



DECIMAL EQUIVALENT CHART

Size	Decimal Equivalent	Size	Decimal Equivalent	Size	Decimal Equivalent	Size	Decimal Equivalent	Size	Decimal Equivalent	Size	Decimal Equivalent	Size	Decimal Equivalent
#80	.0135	#55	.0520	#36	.1065	#15	.1800	6.50 mm	.2559	S	.3480	39/64	.6094
0.35 mm	.0138	1.35 mm	.0531	2.75 mm	.1083	4.60 mm	.1811	F	.2570	8.90 mm	.3504	15.50 mm	.6102
#79	.0145	#54	.0550	7/64	.1094	#14	.1820	6.60 mm	.2598	9.00 mm	.3543	5/8	.6250
1/64	.0156	1.40 mm	.0551	#35	.1100	#13	.1850	G	.2610	T	.3580	16.00 mm	.6299
0.40 mm	.0157	1.45 mm	.0571	2.80 mm	.1102	4.70 mm	.1850	6.70 mm	.2638	9.10 mm	.3583	41/64	.6406
#78	.0160	1.50 mm	.0591	#34	.1110	4.75 mm	.1870	17/64	.2656	23/64	.3594	16.50 mm	.6496
0.45 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	2.90 mm	.1142	4.80 mm	.1890	H	.2660	9.25 mm	.3642	17.00 mm	.6693
0.50 mm	.0197	1/16	.0625	#32	.1160	#12	.1890	6.80 mm	.2677	9.30 mm	.3661	43/64	.6719
#76	.0200	1.60 mm	.0630	3.00 mm	.1181	#11	.1910	6.90 mm	.2717	U	.3680	11/16	.6875
#75	.0210	#52	.0635	#31	.1200	4.90 mm	.1929	I	.2720	9.40 mm	.3701	17.50 mm	.6890
0.55 mm	.0217	1.65 mm	.0650	3.10 mm	.1220	#10	.1935	7.00 mm	.2756	9.50 mm	.3740	45/64	.7031
#74	.0225	1.70 mm	.0669	1/8	.1250	#9	.1960	J	.2770	3/8	.3750	18.00 mm	.7087
0.60 mm	.0236	#51	.0670	3.20 mm	.1260	5.00 mm	.1969	7.10 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	5.10 mm	.2008	9/32	.2812	9.70 mm	.3819	47/64	.7344
0.65 mm	.0256	1.80 mm	.0709	3.30 mm	.1299	#7	.2010	7.20 mm	.2835	9.75 mm	.3839	19.00 mm	.7480
#71	.0260	1.85 mm	.0728	3.40 mm	.1339	13/64	.2031	7.25 mm	.2854	9.80 mm	.3858	3/4	.7500
0.70 mm	.0276	#49	.0730	#29	.1360	#6	.2040	7.30 mm	.2874	W	.3860	49/64	.7656
#70	.0280	1.90 mm	.0748	3.50 mm	.1378	5.20 mm	.2047	L	.2900	9.90 mm	.3898	19.50 mm	.7677
#69	.0292	#48	.0760	#28	.1405	#5	.2055	7.40 mm	.2913	25/64	.3906	25/32	.7812
0.75 mm	.0295	1.95 mm	.0768	9/64	.1406	5.25 mm	.2067	M	.2950	10.00 mm	.3937	20.00 mm	.7874
#68	.0310	5/64	.0781	3.60 mm	.1417	5.30 mm	.2087	7.50 mm	.2953	X	.3970	51/64	.7969
1/32	.0312	#47	.0785	#27	.1440	#4	.2090	19/64	.2969	Y	.4040	20.50 mm	.8071
0.80 mm	.0315	2.00 mm	.0787	3.70 mm	.1457	5.40 mm	.2126	7.60 mm	.2992	13/32	.4062	13/16	.8125
#67	.0320	2.05 mm	.0807	#26	.1470	#3	.2130	N	.3020	Z	.4130	21.00 mm	.8268
#66	.0330	#46	.0810	3.75 mm	.1476	5.50 mm	.2165	7.70 mm	.3031	10.50 mm	.4134	53/64	.8281
0.85 mm	.0335	#45	.0820	#25	.1495	7/32	.2188	7.75 mm	.3051	27/64	.4219	27/32	.8438
#65	.0350	2.10 mm	.0827	3.80 mm	.1496	5.60 mm	.2205	7.80 mm	.3071	11.00 mm	.4331	21.50 mm	.8465
0.90 mm	.0354	2.15 mm	.0846	#24	.1520	#2	.2210	7.90 mm	.3110	7/16	.4375	55/64	.8594
#64	.0360	#44	.0860	3.90 mm	.1535	5.70 mm	.2244	5/16	.3125	11.50 mm	.4528	22.00 mm	.8661
#63	.0370	2.20 mm	.0866	#23	.1540	5.75 mm	.2264	8.00 mm	.3150	29/64	.4531	7/8	.8750
0.95 mm	.0374	2.25 mm	.0886	5/32	.1562	#1	.2280	O	.3160	15/32	.4688	22.50 mm	.8858
#62	.0380	#43	.0890	#22	.1570	5.80 mm	.2283	8.10 mm	.3189	12.00 mm	.4724	57/64	.8906
#61	.0390	2.30 mm	.0906	4.00 mm	.1575	5.90 mm	.2323	8.20 mm	.3228	31/64	.4844	23.00 mm	.9055
1.00 mm	.0394	2.35 mm	.0925	#21	.1590	A	.2340	P	.3230	12.50 mm	.4921	29/32	.9062
#60	.0400	#42	.0935	#20	.1610	15/64	.2344	8.25 mm	.3248	1/2	.5000	59/64	.9219
#59	.0410	3/32	.0938	4.10 mm	.1614	6.00 mm	.2362	8.30 mm	.3268	13.00 mm	.5118	23.50 mm	.9252
1.05 mm	.0413	2.40 mm	.0945	4.20 mm	.1654	B	.2380	21/64	.3281	33/64	.5156	15/16	.9375
#58	.0420	#41	.0960	#19	.1660	6.10 mm	.2402	8.40 mm	.3307	17/32	.5312	24.00 mm	.9449
#57	.0430	2.45 mm	.0965	4.25 mm	.1673	C	.2420	Q	.3320	13.50 mm	.5315	61/64	.9531
1.10 mm	.0433	#40	.0980	4.30 mm	.1693	6.20 mm	.2441	8.50 mm	.3346	35/64	.5469	24.50 mm	.9646
1.15 mm	.0453	2.50 mm	.0984	#18	.1695	D	.2460	8.60 mm	.3386	14.00 mm	.5512	31/32	.9688
#56	.0465	#39	.0995	11/64	.1719	6.25 mm	.2461	R	.3390	9/16	.5625	25.00 mm	.9843
3/64	.0469	#38	.1015	#17	.1730	6.30 mm	.2480	8.70 mm	.3425	14.50 mm	.5709	63/64	.9844
1.20 mm	.0472	2.60 mm	.1024	4.40 mm	.1732	E	.2500	11/32	.3438	37/64	.5781	1.0000	1.0000
1.25 mm	.0492	#37	.1040	#16	.1770	1/4	.2500	8.75 mm	.3445	15.00 mm	.5906		
1.30 mm	.0512	2.70 mm	.1063	4.50 mm	.1772	6.40 mm	.2520	8.80 mm	.3465	19/32	.5938		

TAP DRILL SIZES - UNC/UNF CUT TAPS & NPS/NPT(F) PIPE TAPS										METRIC TAPS			THREAD FORMING TAPS				
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	Drill mm	Inch Equiv.	Drill Inch	Size/Pitch	Tap Drill Size (65%)	Size/Pitch	Tap Drill Size (65%)
0 - 80 UNF	3/64	10 - 24 UNC	#25	9/16 - 18 UNF	33/64	1.1/4 - 12 UNF	1.11/64	1/16 - 27 NPT/NPTF	D	1.6 x 0.35	1.25	.049	3/64	0-80	#54	1/4-20	#1
1 - 64 UNC	#53	10 - 32 UNF	#21	5/8 - 11 UNC	17/32	1.3/8 - 6 UNC	1.7/32	1/8 - 27 NPT/NPTF	R	2 x 0.4	1.60	.063	1/16	1-64	1.65 mm	1/4-28	A
1 - 72 UNF	#53	12 - 24 UNC	#17	5/8 - 18 UNF	37/64	1.3/8 - 12 UNF	1.19/64	1/4 - 18 NPT/NPTF	7/16	2.5 x 0.45	2.05	.081	#46	1-72	1.70 mm	5/16 - 18	7.30 mm
2 - 56 UNC	#51	12 - 28 UNF	#15	11/16 - 11 UNS	19/32	1.1/2 - 6 UNC	1.11/32	3/8 - 18 NPT/NPTF	37/64	3 x 0.5	2.50	.098	#40	2-56	5/64	5/16 - 24	M
2 - 64 UNF	#50	1/4 - 20 UNC	#7	11/16 - 16 UNS	5/8	1.1/2 - 12 UNF	1.27/64	1/2 - 14 NPT/NPTF	23/32	4 x 0.7	3.30	.130	#30	2-64	2.00 mm	3/8 - 16	S
3 - 48 UNC	#47	1/4 - 28 UNF	#3	3/4 - 10 UNC	21/32	1.3/4 - 5 UNC	1.9/16	3/4 - 14 NPT/NPTF	59/64	5 x 0.8	4.20	.165	#19	3-48	#43	3/8 - 24	T
3 - 56 UNF	#46	5/16 - 18 UNC	F	3/4 - 16 UNF	11/16	2" - 4.1/2 UNC	1.25/32	1" - 11.5 NPT/NPTF	1.5/32	6 x 1.0	5.00	.197	#9	3-56	2.30 mm	7/16 - 14	13/32
4 - 40 UNC	#43	5/16 - 24 UNF	I	7/8 - 9 UNC	49/64			1.1/4 - 11.5 NPT/NPTF	1.1/2	7 x 1.0	6.00	.236	15/64	4-40	#39	7/16 - 20	10.5 mm
4 - 48 UNF	#42	3/8 - 16 UNC	5/16	7/8 - 14 UNF	13/16	PIPE TAPS		1.1/2 - 11.5 NPT/NPTF	1.47/64	8 x 1.25	6.80	.266	H	4-48	2.60 mm	1/2 - 13	11.8 mm
5 - 40 UNC	#39	3/8 - 24 UNF	Q	1" - 8 UNC	7/8	1/8 - 27 NPS	S	2" - 11.5 NPT/NPTF	2.7/32	10 x 1.5	8.50	.335	Q	5-40	#33	1/2 - 20	12.1 mm
5 - 44 UNF	#37	7/16 - 14 UNC	U	1" - 12 UNF	59/64	1/4 - 19 NPS	29/64			12 x 1.75	10.20	.402	Y	5-44	2.90 mm		
6 - 32 UNC	#36	7/16 - 20 UNF	W	1" - 14 UNS	15/16	3/8 - 18 NPS	19/32			14 x 2.0	12.00	.472	15/32	6-32	1/8		
6 - 40 UNF	#33	1/2 - 13 UNC	27/64	1.1/8 - 7 UNC	63/64	1/2 - 14 NPS	47/64			16 x 2.0	14.00	.551	35/64	6-40	3.20 mm		
8 - 32 UNC	#29	1/2 - 20 UNF	29/64	1.1/8 - 12 UNF	1.3/64	3/4 - 14 NPS	15/16			18 x 2.5	15.50	.610	39/64	8-32	#25		
8 - 36 UNF	#29	9/16 - 12 UNC	31/64	1.1/4 - 7 UNC	1.7/64	1" - 11.5 NPS	1.3/16			20 x 2.5	17.50	.689	11/16	8-36	#24		
						1.1/4 - 11.5 NPS	1.33/64			24 x 3.0	21.00	.827	53/64	10-24	11/64		
						1.1/2 - 11.5 NPS	1.3/4			30 x 3.5	26.50	1.043	1.3/64	10-32	#16		
						2" - 11.5 NPS	2.7/32			36 x 4.0	32.00	1.260	1.1/4	12-24	5.00 mm		
														12-28	#8		

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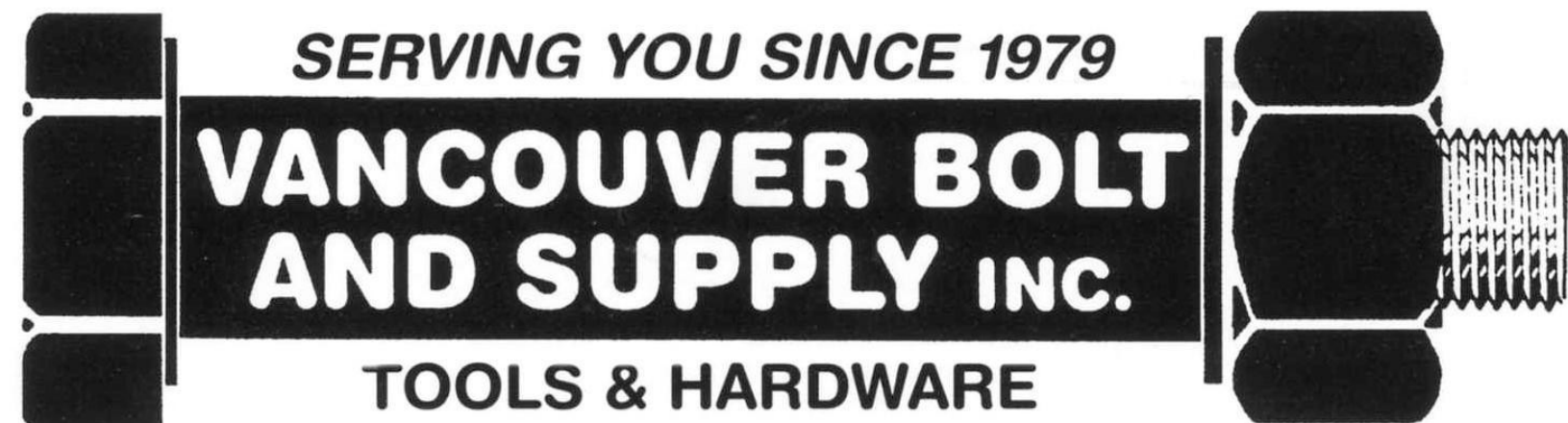
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