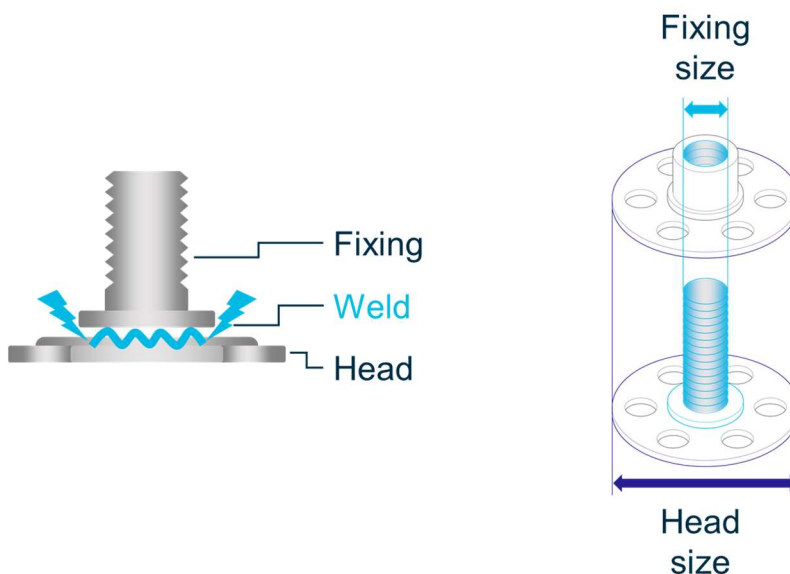
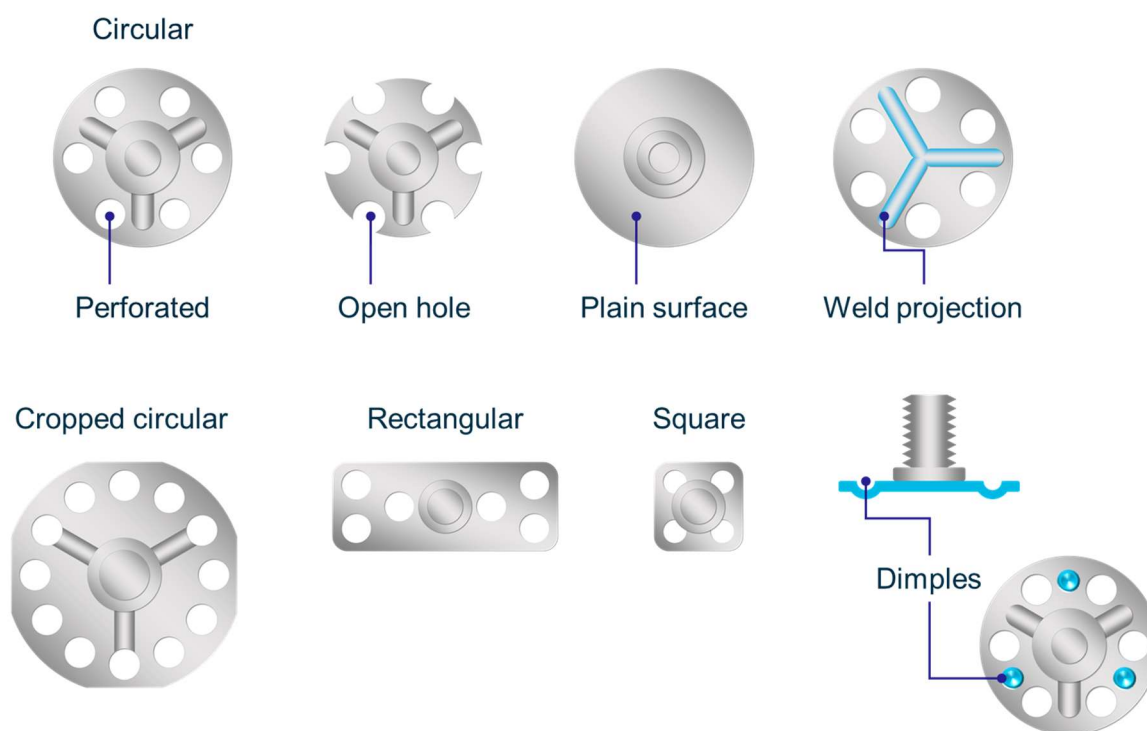


This guide explains the common terminology bigHead use to describe certain product features.  
*Please note: drawings and images are for illustration purposes only and do not imply actual dimensions or exact geometry.*

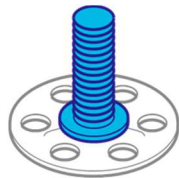
## bigHead: General configuration



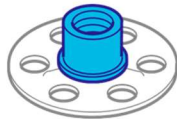
## Head types and details



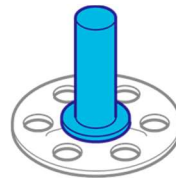
## Fixing types



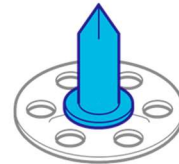
Threaded stud



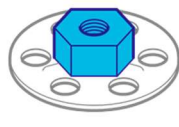
Threaded collar



Plain pin

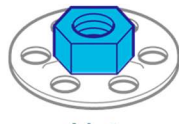


Nail



Hex

Hex: bigHead-specific fixing term, similar in shape to a "Nut", but NOT conforming to industry standard dimensions/ series

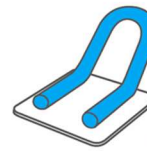


Nut

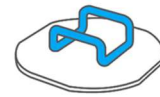
Nut: threaded nut conforming to industry standard dimensions/ series



Hook

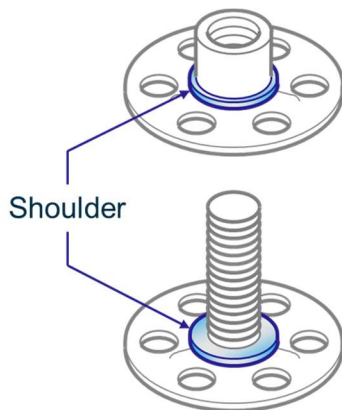


Loop

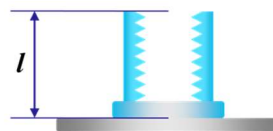


Cable tyrap

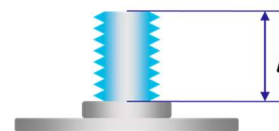
## Fixing details



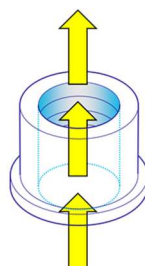
Shoulder



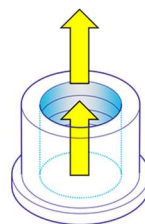
Collar length



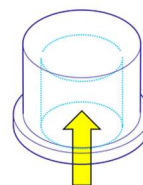
Stud length



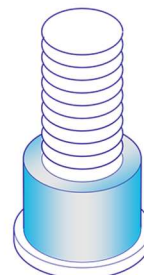
Sighted collar



Blind collar



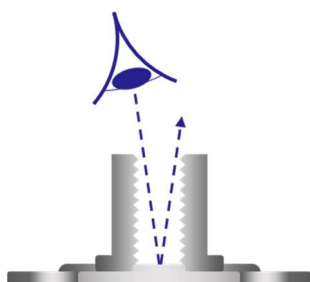
Closed collar



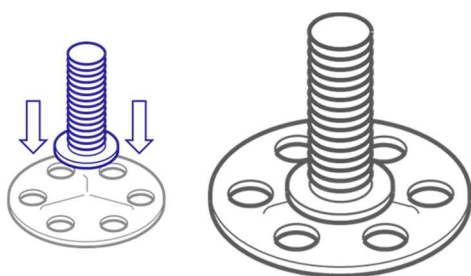
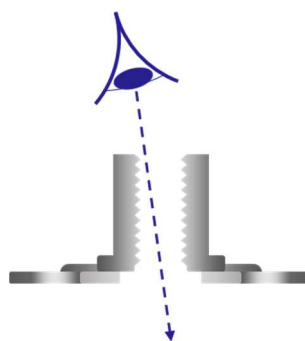
Stepped shoulder

## Product configuration options

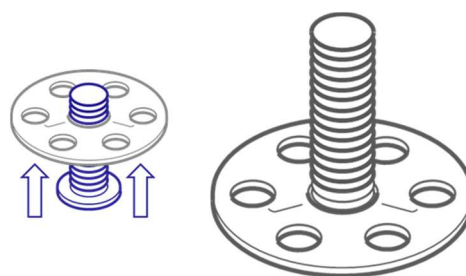
Blind



Sighted

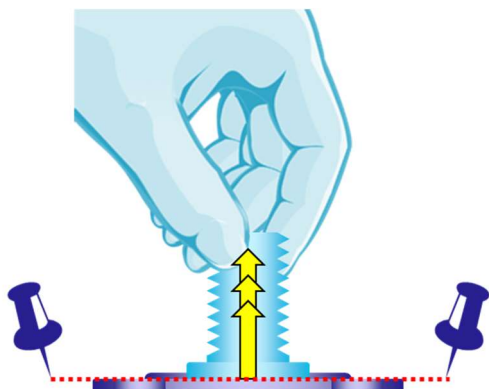


Standard weld



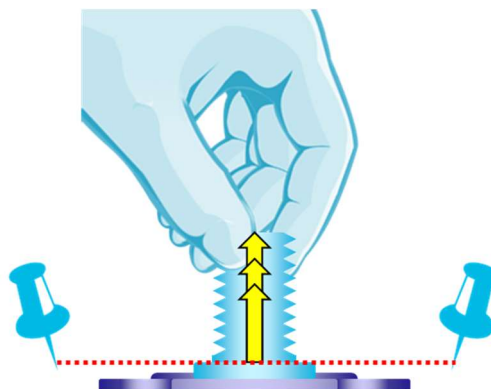
Reverse weld

## 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)

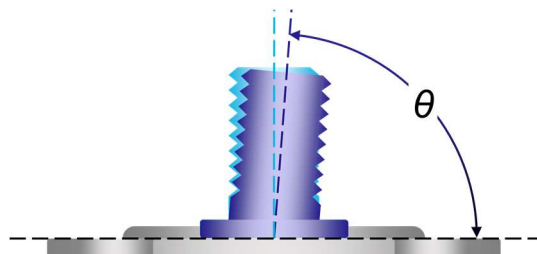
The maximum recommended tensile force that may be applied to the fixing, with a reacting force against the shoulder surface.

## Materials

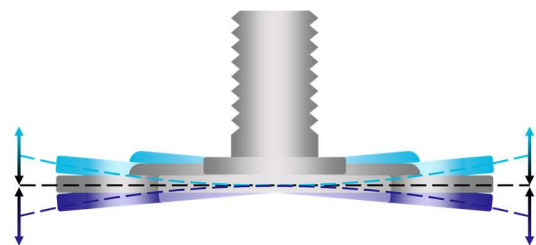
Terminology	Clarification
<b>BZP</b>	Bright Zinc Plate - an electroplate surface finishing process typically used on carbon steel products.
<b>Carbon steel</b>	A bigHead with fixing and Head component manufactured from carbon steels, according to the associated material specification for each component.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

## Geometry

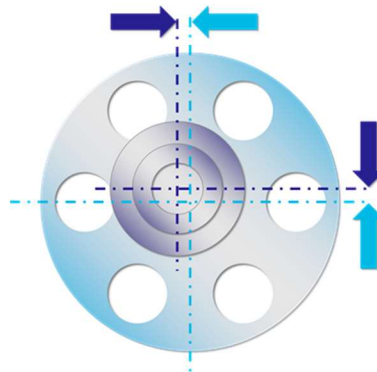
Perpendicularity



Flatness

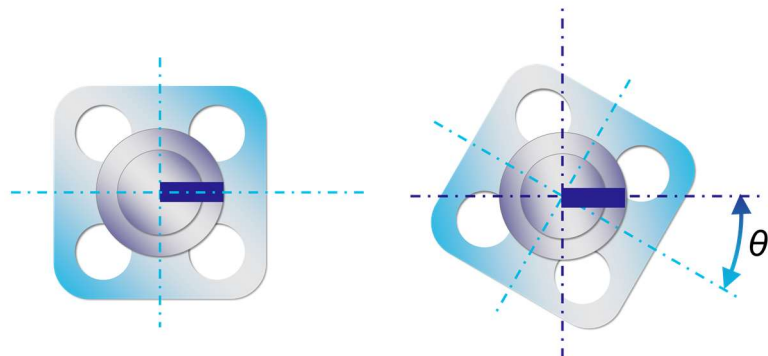


Concentricity



## 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)

