

Tap size	Diameter (in)	Diameter (mm)	Thread count (TPI)	Thread pitch (mm)	Tap drill size
#0000-160	0.021	0.5334	160	0.159	1/64 in
#000-120	0.034	0.8636	120	0.212	#71
M1x0.2	0.0394	1	~127	0.2	0.8 mm
M1x0.25	0.0394	1	~102	0.25	0.75 mm
M1.1x0.25	0.0433	1.1	~102	0.25	0.85 mm
M1.1x0.2	0.0433	1.1	~127	0.2	0.9 mm
#00-90	0.047	1.1938	90	0.282	#65
M1.2x0.2	0.0472	1.2	~127	0.2	1 mm
M1.2x0.25	0.0472	1.2	~102	0.25	0.95 mm
M1.4x0.2	0.0551	1.4	~127	0.2	1.2 mm
M1.4x0.3	0.0551	1.4	~85	0.3	1.1 mm
#0-80	0.06	1.524	80	0.318	3/64 in
M1.6x0.2	0.063	1.6	~127	0.2	1.4 mm
M1.6x0.35	0.063	1.6	~73	0.35	1.25 mm
M1.8x0.2	0.0709	1.8	~127	0.2	1.6 mm
M1.8x0.35	0.0709	1.8	~73	0.35	1.45 mm
#1-64	0.073	1.8542	64	0.397	#52
#1-72	0.073	1.8542	72	0.353	#53
M2x0.25	0.0787	2	~102	0.25	1.75 mm
M2x0.4	0.0787	2	~64	0.4	1.6 mm
#2-56	0.086	2.1844	56	0.454	#50
#2-64	0.086	2.1844	64	0.397	#50
M2.2x0.25	0.0866	2.2	~102	0.25	1.95 mm
M2.2x0.45	0.0866	2.2	~57	0.45	1.75 mm
M2.5x0.35	0.0984	2.5	~73	0.35	2.1 mm
M2.5x0.45	0.0984	2.5	~57	0.45	2.05 mm
#3-48	0.099	2.5146	48	0.529	#47
#3-56	0.099	2.5146	56	0.454	#45
#4-40	0.112	2.8448	40	0.635	#43
#4-48	0.112	2.8448	48	0.529	#42
M3x0.35	0.1181	3	~73	0.35	2.6 mm

M3x0.5	0.1181	3	~51	0.5	2.5 mm
#5-40	0.125	3.175	40	0.635	#39
#5-44	0.125	3.175	44	0.577	#37
M3.5x0.35	0.1378	3.5	~73	0.35	3.1 mm
M3.5x0.6	0.1378	3.5	~43	0.6	2.9 mm
#6-32	0.138	3.5052	32	0.794	#36
#6-40	0.138	3.5052	40	0.635	#33
M4x0.35	0.1575	4	~73	0.35	3.6 mm
M4x0.5	0.1575	4	~51	0.5	3.5 mm
M4x0.7	0.1575	4	~37	0.7	3.3 mm
#8-32	0.164	4.1656	32	0.794	#29
#8-36	0.164	4.1656	36	0.706	#29
M4.5x0.5	0.1772	4.5	~51	0.5	4 mm
M4.5x0.75	0.1772	4.5	~34	0.75	3.8 mm
#10-32	0.19	4.826	32	0.794	#21
#10-24	0.19	4.826	24	1.058	#25
M5x0.5	0.1969	5	~51	0.5	4.5 mm
M5x0.8	0.1969	5	~32	0.8	4.2 mm
#12-24	0.216	5.4864	24	1.058	#17
#12-28	0.216	5.4864	28	0.907	#15
M5.5x0.5	0.2165	5.5	~51	0.5	5 mm
M6x0.5	0.2362	6	~51	0.5	5.5 mm
M6x0.75	0.2362	6	~34	0.75	5.2 mm
M6x1	0.2362	6	~26	1	5 mm
1/4-20	0.25	6.35	20	1.27	#7
1/4-28	0.25	6.35	28	0.907	#3
M7x0.75	0.2756	7	~34	0.75	6.2 mm
M7x1	0.2756	7	~26	1	6 mm
5/16-18	0.3125	7.9375	18	1.411	F
5/16-24	0.3125	7.9375	24	1.058	I
M8x0.5	0.315	8	~51	0.5	7.5 mm

M8x0.75	0.315	8	~34	0.75	7.2 mm
M8x1	0.315	8	~26	1	7 mm
M8x1.25	0.315	8	~21	1.25	6.8 mm
M9x0.75	0.3543	9	~34	0.75	8.2 mm
M9x1	0.3543	9	~26	1	8 mm
M9x1.25	0.3543	9	~21	1.25	7.8 mm
3/8-24	0.375	9.525	24	1.058	Q
3/8-16	0.375	9.525	16	1.588	5/16 in
M10x0.75	0.3937	10	~34	0.75	9.2 mm
M10x1.5	0.3937	10	~17	1.5	8.5 mm
M10x1.25	0.3937	10	~21	1.25	8.8 mm
M10x1	0.3937	10	~26	1	9 mm
M11x0.75	0.4331	11	~34	0.75	10.2 mm
M11x1	0.4331	11	~26	1	10 mm
M11x1.5	0.4331	11	~17	1.5	9.5 mm
7/16-14	0.4375	11.1125	14	1.814	U
7/16-20	0.4375	11.1125	20	1.27	25/64 in
M12x1.5	0.4724	12	~17	1.5	10.5 mm
M12x1.75	0.4724	12	~15	1.75	10.2 mm
M12x0.75	0.4724	12	~34	0.75	11.25 mm
M12x1	0.4724	12	~26	1	11 mm
M12x1.25	0.4724	12	~21	1.25	10.8 mm
1/2-20	0.5	12.7	20	1.27	29/64 in
1/2-13	0.5	12.7	13	1.954	27/64 in
M14x1.5	0.5512	14	~17	1.5	12.5 mm
M14x1.25	0.5512	14	~21	1.25	12.8 mm
M14x1	0.5512	14	~26	1	13 mm
M14x2	0.5512	14	~13	2	12 mm
9/16-18	0.5625	14.2875	18	1.411	33/64 in
9/16-12	0.5625	14.2875	12	2.117	31/64 in
M15x1	0.5906	15	~26	1	14 mm

M15x1.5	0.5906	15	~17	1.5	13.5 mm
5/8-18	0.625	15.875	18	1.411	37/64 in
5/8-11	0.625	15.875	11	2.309	17/32 in
M16x2	0.6299	16	~13	2	14 mm
M16x1.5	0.6299	16	~17	1.5	14.5 mm
M16x1	0.6299	16	~26	1	15 mm
M17x1	0.6693	17	~26	1	16 mm
M17x1.5	0.6693	17	~17	1.5	15.5 mm
M18x2.5	0.7087	18	~11	2.5	15.5 mm
M18x1	0.7087	18	~26	1	17 mm
M18x1.5	0.7087	18	~17	1.5	16.5 mm
M18x2	0.7087	18	~13	2	16 mm
3/4-16	0.75	19.05	16	1.588	11/16 in
3/4-10	0.75	19.05	10	2.54	21/32 in
M20x2	0.7874	20	~13	2	18 mm
M20x1.5	0.7874	20	~17	1.5	18.5 mm
M20x1	0.7874	20	~26	1	19 mm
M20x2.5	0.7874	20	~11	2.5	17.5 mm
M22x2	0.8661	22	~13	2	20 mm
M22x1.5	0.8661	22	~17	1.5	20.5 mm
M22x1	0.8661	22	~26	1	21 mm
M22x2.5	0.8661	22	~11	2.5	19.5 mm
7/8-9	0.875	22.225	9	2.822	49/64 in
7/8-14	0.875	22.225	14	1.814	13/16 in
M24x3	0.9449	24	~9	3	21 mm
M24x1	0.9449	24	~26	1	23 mm
M24x1.5	0.9449	24	~17	1.5	22.5 mm
M24x2	0.9449	24	~13	2	22 mm
M25x2	0.9843	25	~13	2	23 mm
M25x1	0.9843	25	~26	1	24 mm
M25x1.5	0.9843	25	~17	1.5	23.5 mm

1-14	1	25.4	14	1.814	15/16 in
1-8	1	25.4	8	3.175	7/8 in
M26x1.5	1.0236	26	~17	1.5	24.5 mm
M27x1.5	1.063	27	~17	1.5	25.5 mm
M27x3	1.063	27	~9	3	24 mm
M27x1	1.063	27	~26	1	26 mm
M27x2	1.063	27	~13	2	25 mm
M28x2	1.1024	28	~13	2	26 mm
M28x1	1.1024	28	~26	1	27 mm
M28x1.5	1.1024	28	~17	1.5	26.5 mm
1 1/8-12	1.125	28.575	12	2.117	1 3/64 in
1 1/8-7	1.125	28.575	7	3.629	63/64 in
M30x1.5	1.1811	30	~17	1.5	28.5 mm
M30x3.5	1.1811	30	~8	3.5	26.5 mm
M30x2	1.1811	30	~13	2	28 mm
1 1/4-12	1.25	31.75	12	2.117	1 11/64 in
1 1/4-7	1.25	31.75	7	3.629	1 7/64 in
M33x2	1.2992	33	~13	2	31 mm
M33x3.5	1.2992	33	~8	3.5	29.5 mm
M36x3	1.4173	36	~9	3	33 mm
M36x4	1.4173	36	~7	4	32 mm
1 1/2 -12	1.5	38.1	12	2.117	1 27/64 in
1 1/2-6	1.5	38.1	6	4.233	1 11/32 in
M39x4	1.5354	39	~7	4	35 mm
M39x3	1.5354	39	~9	3	36 mm
M42x4.5	1.6535	42	~6	4.5	37.5 mm
1 3/4-12	1.75	44.45	12	2.117	1 43/64 in
1 3/4-5	1.75	44.45	5	5.08	1 35/64 in
M45x4.5	1.7717	45	~6	4.5	40.5 mm
M48x5	1.8898	48	~6	5	43 mm
2-12	2	50.8	12	2.117	1 59/64 in

2-4 1/2	2	50.8	4.5	5.644	1 25/32 in
M52x5	2.0472	52	~6	5	47 mm
M56x5.5	2.2047	56	~5	5.5	50.5 mm
M60x5.5	2.3622	60	~5	5.5	54.5 mm
M64x6	2.5197	64	~5	6	58 mm
M68x6	2.6772	68	~5	6	62 mm