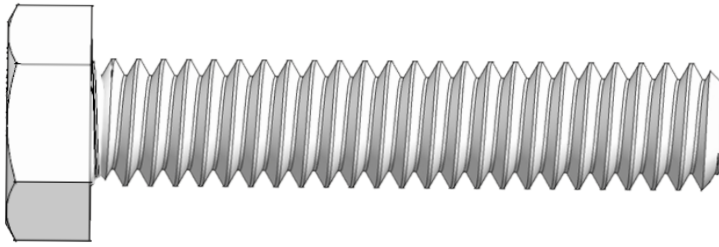


HOW TO MEASURE A FASTENER

QUICK REFERENCE GUIDE



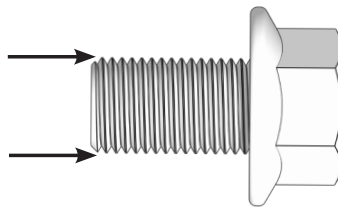
Threaded fasteners are identified by three measurements:

Diameter x Pitch x Length

10mm x 1.5 Coarse x 50mm

Measuring Diameter

For most types of fasteners, diameter is measured by the **outside of the threads**

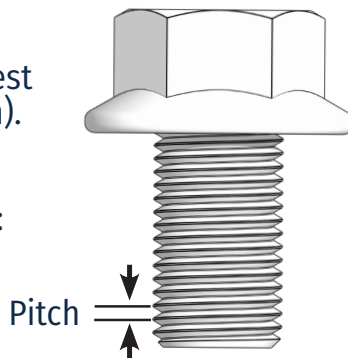


Measuring Thread Pitch

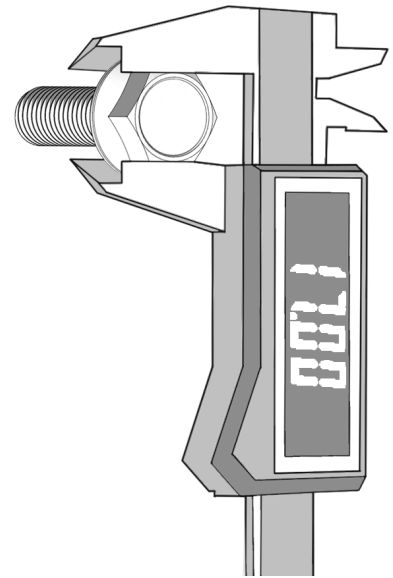
Machine threaded fasteners specify the distance from crest to crest as **Thread Pitch** (mm).

For a given diameter, a fastener may be available in:

- Coarse (most common)
- Fine
- Extra fine
- Super fine

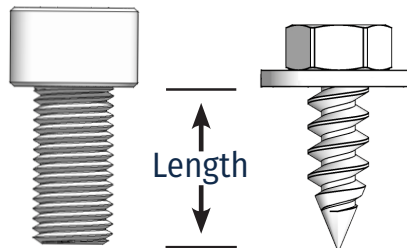


Wrench Size
Width Across Flat (WAF)



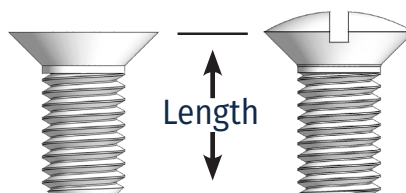
Measuring Length

Fastener length is usually measured from under the head to the end of the fastener.



Countersunk Length

Countersunk fasteners are measured **overall, including the head**.



Oval head fasteners are measured from **under the convex portion of the head**.