

# TECHNICAL DATA

## METRIC TAP DRILL SIZES



Nominal Size	Pitch	Recommended Metric Drill				Closest Recommended Inch Drill			
		Drill Size (mm)	Inch Equiv.	Probable Hole Size (Inches)	Probable Percent of Thread	Drill Size	Inch Equiv.	Probable Hole Size (Inch)	Probable Percent of Thread
M1.6	0.35	1.25	0.0492	0.0507	69				
M1.8	0.35	1.45	0.0571	0.0586	69				
M2.0	0.40	1.6	0.063	0.0647	69	#52	0.0635	0.0652	66
M2.2	0.45	1.75	0.0689	0.0706	70				
M2.5	0.45	2.05	0.0807	0.0826	69	#46	0.081	0.0829	67
M3.0	0.50	2.5	0.0984	0.1007	68	#40	0.098	0.1003	70
M3.5	0.60	2.9	0.1142	0.1168	68	#33	0.113	0.1156	72
M4.0	0.70	3.3	0.1299	0.1328	69	#30	0.1285	0.1314	73
M4.5	0.75	3.7	0.1457	0.1489	74	#26	0.147	0.1502	70
M5.0	0.80	4.2	0.1654	0.1686	69	#19	0.166	0.1692	68
M6.0	1.00	5	0.1968	0.2006	70	#9	0.196	0.1998	71
M7.0	1.00	6	0.2362	0.24	70	15/64	0.2344	0.2382	73
M8.0	1.25	6.7	0.2638	0.2679	74	17/64	0.2656	0.2697	71
	1.00	7	0.2756	0.2797	69	J	0.277	0.2811	66
M10.0	1.50	8.5	0.3346	0.339	71	Q	0.332	0.3364	75
	1.25	8.7	0.3425	0.3471	73	11/32	0.3438	0.3483	71
M12.0	1.75	10.2	0.4016	0.4063	74	Y	0.404	0.4087	71
	1.25	10.8	0.4252	0.4299	67	27/64	0.4219	0.4266	72
M14.0	2.00	12	0.4724	0.4772	72	15/32	0.4688	0.4736	76
	1.50	12.5	0.4921	0.4969	71				
M16.0	2.00	14	0.5512	0.5561	72	35/64	0.5469	0.5518	76
	1.50	14.5	0.5709	0.5758	71				
M18.0	2.50	15.5	0.6102	0.6152	73	39/64	0.6094	0.6144	74
	1.50	16.5	0.6496	0.6546	70				
M20.0	2.50	17.5	0.689	0.6942	73	11/16	0.6875	0.6925	74
	1.50	18.5	0.7283	0.7335	70				
M22.0	2.50	19.5	0.7677	0.7729	73	49/64	0.7656	0.7708	75
	1.50	20.5	0.8071	0.8123	70				
M24.0	3.00	21	0.8268	0.8327	73	53/64	0.8281	0.834	72
	2.00	22	0.8661	0.872	71				
M27.0	3.00	24	0.9449	0.9511	73	15/16	0.9375	0.9435	78
	2.00	25	0.9843	0.9913	70	63/64	0.9844	0.9914	70
M30.0	3.50	26.5	1.0433						
	2.00	28	1.1024						
M33.0	3.50	29.5	1.1614						
	2.00	31	1.2205						
M36.0	4.00	32	1.2598						
	3.00	33	1.2992						
M39.0	4.00	35	1.378						
	3.00	36	1.4173						