

Sheet Metal Screw Size Chart

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

Size	Major Diameter	Threads Per Inch	Common Lengths
#2	0.086" (2.18mm)	32 TPI (Type AB)	1/4" - 3/4"
#4	0.112" (2.84mm)	24-32 TPI	1/4" - 2"
#6	0.138" (3.51mm)	20-32 TPI	3/8" - 3"
#8	0.164" (4.17mm)	18-32 TPI	1/2" - 4"
#10	0.190" (4.83mm)	16-24 TPI	1/2" - 6"
#12	0.216" (5.49mm)	14-24 TPI	3/4" - 6"
#14	0.242" (6.15mm)	14-20 TPI	3/4" - 6"
1/4"	0.250" (6.35mm)	14-20 TPI	1" - 6"
5/16"	0.312" (7.92mm)	12-18 TPI	1" - 6"

Important Notes

- **Length Measurement:** Flat/oval heads measured from underside, pan/hex/truss from under head
- **TPI:** Threads per inch varies by type - Type A coarser, Type B finer
- **Pilot Holes:** Type B always needs pilot hole, Type A/AB often doesn't in thin materials
- **Material Thickness:** Choose screw length at least 3x material thickness for good holding

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