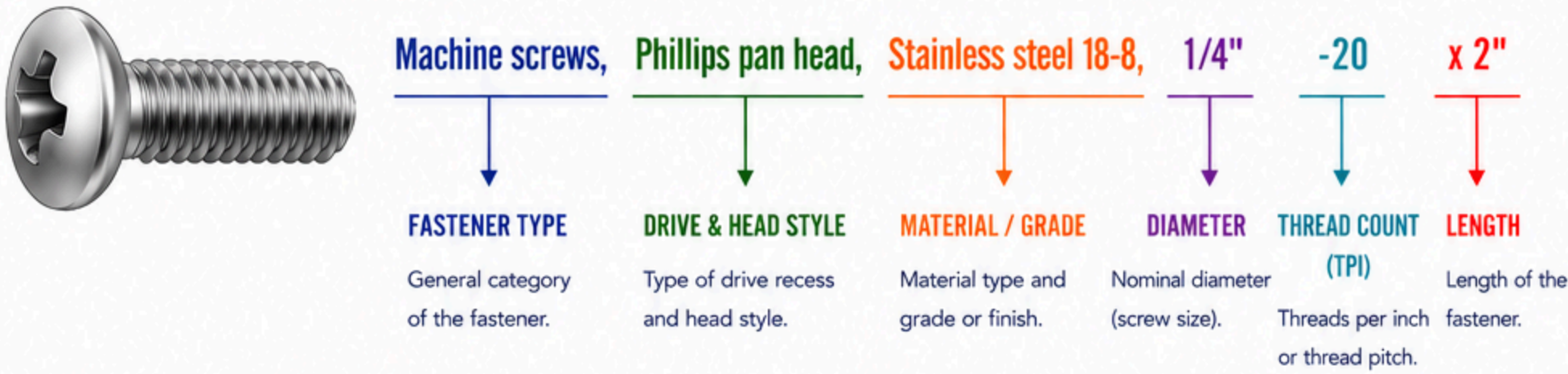


FASTENER NAMING & MEASURING GUIDE

Understand how fasteners are named and measured.

1. FASTENER NAMING CONVENTIONS

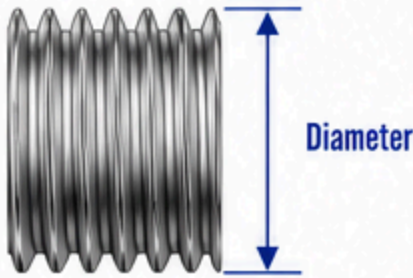
Fastener names follow a standard format that describes the key attributes of the product.



2. FASTENER MEASURING: DIAMETER & THREAD PITCH

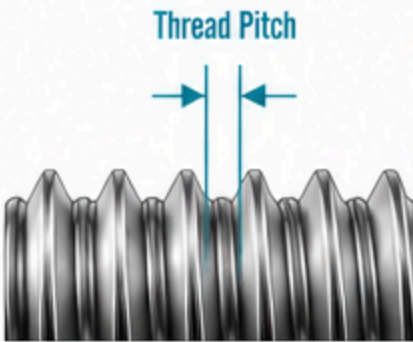
DIAMETER

For most types of fasteners, the diameter is measured on the outside of the threads.



THREAD PITCH

Machine threaded fasteners specify a thread density in **Threads Per Inch (TPI)** or as a **Thread Pitch** in mm. This is the distance from one thread crest to the next.



NOTE:

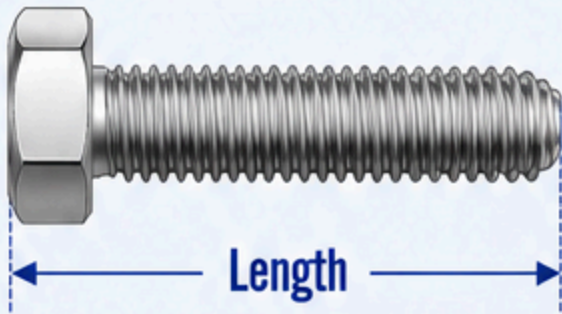
US diameters under 1/4" are given as numbers (e.g., #12) instead of inches. Larger sizes are given in inches. If you need to find the decimal equivalent, use a fastener conversion chart.

3. FASTENER MEASURING: LENGTH

Fastener length is measured differently depending on the head style.

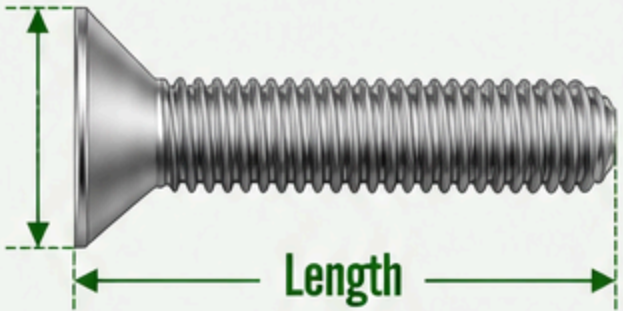
STANDARD HEADS

(Pan, Hex, Round, Socket, Button, Truss, etc.)
Length is measured from the bottom of the head to the end of the tip.



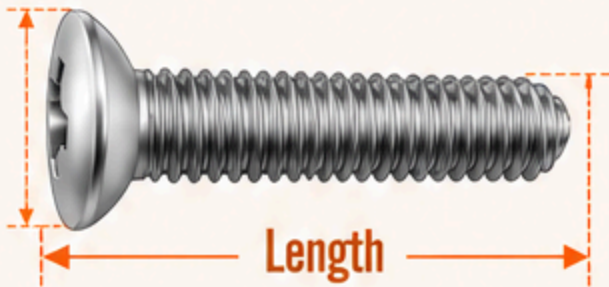
FLAT HEADS

Length is measured from the top of the head (the highest point) to the end of the tip.



OVAL HEADS

Length is measured from the start of the angle (where the head begins to taper / undercut) to the end of the tip.



THESE SCREWS ARE ALL 5/16-18 X 1-1/4"

Different head styles, same technical length.



Always confirm the correct diameter, thread pitch, and length to ensure proper fit and performance.

Copyright © 2026