

## SI (metric) Machine Screws Data

# M4 through M39

Table terms:

**screw ID** is the common name for the screw. For SI screws, it is also the metric major pitch diameter (**Q**).

**P** is the screw thread pitch measured as the metric distance between two adjacent thread crests.

**Series** is the relative thread coarseness; SI screws are: coarse, fine, or extra-fine.

**Q** is the major thread diameter (in inches on this table).

SI Screw Nomenclature (sample):

**"M10 x 1.0mm x 20mm"** indicates a screw with Q=10mm, P=1.0mm, and the total length of the screw shank =20mm.

screw ID (Q) P (in)	series	Q (in)	screw ID (Q) P	series	Q
M4 0.7 1.0630	coarse	0.1575	M27* 3	coarse	
M4 0.5 1.0630	fine	0.1575	M27 2	fine	
M5 0.8 1.1811	coarse	0.1968	M30 3.5	coarse	
M5 0.5 1.1811	fine	0.1968	M30 2	fine	
M6 1 1.2992	coarse	0.2362	M33* 3.5	coarse	
M6 0.75 1.2992	fine	0.2362	M33 2	fine	
M7* 1 1.4173	coarse	0.2756	M36 4	coarse	
M8 1.25 1.4173	coarse	0.3150	M36 3	fine	
M8 1 1.5354	fine	0.3150	M39* 4	coarse	
M8 0.75 1.5354	xfine	0.3150	M39 3	fine	
M10 1.5	coarse	0.3937			
M10 1.25	fine	0.3937			
M10 1	xfine	0.3937			
M12 1.75	coarse	0.4724			
M12 1.5	fine	0.4724			
M12 1.25	xfine	0.4724			
M14* 2	coarse	0.5512			
M14 1.5	fine	0.5512			
M14 1.25	xfine	0.5512			
M16 2	coarse	0.6299			
M16 1.5	fine	0.6299			
M18* 2.5	coarse	0.7087			

M18	1.5	fine	0.7087
M20	2.5	coarse	0.7874
M20	1.5	fine	0.7874
M22*	2.5	coarse	0.8661
M22	1.5	fine	0.8661
M24	3	coarse	0.9449

\*not considered standard series sizes

end of table