

Machine Screw Sizes

Here's a reference chart for standard machine screws, including gauge, diameter, TPI, and applications:

Screw Size	Major Diameter (inches)	Coarse Threads (TPI)	Fine Threads (TPI)	Typical Applications
#2	0.086"	56	64	Electronics, small parts
#4	0.112"	40	48	Light machinery, instruments
#6	0.138"	32	40	Cabinet assembly, small machines
#8	0.164"	32	36	General fastening, furniture
#10	0.190"	24	32	Furniture, machinery parts
1/4"	0.250"	20	28	Automotive, structural metalwork
5/16"	0.312"	18	24	Heavy-duty equipment, construction
3/8"	0.375"	16	24	Industrial machinery, structural assemblies
1/2"	0.500"	13	20	Large-scale construction, machinery