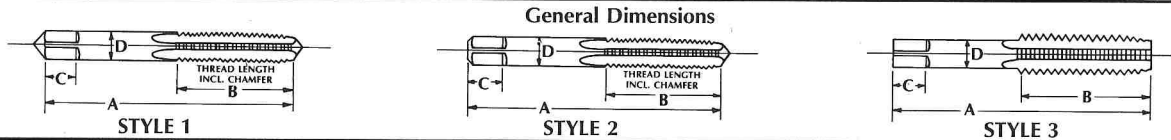


STANDARD TAP DIMENSIONS, GROUND THREAD



Nominal Diameter Range – Inches		Machine Screw Size No.	Nominal Fractional Diameter Inches	Nominal Metric Diameter Millimeter	STYLE*	Tap Dimensions – Inches				
Over	To (Incl.)					Overall Length A	Thread Length B	Square Length C	Shank Diameter D	Size of Square E
.052	.065	0	1/16	M1.6	1	1 ⁵ / ₈	5/16	3/16	.141	.110
.065	.078	1		M1.8	1	1 ¹¹ / ₁₆	3/8	3/16	.141	.110
.078	.091	2		M2, M2.2	1	1 ³ / ₄	7/16	3/16	.141	.110
.091	.104	3	3/32	M2.5	1	1 ¹³ / ₁₆	1/2	3/16	.141	.110
.104	.117	4			1	1 ⁷ / ₈	9/16	3/16	.141	.110
.117	.130	5	1/8	M3, M3.15	1	1 ¹⁵ / ₁₆	5/8	3/16	.141	.110
.130	.145	6		M3.5	1	2	11/16	3/16	.141	.110
.145	.171	8	5/32	M4	1	2 ¹ / ₈	3/4	1/4	.168	.131
.171	.197	10	3/16	M4.5, M5	1	2 ³ / ₈	7/8	1/4	.194	.152
.197	.223	12	7/32		1	2 ³ / ₈	15/16	9/32	.220	.165
.223	.260	14	1/4	M6, M6.3	2	2 ¹ / ₂	1	5/16	.255	.191
.260	.323		5/16	M7, M8	2	2 ²³ / ₃₂	1 ¹ / ₈	3/8	.318	.238
.323	.395		3/8	M10	2	2 ¹⁵ / ₁₆	1 ¹ / ₄	7/16	.381	.286
.395	.448		7/16		3	3 ³ / ₃₂	1 ⁷ / ₁₆	13/32	.323	.242
.448	.510		1/2	M12, M12.5	3	3 ³ / ₈	1 ²¹ / ₃₂	7/16	.367	.275
.510	.573		9/16	M14	3	3 ¹⁹ / ₃₂	1 ²¹ / ₃₂	1/2	.429	.322
.573	.635		5/8	M16	3	3 ¹³ / ₁₆	1 ¹³ / ₁₆	9/16	.480	.360
.635	.709		11/16	M18	3	4 ¹ / ₃₂	1 ¹³ / ₁₆	5/8	.542	.406
.709	.760		3/4		3	4 ¹ / ₄	2	11/16	.590	.442
.760	.823		13/16	M20	3	4 ¹⁵ / ₃₂	2	11/16	.652	.489
.823	.885		7/8	M22	3	4 ¹¹ / ₁₆	2 ⁷ / ₃₂	3/4	.697	.523
.885	.948		15/16	M24	3	4 ²⁹ / ₃₂	2 ⁷ / ₃₂	3/4	.760	.570
.948	1.010		1	M25	3	5 ¹ / ₈	2 ¹ / ₂	13/16	.800	.600
1.010	1.073		1 ¹ / ₁₆	M27	3	5 ¹ / ₈	2 ¹ / ₂	7/8	.896	.672
1.073	1.135		1 ¹ / ₈		3	5 ⁷ / ₁₆	2 ⁹ / ₁₆	7/8	.896	.672
1.135	1.198		1 ³ / ₁₆	M30	3	5 ⁷ / ₁₆	2 ⁹ / ₁₆	1	1.021	.766
1.198	1.260		1 ¹ / ₄		3	5 ³ / ₄	2 ⁹ / ₁₆	1	1.021	.766
1.260	1.323		1 ⁵ / ₁₆	M33	3	5 ³ / ₄	2 ⁹ / ₁₆	1 ¹ / ₁₆	1.108	.831
1.323	1.385		1 ³ / ₈		3	6 ¹ / ₁₆	3	1 ¹ / ₁₆	1.108	.831
1.385	1.448		1 ⁷ / ₁₆	M36	3	6 ¹ / ₁₆	3	1 ¹ / ₈	1.233	.925
1.448	1.510		1 ¹ / ₂		3	6 ³ / ₈	3	1 ¹ / ₈	1.233	.925
1.510	1.635		1 ⁵ / ₈	M39	3	6 ¹¹ / ₁₆	3 ³ / ₁₆	1 ¹ / ₈	1.305	.979
1.635	1.760		1 ³ / ₄	M42	3	7	3 ³ / ₁₆	1 ¹ / ₄	1.430	1.072
1.760	1.885		1 ⁷ / ₈		3	7 ³ / ₁₆	3 ⁹ / ₁₆	1 ¹ / ₄	1.519	1.139
1.885	2.010		2	M48	3	7 ⁵ / ₈	3 ⁹ / ₁₆	1 ³ / ₈	1.644	1.233
2.010	2.135		2 ¹ / ₈		3	8	3 ⁹ / ₁₆	1 ³ / ₈	1.769	1.327
2.135	2.260		2 ¹ / ₄	M56	3	8 ¹ / ₄	3 ⁹ / ₁₆	1 ⁷ / ₁₆	1.894	1.420
2.260	2.385		2 ³ / ₈		3	8 ¹ / ₂	4	1 ⁷ / ₁₆	2.019	1.514
2.385	2.510		2 ¹ / ₂		3	8 ³ / ₄	4	1 ¹ / ₂	2.100	1.575
2.510	2.635		2 ⁵ / ₈	M64	3	8 ³ / ₄	4	1 ¹ / ₂	2.225	1.669
2.635	2.760		2 ³ / ₄		3	9 ¹ / ₄	4	1 ⁹ / ₁₆	2.350	1.762
2.760	2.885		2 ⁷ / ₈	M72	3	9 ¹ / ₄	4	1 ⁹ / ₁₆	2.475	1.856
2.885	3.010		3		3	9 ³ / ₄	4 ⁹ / ₁₆	1 ⁵ / ₈	2.543	1.907
3.010	3.135		3 ¹ / ₈		3	9 ³ / ₄	4 ⁹ / ₁₆	1 ⁵ / ₈	2.668	2.001
3.135	3.260		3 ¹ / ₄	M80	3	10	4 ⁹ / ₁₆	1 ³ / ₄	2.793	2.095

*Styles shown are for Ground Thread Taps