

# Conversions for Fractional, Decimal, Number & Letter Drill Sizes and Metric

Wayne Racinowski Revised 12-4-20

Fraction (Inches)	Decimal	Drill Number	Milli-meter	Fraction (Inches)	Decimal	Drill Number	Milli-meter	Fraction (Inches)	Decimal	Drill Number	Milli-meter	Fraction (Inches)	Decimal	Drill Number	Milli-meter	Fraction (Inches)	Decimal	Drill Number	Milli-meter
	0.0039		0.1		0.0433		1.1		0.1100	35			0.1811		4.6		0.2598		6.6
	0.0079		0.2		0.0465	56			0.1102		2.8		0.1820	14			0.2638		6.7
	0.0118		0.3	3/64	0.0469		1.191		0.1110	34			0.1850	13	4.7	17/64	0.2656		6.747
	0.0135	80			0.0472		1.2		0.1130	33		3/16	0.1875		4.763		0.2660	H	
	0.0138		0.35		0.0512		1.3		0.1142		2.9		0.1890	12	4.8		0.2677		6.8
	0.0145	79			0.0520	55			0.1160	32			0.1910	11			0.2717		6.9
1/64	0.0156		0.397		0.0550	54			0.1181		3		0.1929		4.9		0.2720	I	
	0.0157		0.4		0.0551		1.4		0.1200	31			0.1935	10			0.2756		7
	0.0160	78			0.0591		1.5		0.1220		3.1		0.1960	9			0.2770	J	
	0.0177		0.45		0.0595	53		1/8	0.1250		3.175		0.1969		5		0.2795		7.1
	0.0180	77		1/16	0.0625		1.588		0.1260		3.2		0.1990	8			0.2810	K	
	0.0200	76			0.0630		1.6		0.1285	30			0.2008		5.1	9/32	0.2813		7.144
	0.0210	75			0.0635	52			0.1299		3.3		0.2010	7			0.2835		7.2
	0.0197		0.5		0.0669		1.7		0.1339		3.4	13/64	0.2031		5.159		0.2874		7.3
	0.0217		0.55		0.0670	51			0.1360	29			0.2040	6			0.2900	L	
	0.0225	74			0.0700	50			0.1378		3.5		0.2047		5.2		0.2913		7.4
	0.0236		0.6		0.0709		1.8		0.1405	28			0.2055	5			0.2950	M	
	0.0240	73			0.0730	49		9/64	0.1406		3.572		0.2087		5.3		0.2953		7.5
	0.0250	72			0.0748		1.9		0.1417		3.6		0.2090	4		19/64	0.2969		7.541
	0.0256		0.65		0.0760	48			0.1440	27			0.2126		5.4		0.2992		7.6
	0.0260	71		5/64	0.0781		1.984		0.1457		3.7		0.2130	3			0.3020	N	
	0.0276		0.7		0.0785	47			0.1470	26			0.2165		5.5		0.3031		7.7
	0.0280	70			0.0787		2		0.1495	25		7/32	0.2188		5.556		0.3071		7.8
	0.0292	69			0.0810	46			0.1496		3.8		0.2205		5.6		0.3110		7.9
	0.0295		0.75		0.0820	45			0.1520	24			0.2210	2		5/16	0.3125		7.938
	0.0310	68			0.0827		2.1		0.1535		3.9		0.2244		5.7		0.3150		8
1/32	0.0313		0.794		0.0860	44			0.1540	23			0.2280	1			0.3160	O	
	0.0315		0.8		0.0866		2.2	5/32	0.1563		3.969		0.2283		5.8		0.3189		8.1
	0.0320	67			0.0890	43			0.1570	22			0.2323		5.9		0.3228		8.2
	0.0330	66			0.0906		2.3		0.1575		4		0.2340	A			0.3230	P	
	0.0335		0.85		0.0935	42			0.1590	21		15/64	0.2344		5.953		0.3268		8.3
	0.0350	65		3/32	0.0938		2.381		0.1610	20			0.2362		6	21/64	0.3281		8.334
	0.0354		0.9		0.0945		2.4		0.1614		4.1		0.2380	B			0.3307		8.4
	0.0360				0.0960	41			0.1654		4.2		0.2402		6.1		0.3320	Q	
	0.0370				0.0980	40			0.1660	19			0.0242	C			0.3346		8.5
	0.0374		0.95		0.0984		2.5		0.1693		4.3		0.2441		6.2		0.3386		8.6
	0.0380	62			0.0995	39			0.1695	18			0.2460	D			0.3390	R	
	0.0390	61			0.1015	38		11/64	0.1719		4.366		0.2480		6.3		0.3425		8.7
	0.0394		1		0.1024		2.6		0.1730	17		1/4	0.2500	E	6.35	11/32	0.3438		8.731
	0.0400	60			0.1040	37			0.1732		4.4		0.2520		6.4		0.3465		8.8
	0.0410	59			0.1063		2.7		0.1770	16			0.2559		6.5		0.3480	S	
	0.0420	58			0.1065	36			0.1772		4.5		0.2570	F			0.3504		8.9
	0.0430	57		7/64	0.1094		2.778		0.1800	15			0.2610	G			0.3543		9

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Fraction (Inches)	Decimal	Drill Number	Milli-meter	Fraction (Inches)	Decimal	Drill Number	Milli-meter	Fraction (Inches)	Decimal	Drill Number	Milli-meter	Fraction (Inches)	Decimal	Drill Number	Milli-meter	Fraction (Inches)	Decimal	Drill Number	Milli-meter
	0.3580	T			0.4685		11.9		0.6024		15.3	47/64	0.7344		18.653		0.8661		22
	0.3583		9.1	15/32	0.4688		11.906		0.6063		15.4		0.7362		18.7		0.8701		22.1
23/64	0.3594		9.128		0.4724		12	39/64	0.6094		15.478		0.7402		18.8		0.8740		22.2
	0.3622		9.2		0.4764		12.1		0.6102		15.5		0.7441		18.9	7/8	0.8750		22.225
	0.3661		9.3		0.4803		12.2		0.6142		15.6		0.7480		19		0.8780		22.3
	0.3680	U			0.4843		12.3		0.6181		15.7	3/4	0.7500		19.05		0.8819		22.4
	0.3701		9.4	31/64	0.4844		12.303		0.6220		15.8		0.7520		19.1		0.8858		22.5
	0.3740		9.5		0.4882		12.4	5/8	0.6250		15.875		0.7559		19.2		0.8898		22.6
3/8	0.3750		9.525		0.4921		12.5		0.6260		15.9		0.7598		19.3	57/64	0.8906		22.622
	0.3770	V			0.4961		12.6		0.6299		16		0.7638		19.4		0.8937		22.7
	0.3780		9.6	1/2	0.5000		12.7		0.6339		16.1	49/64	0.7656		19.447		0.8976		22.8
	0.3819		9.7		0.5039		12.8		0.6378		16.2		0.7677		19.5		0.9016		22.9
	0.3858		9.8		0.5079		12.9	41/64	0.6406		16.272		0.7717		19.6		0.9055		23
	0.3860	W			0.5118		13		0.6417		16.3		0.7756		19.7	29/32	0.9063		23.019
	0.3898		9.9	33/64	0.5156		13.097		0.6457		16.4		0.7795		19.8		0.9094		23.1
25/64	0.3906		9.922		0.5157		13.1		0.6496		16.5	25/32	0.7813		19.844		0.9134		23.2
	0.3937		10		0.5197		13.2		0.6535		16.6		0.7835		19.9		0.9173		23.3
	0.3970	X			0.5236		13.3	21/32	0.6563		16.669		0.7874		20		0.9213		23.4
	0.3976		10.1		0.5276		13.4		0.6575		16.7		0.7913		20.1	59/64	0.9219		23.416
	0.4016		10.2	17/32	0.5313		13.494		0.6614		16.8		0.7953		20.2		0.9252		23.5
	0.4040	Y			0.5315		13.5		0.6654		16.9	51/64	0.7969		20.241		0.9291		23.6
	0.4055		10.3		0.5354		13.6		0.6693		17		0.7992		20.3		0.9331		23.7
13/32	0.4063		10.319		0.5394		13.7	43/64	0.6719		17.066		0.8031		20.4		0.9370		23.8
	0.4094		10.4		0.5433		13.8		0.6732		17.1		0.8071		20.5	15/16	0.9375		23.813
	0.4130	Z		35/64	0.5469		13.891		0.6772		17.2		0.8110		20.6		0.9409		23.9
	0.4134		10.5		0.5472		13.9		0.6811		17.3	13/16	0.8125		20.638		0.9449		24
	0.4173		10.6		0.5512		14		0.6850		17.4		0.8150		20.7		0.9488		24.1
	0.4213		10.7		0.5551		14.1	11/16	0.6875		17.463		0.8189		20.8		0.9528		24.2
27/64	0.4219		10.716		0.5591		14.2		0.6890		17.5		0.8228		20.9	61/64	0.9531		24.209
	0.4252		10.8	9/16	0.5625		14.288		0.6929		17.6		0.8268		21		0.9567		24.3
	0.4291		10.9		0.5630		14.3		0.6968		17.7	53/64	0.8281		21.034		0.9606		24.4
	0.4331		11		0.5669		14.4		0.7008		17.8		0.8307		21.1		0.9646		24.5
	0.4370		11.1		0.5709		14.5	45/64	0.7031		17.859		0.8346		21.2		0.9685		24.6
7/16	0.4375		11.113		0.5748		14.6		0.7047		17.9		0.8386		21.3	31/32	0.9688		24.606
	0.4409		11.2	37/64	0.5781		14.684		0.7087		18		0.8425		21.4		0.9724		24.7
	0.4449		11.3		0.5787		14.7		0.7126		18.1	27/32	0.8438		21.431		0.9764		24.8
	0.4488		11.4		0.5827		14.8		0.7165		18.2		0.8465		21.5		0.9803		24.9
	0.4528		11.5		0.5866		14.9	23/32	0.7188		18.256		0.8504		21.6		0.9843		25
29/64	0.4531		11.509		0.5906		15		0.7205		18.3		0.8543		21.7	63/64	0.9844		25.003
	0.4567		11.6	19/32	0.5938		15.081		0.7244		18.4		0.8583		21.8		0.9882		25.1
	0.4606		11.7		0.5945		15.1		0.7283		18.5	55/64	0.8594		21.828		0.9921		25.2
	0.4646		11.8		0.5984		15.2		0.7323		18.6		0.8622		21.9		0.9961		25.3
																1	1.0000		25.40