

Drill Size Conversion Table


This table is the chart for converting and identifying various drill bit sizes. Because of differences in numbering systems, some conversions are approximated but are within .0001 inch. If all else fails, you may want to use our [Tap Drill Size Calculator](#). The information available from our sources is usually sufficient for all computer related drill or screw requirements world wide.

Fract. (in)	Decimal	Wire No. /Letter	Metric (mm)	Fract. (in)	Decimal	Wire No. /Letter	Metric (mm)	Fract. (in)	Decimal	Wire No. /Letter	Metric (mm)
	0.0098		0.25		0.1065	36			0.3480	S	
	0.0118		0.30	7/64	0.1094				0.3543		9.00
	0.0135	80			0.1100	35			0.3580	T	
	0.0138		0.35		0.1102		2.80	23/64	0.3594		
	0.0145	79			0.1110	34			0.3680	U	
1/64	0.0156				0.1130	33			0.3740		9.50
	0.0157		0.40		0.1142		2.90	3/8	0.3750		
	0.0160	78			0.1160	32			0.3770	V	
	0.0177		0.45		0.1181		3.00		0.3860	W	
	0.0180	77			0.1200	31		25/64	0.3906		
	0.0197		0.50	1/8	0.1250				0.3937		10.00
	0.0200	76			0.1285	30			0.3970	X	
	0.0210	75			0.1360	29			0.4040	Y	
	0.0217		0.55		0.1378		3.50	13/32	0.4063		
	0.0225	74			0.1405	28			0.4130	Z	
	0.0236		0.60	9/64	0.1406				0.4134		10.50
	0.0240	73			0.1440	27		27/64	0.4219		
	0.0250	72			0.1470	26			0.4331		11.00
	0.0256		0.65		0.1495	25		7/16	0.4375		
	0.0260	71			0.1520	24			0.4528		11.50
	0.0276		0.70		0.1540	23		29/64	0.4531		
	0.0280	70		5/32	0.1563			15/32	0.4688		
	0.0292	69			0.1570	22			0.4724		12.00
	0.0295		0.75		0.1575		4.00	31/64	0.4844		
	0.0310	68			0.1590	21			0.4921		12.50
1/32	0.0313				0.1610	20		1/2	0.5000		
	0.0315		0.80		0.1660	19			0.5118		13.00
	0.0320	67			0.1695	18		33/64	0.5156		
	0.0330	66		11/64	0.1719			17/32	0.5313		

	0.0335		0.85		0.1730	17			0.5315		13.50
	0.0350	65			0.1770	16		35/64	0.5469		
	0.0354		0.90		0.1772		4.50		0.5512		14.00
	0.0360	64			0.1800	15		9/16	0.5625		
	0.0370	63			0.1820	14			0.5709		14.50
	0.0374		0.95		0.1850	13		37/64	0.5781		
	0.0380	62		3/16	0.1875				0.5905		15.00
	0.0390	61			0.1890	12		19/32	0.5938		
	0.0394		1.00		0.1910	11		39/64	0.6094		
	0.0400	60			0.1935	10			0.6102		15.50
	0.0410	59			0.1960	9		5/8	0.6250		
	0.0420	58			0.1968		5.00		0.6299		16.00
	0.0430	57			0.1990	8		41/64	0.6406		
	0.0433		1.10		0.2010	7			0.6496		16.50
	0.0465	56		13/64	0.2031			21/32	0.6563		
3/64	0.0469				0.2040	6			0.6693		17.00
	0.0472		1.20		0.2055	5		43/64	0.6719		
	0.0512		1.30		0.2090	4		11/16	0.6875		
	0.0520	55			0.2130	3			0.6890		17.50
	0.0550	54			0.2165		5.50	45/64	0.7031		
	0.0551		1.40	7/32	0.2188				0.7087		18.00
	0.0591		1.50		0.2210	2		23/32	0.7188		
	0.0595	53			0.2280	1			0.7283		18.50
1/16	0.0625				0.2340	A		47/64	0.7344		
	0.0630		1.60	15/64	0.2344				0.7480		19.00
	0.0635	52			0.2362		6.00	3/4	0.7500		
	0.0669		1.70		0.2380	B		49/64	0.7656		
	0.0670	51			0.2420	C			0.7677		19.50
	0.0700	50			0.2460	D		25/32	0.7813		
	0.0709		1.80	1/4	0.2500	E			0.7874		20.00
	0.0730	49			0.2559		6.50	51/64	0.7969		
	0.0748		1.90		0.2570	F			0.8071		20.50
	0.0760	48			0.2610	G		13/16	0.8125		
5/64	0.0781			17/64	0.2656				0.8268		21.00
	0.0785	47			0.2660	H		53/64	0.8281		
	0.0787		2.00		0.2720	I		27/32	0.8438		
	0.0810	46			0.2756		7.00		0.8465		21.50
	0.0820	45			0.2770	J		55/64	0.8594		

	0.0827		2.10		0.2810	K			0.8661		22.00
	0.0860	44		9/32	0.2813			7/8	0.8750		
	0.0866		2.20		0.2900	L			0.8858		22.50
	0.0890	43			0.2950	M		57/64	0.8906		
	0.0906		2.30		0.2953		7.50		0.9055		23.00
	0.0935	42		19/64	0.2969			29/32	0.9063		
3/32	0.0938				0.3020	N		59/64	0.9219		
	0.0945		2.40	5/16	0.3125				0.9252		23.50
	0.0960	41			0.3150		8.00	15/16	0.9375		
	0.0980	40			0.3160	O			0.9449		24.00
	0.0984		2.50		0.3230	P		61/64	0.9531		
	0.0995	39		21/64	0.3281				0.9646		24.50
	0.1015	38			0.3320	Q		31/32	0.9688		
	0.1024		2.60		0.3346		8.50		0.9842		25.00
	0.1040	37			0.3390	R		63/64	0.9844		
	0.1063		2.70	11/32	0.3438			1	1.0000		
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Version 1.0.1

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