

Wood Screw Countersink Size Chart

Countersink diameter by gauge at the 82° flat-head standard · fraction and mm

SCREW GAUGE	COUNTERSINK DIAMETER	PLUG / BUNG
#4	1/4" 6.4 mm	1/4"
#6	5/16" 7.9 mm	5/16"
#8	3/8" 9.5 mm	3/8"
#10	7/16" 11.1 mm	1/2"
#12	1/2" 12.7 mm	1/2"
#14	1/2" 12.7 mm	1/2"

Every size is 82° — the US standard included angle for flat-head wood screws — so a single countersink bit matches all of them; only the diameter changes with gauge.

Plug / bung is the counterbore hole diameter if you sink the head deeper and cap it with a wooden plug — a separate job from countersinking flush. These are wood-screw values, not ANSI machine-screw countersinks.