

# US Bolt Diameter and Thread Chart

**Tip:** Set your PDF viewer to "Actual size" before printing to maintain scale.

This printable 'lay-over' chart helps identify US bolt diameter and thread count. Print at actual size and place next to a bolt for quick sizing.

Bolt Size	Major Diameter	Threads Per Inch (TPI)	Wrench Size	Head Height
1/4"	0.250"	20 (coarse) / 28 (fine)	7/16"	11/64"
5/16"	0.3125"	18 (coarse) / 24 (fine)	1/2"	13/64"
3/8"	0.375"	16 (coarse) / 24 (fine)	9/16"	1/4"
7/16"	0.4375"	14 (coarse) / 20 (fine)	5/8"	19/64"
1/2"	0.500"	13 (coarse) / 20 (fine)	3/4"	11/32"
9/16"	0.5625"	12 (coarse) / 18 (fine)	13/16"	3/8"
5/8"	0.625"	11 (coarse) / 18 (fine)	15/16"	27/64"
3/4"	0.750"	10 (coarse) / 16 (fine)	1-1/8"	1/2"
7/8"	0.875"	9 (coarse) / 14 (fine)	1-5/16"	37/64"
1"	1.000"	8 (coarse) / 12 (fine)	1-1/2"	21/32"

## Thread Standards

Standard	Description
UNC (Coarse)	Unified National Coarse - General purpose threading
UNF (Fine)	Unified National Fine - Precision applications, higher strength

## How to Use This Chart

1. **Measure bolt diameter** with calipers or compare to chart sizes
2. **Count threads** in one inch to determine TPI (threads per inch)
3. **Compare to chart** to identify bolt size and specifications
4. **Wrench size** indicates the proper tool needed for the hex head

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