

American Screw Size Chart

Common Wood and Sheet Metal Screw Sizes

Screw Gauge	Major Diameter (inches)	Major Diameter (mm)	Recommended Drill Bit (Wood)
#0	0.060"	1.5 mm	1/16"
#2	0.086"	2.2 mm	5/64"
#4	0.112"	2.8 mm	3/32"
#6	0.138"	3.5 mm	7/64"
#8	0.164"	4.2 mm	1/8"
#10	0.190"	4.8 mm	9/64"
#12	0.216"	5.5 mm	5/32"
#14	0.242"	6.1 mm	11/64"

Machine Screw Sizes (Unified Thread Standard)

Screw Size	Major Diameter (inches)	Threads Per Inch (Coarse)	Threads Per Inch (Fine)
#2	0.086"	56 TPI	64 TPI
#4	0.112"	40 TPI	48 TPI
#6	0.138"	32 TPI	40 TPI
#8	0.164"	32 TPI	36 TPI
#10	0.190"	24 TPI	32 TPI
1/4"	0.250"	20 TPI	28 TPI
5/16"	0.312"	18 TPI	24 TPI
3/8"	0.375"	16 TPI	24 TPI
1/2"	0.500"	13 TPI	20 TPI