DG HARDWARE
Your Convenient Neighborhood Hardware Store

Decimal Equivalents

Fractional, Number, Letter and Metric Sizes

Recommended Tap Drill Sizes Based on Approximately 75% Thread

Inch	Decimal	Wire	mm	Tap Sizes To be used with drills as indicated
	.0059	97	.15	
	.0063	96	.16	
	.0067	95	.17	
	.0071	94	.18	
	.0075	93	.19	
	.0079	92	.20	
	.0083	91	.21	
	.0087	90	.22	
	.0091	89	.23	
	.0094		.24	
	.0095	88		
	.0098		.25	
	.0100	87		
	.0102		.26	
	.0105	86		
	.0106		.27	
	.0110	85	.28	
	.0114		.29	
	.0115	84		
	.0118		.30	
	.0120	83		
	.0125	82		
	.0126		.32	
	.0130	81		
	.0134		.34	
	.0135	80		
	.0138		.35	
	.0142		.36	
	.0145	79		
	.0150		.38	
1/64	.0156			
	.0157		.4	
	.0160	78		
	.0165		.42	
	.0173		.44	
	.0177		.45	
	.0180	77		
	.0181		.46	
	.0189		.48	
	.0197		.5	
	.0200	76		
	.0210	75		
	.0217		.55	
	.0225	74		
	.0236		.6	
	.0240	73		
	.0250	72		
	.0256		.65	
	.0260	71		
	.0276		.7	
	.0280	70		
	.0292	69		
	.0295	68	.75	
	.0310			
1/32	.0312			
	.0315		.8	
	.0320	67		
	.0330	66		
	.0335		.85	
	.0350	65		
	.0354		.9	
	.0360	64		
	.0370	63		
	.0374		.95	
	.0380	62		
	.0390	61		
	.0394		1.	
	.0400	60		
	.0410	59		
	.0413		1.05	
	.0420	58		
	.0430	57		
	.0433		1.1	
	.0453		1.15	
	.0465	56		
3/54				
	.0469			#0-80
	.0472		1.2	

Inch	Decimal	Wire	mm	Tap Sizes To be used with drills as indicated
	.0492		1.25	
	.0512		1.3	
	.0520	55		
	.0531			
	.0550	54		
	.0551		1.4	
	.0571		1.45	
	.0591		1.5	
	.0595	53		
	.0610		1.55	
1/16	.0625			
	.0630		1.6	
	.0635	52		
	.0650		1.65	
	.0669		1.7	
	.0670	51		
	.0689		1.75	
	.0700	50		
	.0709		1.8	
	.0728		1.85	
	.0730	49		
	.0748		1.9	
	.0760	48		
	.0768		1.95	
5/64	.0781			
	.0785	47		
	.0787		2.	
	.0807		2.05	
	.0810	46		
	.0820	45		
	.0827		2.1	
	.0846		2.15	
	.0860	44		
	.0866		2.2	
	.0886		2.25	
	.0890	43		
	.0906		2.3	
	.0925		2.35	
	.0935	42		
3/32	.0938			
	.0945		2.4	
	.0960	41		
	.0965		2.45	
	.0980	40		
	.0984		2.5	
	.0995	39		
	.1015	38		
	.1024		2.6	
	.1040	37		
	.1063		2.7	
	.1065	36		
	.1083		2.75	
7/64	.1094			
	.1100	35		
	.1102		2.8	
	.1110	34		
	.1130	33		
	.1142		2.9	
	.1160	32		
	.1181		3.	
	.1200	31		
	.1220		3.1	
1/8	.1250			
	.1260		3.2	
	.1280		3.25	
	.1285	30		
	.1299		3.3	
	.1339		3.4	
	.1360	29		
	.1378		3.5	
	.1405	28		
9/64	.1406			
	.1417		3.6	
	.1440	27		
	.1457		3.7	
	.1470	26		
	.1476		3.75	

Inch	Decimal	Wire and letter	mm	Tap Sizes To be used with drills as indicated
	.1495	25		#10-24
	.1496		3.8	
	.1520	24		
	.1535		3.9	
	.1540	23		
	.1562			
	.1570	22		3/16-32NS
	.1575		4.	
	.1590	21		#10-32
	.1610	20		
	.1614		4.1	
	.1654		4.2	
	.1660	19		
	.1673		4.25	
	.1693		4.3	
	.1695	18		
	.1719			
	.1730	17		#12-24
	.1732		4.4	
	.1770	16		7/32-24NS
	.1772		4.5	
	.1800	15		#12-28
	.1811		4.6	
	.1820	14		
	.1850	13		
	.1850		4.7	
	.1870		4.75	
	.1875			
	.1890		4.8	
	.1890	12		7/32-32NS
	.1910	11		
	.1929		4.9	
	.1935	10		
	.1960	9		
	.1969		5.	
	.1990	8		1/4-20
	.2008		5.1	
	.2010	7		
13/64	.2031			
	.2040	6		
	.2047		5.2	
	.2055	5		
	.2067		5.25	
	.2087		5.3	
	.2090	4		
	.2126		5.4	
	.2130	3		1/4-28
	.2165		5.5	
7/32	.2188			
	.2205		5.6	
	.2210	2		
	.2244		5.7	
	.2264		5.75	
	.2280	1		
	.2283		5.8	
	.2323		5.9	
	.2340	A		
15/64	.2344			
	.2362		6.	
	.2380	B		
	.2402		6.1	
	.2420	C		
	.2441		6.2	
	.2460	D		
	.2461		6.25	
	.2480		6.3	
1/4	.2500	E		
	.2520		6.4	
	.2559		6.5	
	.2570	F		5/16-18NC
	.2598		6.6	
	.2610	G		
	.2638		6.7	
17/64	.2656			
	.2657		6.75	
	.2660	H		3/16-24NS
	.2677		6.8	

Inch	Decimal	Letter	mm	Tap Sizes To be used with drills as indicated
	.2717		6.9	
	.2720	I		
	.2756		7.	
	.2770	J		
	.2795		7.1	
	.2810	K		
9/32	.2812			
	.2835		7.2	
	.2854		7.25	
	.2874		7.3	
	.2900	L		
	.2913		7.4	
	.2950	M		
	.2953		7.5	
19/64	.2969			
	.2992		7.6	
	.3020	N		
	.3031		7.7	
	.3051		7.75	
	.3071		7.8	
	.3110		7.9	
5/16	.3125			
	.3150		8.	
	.3160	O		
	.3189		8.1	
	.3228		8.2	
	.3230	P		
	.3248		8.25	
	.3268		8.3	
21/64	.3281			
	.3307		8.4	
	.3320	Q		
	.3346		8.5	
	.3386		8.6	
	.3390	R		
	.3425		8.7	
11/32	.3438			
	.3445		8.75	
	.3465		8.8	
	.3480	S		
	.3504		9.8	
	.3543		9.	
	.3580	T		
	.3583		9.1	
23/64	.3594			
	.3622		9.2	
	.3642		9.25	
	.3661		9.3	
	.3680	U		
	.3701		9.4	
	.3740		9.5	
3/8	.3750			
	.3770	V		
	.3780		9.6	
	.3819		9.7	
	.3839		9.75	
	.3858		9.8	
	.3860	W		
	.3898		9.9	
25/64	.3906			
	.3937		10.	
	.3970	X		
	.4040	Y		
13/32	.4062			
	.4130	Z		
	.4134		10.5	
27/64	.4219			
	.4331		11.	
7/16	.4375			
	.4528		11.5	
29/64	.4531			
15/32	.4688			
	.4724		12.	
31/64	.4844			
	.4921		12.5	
1/2	.5000			
	.5118		13.	

Inch	Decimal	mm	Tap Sizes To be used with drills as indicated
	.5156		9/16-8
	.5312		
	.5315	13.5	
	.5469		
	.5512	14.	5/8-11
9/16	.5625		
	.5709	14.5	
	.5781		5/8-18NF
	.5906	15.	3/8-18 Pipe
	.5938		
	.6094		
	.6102	15.5	
5/8	.6250		11/16-16NS
	.6299	16.	
	.6406		
	.6496	16.5	
	.6562		3/4-10NC
	.6693	17.	
	.6719		
	.6875		3/4-16NF
11/16			
	.6890	17.5	
	.7031		
	.7087	18.	
	.7188		1/2-14 Pipe
	.7283	18.5	
	.7344		
	.7480	19.	
3/4	.7500		
	.7656		7/8-9NC
	.7677	19.5	
	.7812		
	.7874	20.	
	.7969		
	.8071	20.5	
	.8125		7/8-14NF
	.8268	21.	
	.8281		
	.8438		
	.8465	21.5	
	.8594		
	.8661	22.	
7/8	.8750		1-8NC
	.8858	22.5	
	.8906		
	.9055	23.	
	.9062		
	.9219		3/4-14 Pipe
	.9252	23.5	
15/16	.9375		1-14NF
	.9449	24.	
61/64	.9531		
	.9646	24.5	
31/32	.9688		
	.9843	25.	
63/64	.9844		1-1/8-7NC
1	1.0000		
	1.0039	25.5	
1-1/64	1.0156		
	1.0236	26.	
1-1/32	1.0312		
	1.0433	26.5	
1-3/64	1.0469		1-1/8-12NF
1-3/18	1.0625		
	1.0630	27.	
1-5/64	1.0781		
	1.0827	27.5	
1-3/32	1.0938		
	1.1024	28.	
1-7/64	1.1094		1-1/4-7NC
	1.1220	28.5	
1-1/8	1.1250		
1-9/64	1.1406		
	1.1417	29.	
1-5/32	1.1562		1-11-1/2 Pipe
	1.1614	29.5	
1-11/64	1.1719		1-1/4-12NF