

METRIC TAP-AMERICAN DRILL CONVERSION CHART

English including B. A. numbers	American including Machine Screws	Metric Popular Pitches	Bolt Dia. Inches	Tap Drill	Drill Dia. Inches	Substitute Tap Drill	Drill Dia. Inches
1/16-60 10-BA 9-BA 8-BA 3/32-48			.0625 .0669 .0748 .0865 .0937	3/64 #54 #53 1.8mm #48	.0469 .0550 .0559 .0709 .0760	#50	.0700
7-BA 6-BA	4-40	3.0-0.5 3.0-0.6	.0983 .1102 .1120 .1181 .1181	#47 2.3mm #44 2.5mm 2.4mm	.0785 .0905 .0860 .0984 .0945	#43 #40 3/32	.0890 .0980 .0938
1/8-40 5-BA 4-BA	5-40 6-32	3.5-0.6	.1250 .1259 .1378 .1380 .1417	#38 #37 2.9mm #36 3.0mm	.1015 .1040 .1142 .1065 .1181	#33 #32	.1130 .1160
3-BA 2-BA	8-32	4.0-0.7 4.0-0.75	.1575 .1575 .1614 .1640 .1850	3.3mm 3.2mm #29 #29 4.0mm	.1299 .1260 .1360 .1360 .1575	#30 1/8 #22	.1285 .1250 .1570
3/16-24 3/16-32	10-24 10-32	5-0.8	.1875 .1875 .1900 .1900 .1968	#27 #23 #25 #21 4.2mm	.1440 .1540 .1495 .1590 .1654	#19	.1660
1-BA 7/32-24 7/32-26 7/32-28		5-0.9	.1968 .2086 .2187 .2187 .2187	4.1mm 4.5mm #16 #14 #15	.1614 .1772 .1770 .1820 .1800	#20 #16	.1610 .1770
0-BA 1/4-20 1/4-26	1/4-20	6-1.0	.2362 .2362 .2500 .2500 .2500	5.1mm 5.0mm #9 #7 #4	.2008 .1968 .1960 .2010 .2090	#7 #9	.2010 .1960
5/16-18 5/16-22	1/4-28 5/16-18	7-1.0	.2500 .2756 .3125 .3125 .3125	#3 6.0mm 1/4 F G	.2130 .2362 .2500 .2570 .2610	15/64	.2344
5/16-26 3/8-16	5/16-24	8-1.0 8-1.25	.3125 .3125 .3150 .3150 .3750	I(i) J 7.0mm 6.8mm 5/16	.2720 .2770 .2756 .2677 .3125	I(i) H	.2720 .2660
3/8-20 3/8-26	3/8-16 3/8-24	10-1.0	.3750 .3750 .3750 .3750 .3937	5/16 P Q Q 9.0mm	.3125 .3230 .3320 .3320 .3543	S	.3480
7/16-14 7/16-18	7/16-14	10-1.25 10-1.5	.3937 .3937 .4375 .4375 .4375	8.8mm 8.5mm 23/64 U 3/8	.3465 .3346 .3594 .3680 .3750	S Q	.3480 .3320
7/16-26	7/16-20	12-1.0 12-1.25 12-1.5	.4375 .4375 .4724 .4724 .4724	25/64 Y 11.0mm 10.8mm 10.5mm	.3906 .4040 .4331 .4252 .4134	7/16 27/64 Z	.4375 .4219 .4130
1/2-12 1/2-20	1/2-13 1/2-20	12-1.75	.4724 .5000 .5000 .5000 .5000	10.3mm 13/32 27/64 7/16 29/64	.4055 .4062 .4219 .4375 .4531	Y	.4040
1/2-26		14-1.0 14-1.25 14-1.5 14-1.75 14-2.0	.5000 .5512 .5512 .5512 .5512 .5512	29/64 13.0mm 12.8mm 12.5mm 12.3mm 12.0mm	.4531 .5118 .5039 .4921 .4842 .4724	33/64 1/2 1/2 31/64 15/32	.5156 .5000 .5000 .4844 .4688