

US Wood Screw Size Chart

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

Wood Screw Dimensions

Gauge Size	Shank Diameter	Root Diameter	Threads Per Inch	Common Lengths
#2	0.086" (2.18mm)	0.062"	56	1/4" - 1"
#3	0.099" (2.51mm)	0.073"	48	1/4" - 1-1/4"
#4	0.112" (2.84mm)	0.084"	42	1/4" - 1-1/2"
#5	0.125" (3.18mm)	0.095"	38	3/8" - 2"
#6	0.138" (3.51mm)	0.106"	32	3/8" - 3"
#7	0.151" (3.84mm)	0.120"	30	1/2" - 3"
#8	0.164" (4.17mm)	0.131"	32	1/2" - 3-1/2"
#9	0.177" (4.50mm)	0.145"	30	5/8" - 4"
#10	0.190" (4.83mm)	0.158"	24	5/8" - 5"
#12	0.216" (5.49mm)	0.182"	24	3/4" - 5"
#14	0.242" (6.15mm)	0.207"	20	3/4" - 6"
1/4"	0.250" (6.35mm)	0.211"	20	1" - 6"
5/16"	0.3125" (7.94mm)	0.265"	18	1-1/2" - 6"

Notes

- **Gauge Number:** Indicates the shank diameter - larger numbers = larger diameter
- **Length:** Measured from where the screw sits flush with the wood surface
- **Shank Diameter:** The unthreaded portion directly under the head
- **Root Diameter:** The smallest diameter at the bottom of the threads
- **Tapered Design:** Wood screws gradually decrease in diameter to prevent splitting

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