

Metric Tap Size Chart

Tap size	Diameter (in)	Diameter (mm)	Thread count (TPI)	Thread pitch (mm)	Tap drill size
M1x0.2	0.0394	1.0000	~127	0.200	0.8 mm
M1x0.25	0.0394	1.0000	~102	0.250	0.75 mm
M1.1x0.25	0.0433	1.1000	~102	0.250	0.85 mm
M1.1x0.2	0.0433	1.1000	~127	0.200	0.9 mm
M1.2x0.2	0.0472	1.2000	~127	0.200	1 mm
M1.2x0.25	0.0472	1.2000	~102	0.250	0.95 mm
M1.4x0.2	0.0551	1.4000	~127	0.200	1.2 mm
M1.4x0.3	0.0551	1.4000	~85	0.300	1.1 mm
M1.6x0.2	0.0630	1.6000	~127	0.200	1.4 mm
M1.6x0.35	0.0630	1.6000	~73	0.350	1.25 mm
M1.8x0.2	0.0709	1.8000	~127	0.200	1.6 mm
M1.8x0.35	0.0709	1.8000	~73	0.350	1.45 mm
M2x0.25	0.0787	2.0000	~102	0.250	1.75 mm
M2x0.4	0.0787	2.0000	~64	0.400	1.6 mm
M2.2x0.25	0.0866	2.2000	~102	0.250	1.95 mm
M2.2x0.45	0.0866	2.2000	~57	0.450	1.75 mm
M2.5x0.35	0.0984	2.5000	~73	0.350	2.1 mm
M2.5x0.45	0.0984	2.5000	~57	0.450	2.05 mm
M3x0.35	0.1181	3.0000	~73	0.350	2.6 mm
M3x0.5	0.1181	3.0000	~51	0.500	2.5 mm
M3.5x0.35	0.1378	3.5000	~73	0.350	3.1 mm
M3.5x0.6	0.1378	3.5000	~43	0.600	2.9 mm
M4x0.35	0.1575	4.0000	~73	0.350	3.6 mm
M4x0.5	0.1575	4.0000	~51	0.500	3.5 mm
M4x0.7	0.1575	4.0000	~37	0.700	3.3 mm
M4.5x0.5	0.1772	4.5000	~51	0.500	4 mm
M4.5x0.75	0.1772	4.5000	~34	0.750	3.8 mm

Tap size	Diameter (in)	Diameter (mm)	Thread count (TPI)	Thread pitch (mm)	Tap drill size
M5x0.5	0.1969	5.0000	~51	0.500	4.5 mm
M5x0.8	0.1969	5.0000	~32	0.800	4.2 mm
M5.5x0.5	0.2165	5.5000	~51	0.500	5 mm
M6x0.5	0.2362	6.0000	~51	0.500	5.5 mm
M6x0.75	0.2362	6.0000	~34	0.750	5.2 mm
M6x1	0.2362	6.0000	~26	1.000	5 mm
M7x0.75	0.2756	7.0000	~34	0.750	6.2 mm
M7x1	0.2756	7.0000	~26	1.000	6 mm
M8x0.5	0.3150	8.0000	~51	0.500	7.5 mm
M8x0.75	0.3150	8.0000	~34	0.750	7.2 mm
M8x1	0.3150	8.0000	~26	1.000	7 mm
M8x1.25	0.3150	8.0000	~21	1.250	6.8 mm
M9x0.75	0.3543	9.0000	~34	0.750	8.2 mm
M9x1	0.3543	9.0000	~26	1.000	8 mm
M9x1.25	0.3543	9.0000	~21	1.250	7.8 mm
M10x0.75	0.3937	10.0000	~34	0.750	9.2 mm
M10x1.5	0.3937	10.0000	~17	1.500	8.5 mm
M10x1.25	0.3937	10.0000	~21	1.250	8.8 mm
M10x1	0.3937	10.0000	~26	1.000	9 mm
M11x0.75	0.4331	11.0000	~34	0.750	10.2 mm
M11x1	0.4331	11.0000	~26	1.000	10 mm
M11x1.5	0.4331	11.0000	~17	1.500	9.5 mm
M12x1.5	0.4724	12.0000	~17	1.500	10.5 mm
M12x1.75	0.4724	12.0000	~15	1.750	10.2 mm
M12x0.75	0.4724	12.0000	~34	0.750	11.25 mm
M12x1	0.4724	12.0000	~26	1.000	11 mm
M12x1.25	0.4724	12.0000	~21	1.250	10.8 mm
M14x1.5	0.5512	14.0000	~17	1.500	12.5 mm
M14x1.25	0.5512	14.0000	~21	1.250	12.8 mm
M14x1	0.5512	14.0000	~26	1.000	13 mm

Tap size	Diameter (in)	Diameter (mm)	Thread count (TPI)	Thread pitch (mm)	Tap drill size
M14x2	0.5512	14.0000	~13	2.000	12 mm
M15x1	0.5906	15.0000	~26	1.000	14 mm
M15x1.5	0.5906	15.0000	~17	1.500	13.5 mm
M16x2	0.6299	16.0000	~13	2.000	14 mm
M16x1.5	0.6299	16.0000	~17	1.500	14.5 mm
M16x1	0.6299	16.0000	~26	1.000	15 mm
M17x1	0.6693	17.0000	~26	1.000	16 mm
M17x1.5	0.6693	17.0000	~17	1.500	15.5 mm
M18x2.5	0.7087	18.0000	~11	2.500	15.5 mm
M18x1	0.7087	18.0000	~26	1.000	17 mm
M18x1.5	0.7087	18.0000	~17	1.500	16.5 mm
M18x2	0.7087	18.0000	~13	2.000	16 mm
M20x2	0.7874	20.0000	~13	2.000	18 mm
M20x1.5	0.7874	20.0000	~17	1.500	18.5 mm
M20x1	0.7874	20.0000	~26	1.000	19 mm
M20x2.5	0.7874	20.0000	~11	2.500	17.5 mm
M22x2	0.8661	22.0000	~13	2.000	20 mm
M22x1.5	0.8661	22.0000	~17	1.500	20.5 mm
M22x1	0.8661	22.0000	~26	1.000	21 mm
M22x2.5	0.8661	22.0000	~11	2.500	19.5 mm
M24x3	0.9449	24.0000	~9	3.000	21 mm
M24x1	0.9449	24.0000	~26	1.000	23 mm
M24x1.5	0.9449	24.0000	~17	1.500	22.5 mm
M24x2	0.9449	24.0000	~13	2.000	22 mm
M25x2	0.9843	25.0000	~13	2.000	23 mm
M25x1	0.9843	25.0000	~26	1.000	24 mm
M25x1.5	0.9843	25.0000	~17	1.500	23.5 mm
M26x1.5	1.0236	26.0000	~17	1.500	24.5 mm
M27x1.5	1.0630	27.0000	~17	1.500	25.5 mm
M27x3	1.0630	27.0000	~9	3.000	24 mm

Tap size	Diameter (in)	Diameter (mm)	Thread count (TPI)	Thread pitch (mm)	Tap drill size
M27x1	1.0630	27.0000	~26	1.000	26 mm
M27x2	1.0630	27.0000	~13	2.000	25 mm
M28x2	1.1024	28.0000	~13	2.000	26 mm
M28x1	1.1024	28.0000	~26	1.000	27 mm
M28x1.5	1.1024	28.0000	~17	1.500	26.5 mm
M30x1.5	1.1811	30.0000	~17	1.500	28.5 mm
M30x3.5	1.1811	30.0000	~8	3.500	26.5 mm
M30x2	1.1811	30.0000	~13	2.000	28 mm
M33x2	1.2992	33.0000	~13	2.000	31 mm
M33x3.5	1.2992	33.0000	~8	3.500	29.5 mm
M36x3	1.4173	36.0000	~9	3.000	33 mm
M36x4	1.4173	36.0000	~7	4.000	32 mm
M39x4	1.5354	39.0000	~7	4.000	35 mm
M39x3	1.5354	39.0000	~9	3.000	36 mm
M42x4.5	1.6535	42.0000	~6	4.500	37.5 mm
M45x4.5	1.7717	45.0000	~6	4.500	40.5 mm
M48x5	1.8898	48.0000	~6	5.000	43 mm
M52x5	2.0472	52.0000	~6	5.000	47 mm
M56x5.5	2.2047	56.0000	~5	5.500	50.5 mm
M60x5.5	2.3622	60.0000	~5	5.500	54.5 mm