

Wood Screw Size Chart

Shank & head diameter and nearest metric equivalent by gauge · #4–#14

GAUGE	SHANK DIA	MM	NEAREST FRACTION	FLAT-HEAD DIA	NEAREST METRIC
#4	0.112"	2.8 mm	7/64"	7/32" 5.6 mm	M2.5–M3
#6	0.138"	3.5 mm	9/64"	9/32" 7.1 mm	M3.5
#8	0.164"	4.2 mm	5/32"	21/64" 8.3 mm	M4
#10	0.190"	4.8 mm	3/16"	25/64" 9.9 mm	M5
#12	0.216"	5.5 mm	7/32"	7/16" 11.1 mm	M5.5–M6
#14	0.242"	6.1 mm	1/4"	1/2" 12.7 mm	M6

Shank diameter = the outer thread diameter (what the gauge number encodes). Flat-head diameter is the head width — what a countersink is sized to match. Diameters follow the gauge formula ($\text{gauge} \times 0.013 + 0.060$ "); mm = inch $\times 25.4$.

Nearest metric is the closest M-size by diameter (M = diameter in mm) — handy for flat-pack and imported hardware. Metric and gauge screws are close but not always exactly interchangeable; for an exact thread match, check the specific spec.