

DECIMAL EQUIVALENTS

80	.0135	55	.0520	36	.1065	15	.1800	6.5 mm	.2559	S	.3480	39/64	.6094
0.35 mm	.0138	1.35 mm	.0531	2.75 mm	.1083	4.6 mm	.1811	F	.2570	8.90 mm	.3504	15.50 mm	.6102
79	.0145	54	.0550	7/64	.1094	14	.1820	6.6 mm	.2598	9.00 mm	.3543	5/8	.6250
1/64	.0156	1.4 mm	.0551	35	.1100	13	.1850	G	.2610	T	.3580	16.00 mm	.6299
4 mm	.0157	1.45 mm	.0571	2.8 mm	.1102	4.7 mm	.1850	6.7 mm	.2638	9.10 mm	.3583	41/64	.6406
78	.0160	1.5 mm	.0591	34	.1110	4.75 mm	.1870	17/64	.2656	23/64	.3594	16.50 mm	.6496
.45 mm	.0177	53	.0595	33	.1130	3/16	.1875	6.75 mm	.2657	9.20 mm	.3622	21/32	.6562
77	.0180	1.55 mm	.0610	2.9 mm	.1142	4.8 mm	.1890	H	.2660	9.25 mm	.3642	17.00 mm	.6693
.5 mm	.0197	1/16	.0625	32	.1160	12	.1890	6.8 mm	.2677	9.30 mm	.3661	43/64	.6719
76	.0200	1.6 mm	.0630	3 mm	.1181	11	.1910	6.9 mm	.2717	U	.3680	11/16	.6875
75	.0210	52	.0635	31	.1200	4.9 mm	.1929	I	.2720	9.40 mm	.3701	17.50 mm	.6890
.55 mm	.0217	1.65 mm	.0650	3.1 mm	.1220	10	.1935	7 mm	.2756	9.50 mm	.3740	45/64	.7031
74	.0225	1.7 mm	.0669	1/8	.1250	9	.1960	J	.2770	3/8	.3750	18.00 mm	.7087
.6 mm	.0236	51	.0670	3.2 mm	.1260	5 mm	.1969	7.1 mm	.2795	V	.3770	23/32	.7188
73	.0240	1.75 mm	.0689	3.25 mm	.1280	8	.1990	K	.2810	9.60 mm	.3780	18.50 mm	.7283
72	.0250	50	.0700	30	.1285	5.1 mm	.2008	9/32	.2812	9.70 mm	.3819	47/64	.7344
.65 mm	.0256	1.8 mm	.0709	3.3 mm	.1299	7	.2010	7.2 mm	.2835	9.75 mm	.3839	19.00 mm	.7480
71	.0260	1.85 mm	.0728	3.4 mm	.1339	13/64	.2031	7.25 mm	.2854	9.80 mm	.3858	3/4	.7500
.7 mm	.0276	49	.0730	29	.1360	6	.2040	7.3 mm	.2874	W	.3860	49/64	.7656
69	.0292	1.9 mm	.0748	3.5 mm	.1378	5.2 mm	.2047	L	.2900	9.90 mm	.3898	19.50 mm	.7677
.75 mm	.0295	1.95 mm	.0768	9/64	.1406	5	.2055	7.4 mm	.2913	25/64	.3906	25/32	.7812
68	.0310	5/64	.0781	3.6 mm	.1417	5.25 mm	.2067	M	.2950	10.00 mm	.3937	20.00 mm	.7874
1/32	.0312	47	.0785	27	.1440	5.3 mm	.2087	7.5 mm	.2953	X	.3970	51/64	.7969
.8 mm	.0315	2 mm	.0787	3.7 mm	.1457	4 mm	.2090	19/64	.2969	Y	.4040	20.50 mm	.8071
67	.0320	2.05 mm	.0807	26	.1470	5.4 mm	.2126	7.6 mm	.2992	13/32	.4062	13/16	.8125
.85 mm	.0335	46	.0810	3.75 mm	.1476	3	.2130	N	.3020	Z	.4130	21.00 mm	.8268
66	.0330	45	.0820	25	.1495	5.5 mm	.2165	7.7 mm	.3031	10.50 mm	.4134	53/64	.8281
.9 mm	.0354	2.15 mm	.0846	24	.1520	7/32	.2188	7.75 mm	.3051	27/64	.4219	27/32	.8438
65	.0350	2.1 mm	.0827	3.8 mm	.1496	5.6 mm	.2205	7.8 mm	.3071	11.00 mm	.4331	21.50 mm	.8465
64	.0360	44	.0860	24	.1520	2	.2210	7.9 mm	.3110	7/16	.4375	55/64	.8594
.95 mm	.0374	2.2 mm	.0886	3.9 mm	.1535	5.7 mm	.2244	5/16	.3125	11.50 mm	.4528	22.00 mm	.8661
63	.0370	2.2 mm	.0866	23	.1540	5.75 mm	.2264	8 mm	.3150	29/64	.4531	7/8	.8750
62	.0380	43	.0890	5/32	.1562	I	.2280	O	.3160	15/32	.4688	22.50 mm	.8858
61	.0390	2.3 mm	.0906	22	.1570	5.8 mm	.2283	8.1 mm	.3189	12.00 mm	.4724	57/64	.8906
1 mm	.0394	2.35 mm	.0925	4 mm	.1575	5.9 mm	.2323	8.2 mm	.3228	31/64	.4844	23.00 mm	.9055
60	.0400	42	.0935	21	.1590	A	.2340	P	.3230	12.50 mm	.4921	29/32	.9062
59	.0410	3/32	.0938	20	.1610	15/64	.2344	8.25 mm	.3248	1/2	.5000	59/64	.9219
1.05 mm	.0413	2.4 mm	.0945	4.1 mm	.1614	6 mm	.2362	8.3 mm	.3268	13.00 mm	.5118	23.50 mm	.9252
58	.0420	41	.0960	4.2 mm	.1654	B	.2380	21/64	.3281	33/64	.5156	15/16	.9375
57	.0430	2.45 mm	.0965	19	.1660	6.1 mm	.2402	8.4 mm	.3307	17/32	.5312	24.00 mm	.9449
1.1 mm	.0433	40	.0980	4.25 mm	.1673	C	.2420	Q	.3320	13.50 mm	.5315	61/64	.9531
1.15 mm	.0453	2.5 mm	.0984	4.3 mm	.1693	6.2 mm	.2441	8.5 mm	.3346	35/64	.5469	24.50 mm	.9646
56	.0465	39	.0995	18	.1695	D	.2460	8.6 mm	.3386	14.00 mm	.5512	31/32	.9688
3/64	.0469	38	.1015	11/64	.1719	6.25 mm	.2461	R	.3390	9/16	.5625	25.00 mm	.9843
1.2 mm	.0472	2.60 mm	.1024	17	.1730	6.3 mm	.2480	8.7 mm	.3425	14.50 mm	.5709	63/64	.9844
1.25 mm	.0492	37	.1040	4.4 mm	.1732	E	.2500	11/32	.3438	37/64	.5781	1.0000	1.0000
1.3 mm	.0512	2.7 mm	.1063	16	.1770	1/4	.2500	8.75 mm	.3445	15.00 mm	.5906		
				4.5 mm	.1772	6.4 mm	.2520	8.8 mm	.3465	19/32	.5938		

TAP DRILL SIZES										METRIC TAPS				MACHINE SCREW SIZES			
Size/Pitch	Tap Drill Size (75%)	Size/Pitch	Tap Drill Size (75%)	Size/Pitch	Tap Drill Size (75%)	Size/Pitch	Tap Drill Size (75%)	Size/Pitch	Tap Drill Size (75%)	Size/Pitch	Inch Equiv.	Drill Inch	No. Sizes	Threads per Inch	Tap Drill Size	Close Fit Clearance	
0 - 80 NF	3/64	10 - 24 NC	25	9/16 - 18 NF	33/64	1.1/4 - 12 NF	1.11/64	2" - 11.5 NPS	2.7/32	1.6 - 0.35	1.25	.049	3/64	0	80	3/64	No. 52
1 - 64 NC	53	10 - 32 NF	21	5/8 - 11 NC	17/32	1.3/8 - 6 NC	1.7/32	1/16 - 27 NPT/NPTF	D	2 - 0.4	1.6	.063	1/16	1	72	No. 53	No. 48
1 - 72 NF	53	12 - 24 NC	17	5/8 - 18 NF	37/64	1.3/8 - 12 NF	1.13/64	1/8 - 27 NPT/NPTF	R	2.5 - 0.45	2.05	.081	.46	2	56	No. 51	No. 43
2 - 56 NC	51	12 - 28 NF	15	11/16 - 11 NS	19/32	1.1/2 - 6 NC	1.11/32	1/4 - 18 NPT/NPTF	7/16	3 - 0.5	2.5	.098	.40	2	64	No. 50	No. 43
2 - 64 NF	50	1/4 - 20 NC	7	11/16 - 16 NS	5/8	1.1/2 - 12 NF	1.27/64	3/8 - 18 NPT/NPTF	37/64	4 - 0.7	3.3	.130	.30	3	48	No. 47	No. 38
3 - 48 NC	47	1/4 - 28 NF	3	3/4 - 10 NC	21/32	1.3/4 - 5 NC	1.9/16	1/2 - 14 NPT/NPTF	23/32	5 - 0.8	4.2	.165	.19	3	56	No. 46	No. 38
3 - 56 NF	46	5/16 - 18 NC	F	3/4 - 16 NF	11/16	2" - 4.1/2 NC	1.25/32	3/4 - 14 NPT/NPTF	59/64	6 - 1.0	5.0	.197	.9	4	36	No. 44	No. 32
4 - 40 NC	43	5/16 - 24 NF	I	7/8 - 9 NC	49/64	1/8 - 27 NPS	S	1" - 11.5 NPT/NPTF	1.5/32	7 - 1.0	6.0	.236	15/64	4	40	No. 43	No. 32
4 - 48 NF	42	3/8 - 16 NC	5/16	7/8 - 14 NF	13/16	1/4 - 19 NPS	29/64	1.1/4 - 11.5 NPT/NPTF	1.1/2	8 - 1.25	6.8	.266	H	5	40	No. 39	No. 30
5 - 40 NC	39	3/8 - 24 NF	O	1" - 8 NC	7/8	3/8 - 18 NPS	19/32	1.1/2 - 11.5 NPT/NPTF	1.47/64	10 - 1.5	8.5	.335	Q	6	32	No. 36	No. 28
5 - 44 NF	37	7/16 - 14 NC	U	1" - 12 NF	59/64	1/2 - 14 NPS	47/64	2" - 11.5 NPT/NPTF	2.7/32	12 - 1.75	10.20	.402	Y	6	40	No. 33	No. 28
6 - 32 NC	36	7/16 - 20 NF	W	1" - 14 NS	15/16	3/4 - 14 NPS	15/16			14 - 2.0	12.0	.472	15/32	8	32	No. 29	No. 19
6 - 40 NF	33	1/2 - 13 NC	27/64	1.1/8 - 7 NC	63/64	1" - 11.5 NPS	1.3/16			16 - 2.0	14.0	.551	35/64	10	24	No. 25	No. 10
8 - 32 NC	29	1/2 - 20 NF	29/64	1.1/8 - 12 NF	1.3/64	1.1/4 - 11.5 NPS	1.33/64			18 - 2.5	15.5	.610	39/64	10	32	No. 21	No. 10
8 - 36 NF	29	9/16 - 12 NC	31/64	1.1/4 - 7 NC	1.7/64	1.1/2 - 11.5 NPS	1.3/4			20 - 2.5	17.5	.689	11/16	12	24	No. 17	No. 2
										24 - 3.0	21.0	.827	53/64	14	20	No. 10	1/4
										30 - 3.5	26.5	1.043	1.3/64	14	24	No. 7	1/4
										36 - 4.0	32.0	1.260	1.1/4				