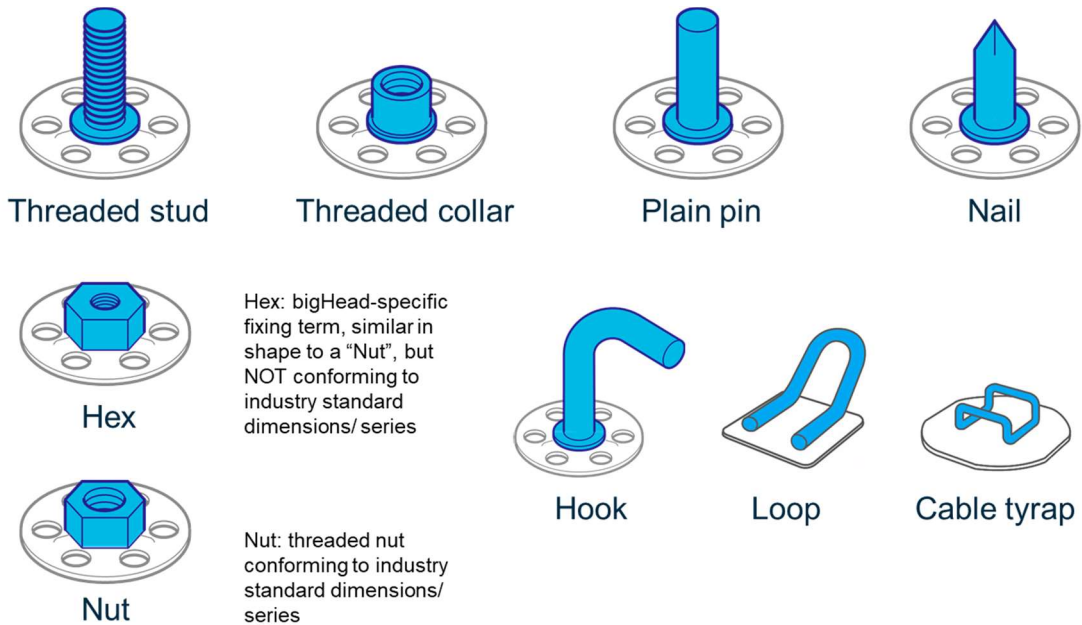
bigHead: General configuration



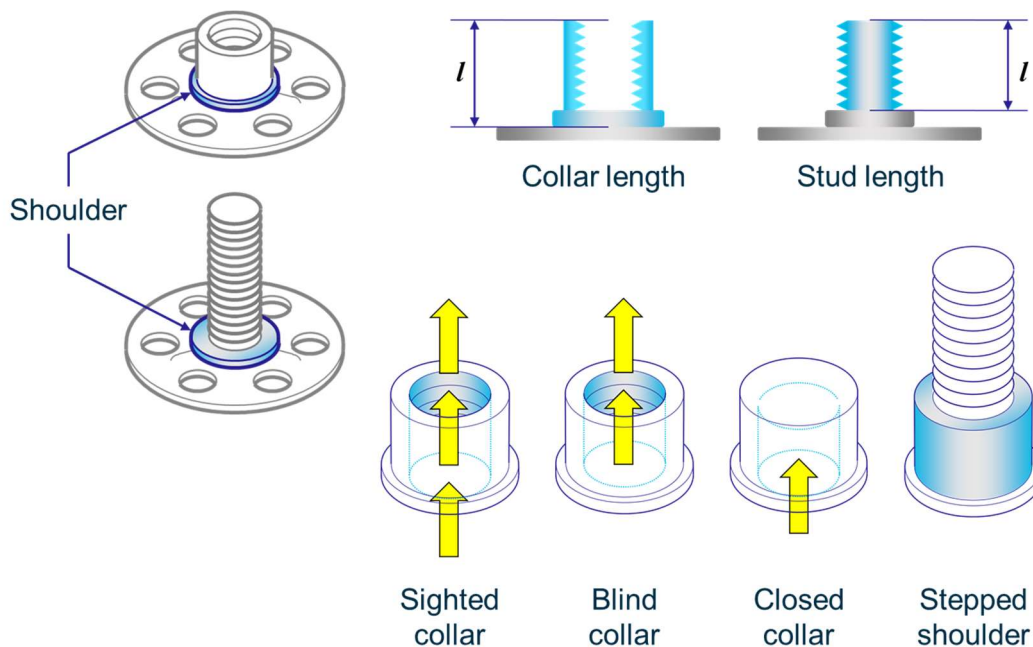
Head types and details



Fixing types

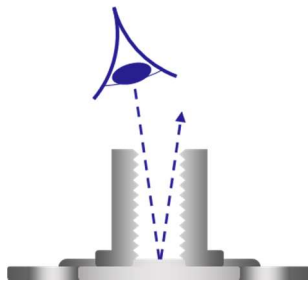


Fixing details

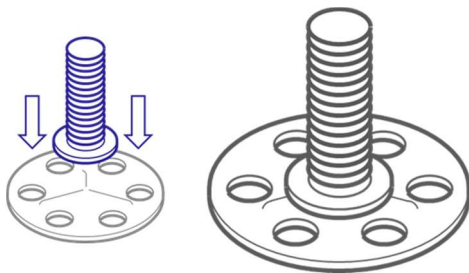
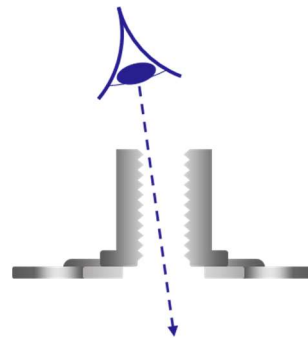


Product configuration options

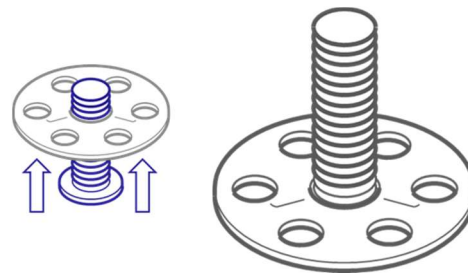
Blind



Sighted

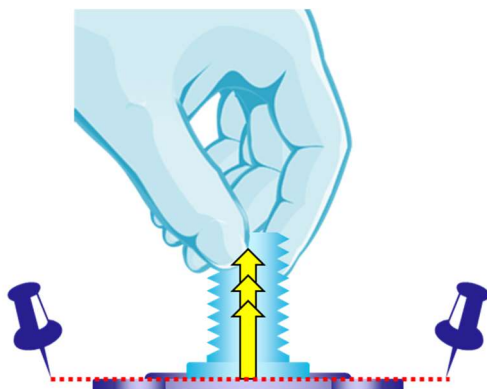


Standard weld



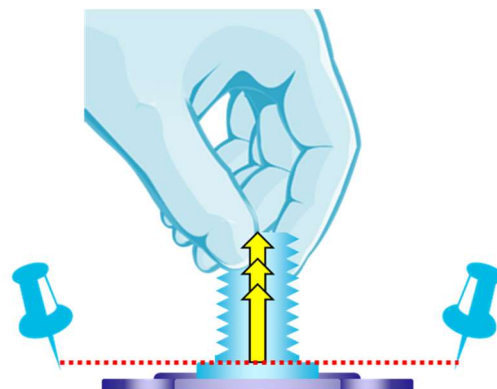
Reverse weld

bigHead tensile loading conditions



Weld loading limit (WLL)

The maximum recommended tensile force that may be applied to the fixing, with a reacting force against the Head.



Fixing loading limit (FLL)

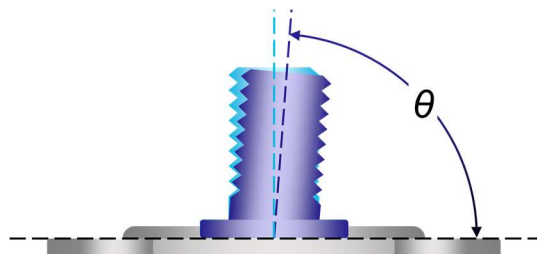
The maximum recommended tensile force that may be applied to the fixing, with a reacting force against the shoulder surface.

Materials

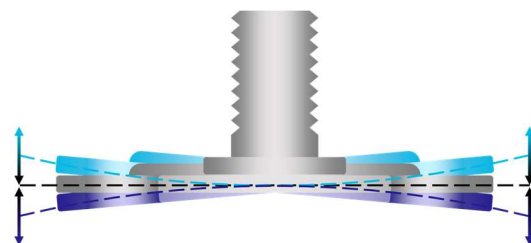
Terminology	Clarification
BZP	Bright Zinc Plate - an electroplate surface finishing process typically used on carbon steel products.
Carbon steel	A bigHead with fixing and Head component manufactured from carbon steels, according to the associated material specification for each component.
HT	Where “HT” is indicated in the product code, the bigHead is produced using a PC08.8 fixing component.
PC 08.8	<p>The bigHead fixing component is produced from carbon steel having <u>material properties</u> equivalent to those defined by ISO 898-1:2013 (E) for Property Class 8.8.</p> <p>Due to the specific geometry, the bigHead fixing component and/ or finished product DOES NOT have “full loadability” as defined by ISO 898-1, Section 8.2.1 for Property Class 8.8.</p> <p>Where PC08.8 is indicated, the bigHead component/ product has “Reduced loadability”, as defined by ISO 898-1:2013 (E), Section 8.2.2.</p>
316 Stainless	A bigHead with fixing and Head component manufactured from stainless-steel materials with properties equivalent to 316 stainless steel.

Geometry

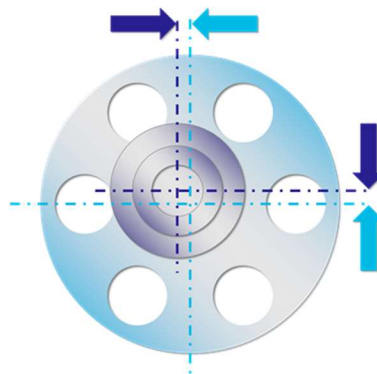
Perpendicularity



Flatness

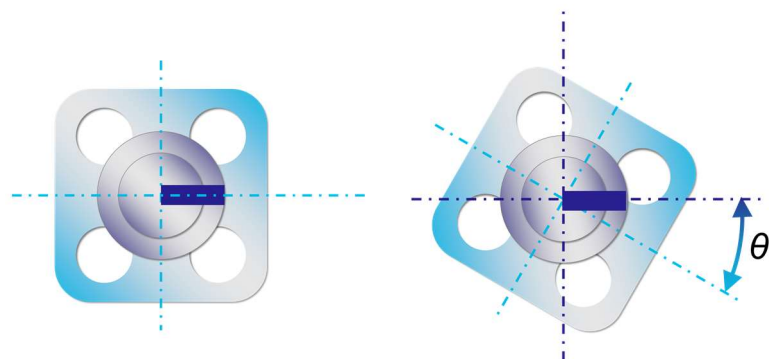


Concentricity



Rotational alignment

Rotational orientation of the fixing relative to the Head (product geometry term)



Rotational position

Rotational orientation of the bigHead relative to another component or feature (application geometry term)

