

Decimal Equivalency Chart (Part 1)

Inch	Dec- imal	Wire	mm	Tap Sizes	Inch	Dec- imal	Wire	mm	Tap Sizes	Inch	Dec- imal	Wire	mm	Tap Sizes
	.0059	97	.15			.0390	61				.1100	35		
	.0063	96	.16			.0394		1.			.1102		2.8	
	.0067	95	.17			.0400	60				.1110	34		
	.0071	94	.18			.0410	59				.1130	33		#6-40
	.0075	93	.19			.0413		1.05			.1142		2.9	
	.0079	92	.20			.0420	58				.1160	32		
	.0083	91	.21			.0430	57				.1181		3.	
	.0087	90	.22			.0433		1.1			.1200	31		
	.0091	89	.23			.0453		1.15			.1220		3.1	
	.0094		.24			.0465	56			1/8	.1250			5/32-32NS
	.0095	88			3/64	.0469			#0-80		.1260		3.2	
	.0098		.25			.0472		1.2			.1280		3.25	
	.0100	87				.0492		1.25			.1285	30		5/32-36NS
	.0102		.26			.0512		1.3			.1299		3.3	
	.0105	86				.0520	55				.1339		3.4	
	.0106		.27			.0531		1.35			.1360	29		#8-32
	.0110	85	.28			.0550	54				.1378		3.5	
	.0114		.29			.0551		1.4			.1405	28		
	.0015	84				.0571		1.45		9/64	.1406			
	.0118		.30			.0591		1.5			.1417		3.6	
	.0120	83				.0595	53				.1440	27		
	.0125	82				.0610		1.55			.1457		3.7	
	.0126		.32		1/16	.0625			#1-64		.1470	26		3/16-24NS
	.0130	81				.0630		1.6			.1476		3.75	
	.0134		.34			.0635	52		#1-72		.1495	25		#10-24
	.0135	80				.0650		1.65			.1496		3.8	
	.0138		.35			.0669		1.7			.1520	24		
	.0142		.36			.0670	51		#2-56		.1535		3.9	
	.0145	79				.0689		1.75			.1540	23		
	.0150		.38			.0700	50		#2-64	5/32	.1562			
1/64	.0156					.0709		1.8			.1570	22		3/16-32NS
	.0157		.4			.0728		1.85			.1575		4.	
	.0160	78				.0730	49				.1590	21		#10-32
	.0165		.42			.0748		1.9			.1610	20		
	.0173		.44			.0760	48				.1614		4.1	
	.0177		.45			.0768		1.95			.1654		4.2	
	.0180	77			5/64	.0781			#3-48		.1660	19		
	.0181		.46			.0785	47				.1673		4.25	
	.0189		.48			.0787		2.			.1693		4.3	
	.0197		.5			.0807		2.05			.1695	18		
	.0200	76				.0810	46		#3-56	11/64	.1719			
	.0210	75				.0820	45				.1730	17		#12-24
	.0217		.55			.0827		2.1			.1732		4.4	
	.0225	74				.0846		2.15			.1770	16		7/32-24NS
	.0236		.6			.0860	44				.1772		4.5	
	.0240	73				.0866		2.2			.1800	15		#12-28
	.0250	72				.0886		2.25			.1811		4.6	
	.0256		.65			.0890	43		#4-40		.1820	14		
	.0260	71				.0906		2.3			.1850	13		
	.0276		.7			.0925		2.35			.1850		4.7	
	.0280	70				.0935	42		#4-48		.1870		4.75	
	.0292	69			3/32	.0938				3/16	.1875			
	.0295		.75			.0945		2.4			.1890		4.8	
	.0310	68				.0960	41				.1890	12		7/32-32NS
1/32	.0312					.0965		2.45			.1910	11		
	.0315		.8			.0980	40				.1929		4.9	
	.0320	67				.0984		2.5			.1935	10		
	.0330	66				.0995	39		#5-40		.1960	9		
	.0335		.85			.1015	38				.1969		5.	
	.0350	65				.1024		2.6			.1990	8		1/4-20
	.0354		.9			.1040	37		#5-44		.2008		5.1	
	.0360	64				.1063		2.7			.2010	7		
	.0370	63				.1065	36		#6-32	13/64	.2031			
	.0374		.95			.1083		2.75						
	.0380	62			7/64	.1094								

Decimal Equivalency Chart (Part 2)

Inch	Decimal	Wire & Letter	mm	Tap Sizes	Inch	Decimal	Wire & Letter	mm	Tap Sizes	Inch	Decimal	mm	Tap Sizes
	.2040	6			21/64	.3281				11/16	.6875		3/4-16NF
	.2047		5.2			.3307		8.4			.6890	17.5	
	.2055	5				.3320	Q		3/8-24NF	45/64	.7031		
	.2067		5.25			.3346		8.5			.7087	18.	
	.2087		5.3			.3386		8.6		23/32	.7188		1/2-14 Pipe
	.2090	4				.3390	R		1/8-27 Pipe		.7283	18.5	
	.2126		5.4			.3425		8.7		47/64	.7344		
	.2130	3		1/4-28	11/32	.3438					.7480	19.	
	.2165		5.5			.3445		8.75		3/4	.7500		
7/32	.2188					.3465		8.8		49/64	.7656		7/8-9NC
	.2205		5.6			.3480	S				.7677	19.5	
	.2210	2				.3504		8.9		25/32	.7812		
	.2244		5.7			.3543		9.			.7874	20.	
	.2264		5.75			.3580	T			51/64	.7969		
	.2280	1				.3583		9.1			.8071	20.5	
	.2283		5.8		23/64	.3594				13/16	.8125		7/8-14NF
	.2323		5.9			.3622		9.2			.8268	21.	
	.2340	A				.3642		9.25		53/64	.8281		
15/64	.2344					.3661		9.3		27/32	.8438		
	.2362		6.			.3680	U		7/16-14NC		.8465	21.5	
	.2380	B				.3701		9.4		55/64	.8594		
	.2402		6.1			.3740		9.5			.8661	22.	
	.2420	C			3/8	.3750				7/8	.8750		1-8NC
	.2441		6.2			.3770	V				.8858	22.5	
	.2460	D				.3780		9.6		57/64	.8906		
	.2461		6.25			.3819		9.7			.9055	23.	
	.2480		6.3			.3839		9.75		29/32	.9062		1-12NF
1/4	.2500	E				.3858		9.8		59/64	.9219		3/4-14 Pipe
	.2520		6.4			.3860	W		7/16-20		.9252	23.5	
	.2559		6.5			.3898		9.9		15/16	.9375		1-14NS
	.2570	F		5/16-18NC	25/64	.3906					.9449	24.	
	.2598		6.6			.3937		10.		61/64	.9531		
	.2610	G				.3970	X				.9646	24.5	
	.2638		6.7			.4040	Y			31/32	.9688		
17/64	.2656				13/32	.4062					.9843	25.	
	.2657		6.75			.4130	Z			63/64	.9844		1-1/8-7NC
	.2660	H				.4134		10.5		1	1.0000		
	.2677		6.8		27/64	.4219			1/2-13		1.0093	25.5	
	.2717		6.9			.4331		11.		1-1/64	1.0156		
	.2720	I		5/16-24NF	7/16	.4375			1/4-18 Pipe		1.0236	26.	
	.2756		7.			.4528		11.5		1-1/32	1.0312		
	.2770	J			29/64	.4531			1/2-20		1.0433	26.5	
	.2795		7.1		15/32	.4688				1-3/64	1.0469		1-1/8-12NF
	.2810	K				.4724		12.		1-1/16	1.0625		
9/32	.2812			5/16-32NS	31/64	.4844			9/16-12		1.0630	27.	
	.2835		7.2			.4921		12.5		1-5/64	1.0781		
	.2854		7.25		1/2	.5000					1.0827	27.5	
	.2874		7.3			.5118		13.		1-3/32	1.0938		
	.2900	L			33/64	.5156			9/16-18		1.1024	28.	
	.2913		7.4		17/32	.5312				1-7/64	1.1094		1-1/4-7NC
	.2950	M				.5315		13.5			1.1220	28.5	
	.2953		7.5		35/64	.5469				1-1/8	1.1250		
19/64	.2969					.5512		14.	5/8-11		1.1406		
	.2992		7.6		9/16	.5625				1-9/64	1.1417	29.	
	.3020	N				.5709		14.5		1-5/32	1.1562		1-11-1/2 Pipe
	.3031		7.7		37/64	.5781			5/8-18NF		1.1614	29.5	
	.3051		7.75			.5906		15.	3/8-18 Pipe	1-11/64	1.1719		1-1/4-12NF
	.3071		7.8		19/32	.5938					1.1811	30.0	
	.3110		7.9		39/64	.6094				1-3/16	1.1875		1-3/8 x 6
5/16	.3125			3/8-16NC		.6102		15.5			1.2008	30.5	
	.3150		8.		5/8	.6250			11/16-16NS	1-13/64	1.2031		
	.3160	O				.6299		16.		1-7/32	1.2188		
	.3189		8.1		41/64	.6406					1.2205	31.0	
	.3228		8.2			.6496		16.5		1-15/64	1.2344		
	.3230	P			21/32	.6562			3/4-10NC		1.2402	31.5	
	.3248		8.25			.6693		17.		1-1/4	1.2500		
	.3268		8.3		43/64	.6719							

Conversion Chart

Fractional Inch	Decimal Inch	mm
1/64	.015625	.3969
1/32	.03125	.7938
3/64	.046875	1.1906
1/16	.0625	1.5875
5/64	.078125	1.9844
3/32	.09375	2.3812
7/64	.109375	2.7781
1/8	.125	3.1750
9/64	.140625	3.5719
5/32	.15625	3.9688
11/64	.171875	4.3656
3/16	.1875	4.7625
13/64	.203125	5.1594
7/32	.21875	5.5562
15/64	.234375	5.9531
1/4	.25	6.3500
17/64	.265625	6.7469
9/32	.28125	7.1438
19/64	.296875	7.5406
5/16	.3125	7.9375
21/64	.328125	8.3344
11/32	.34375	8.7312
23/64	.359375	9.1281
3/8	.375	9.5250
25/64	.390625	9.9219
13/32	.40625	10.3188
27/64	.421875	10.7156
7/16	.4375	11.1125
29/64	.453125	11.5094
15/32	.46875	11.9062
31/64	.484375	12.3031
1/2	.5	12.7000

Fractional Inch	Decimal Inch	mm
33/64	.515625	13.0969
17/32	.53125	13.4938
35/64	.546875	13.8906
9/16	.5625	14.2875
37/64	.578125	14.6844
19/32	.59375	15.0812
39/64	.609375	15.4781
5/8	.625	15.8750
41/64	.640625	16.2719
21/32	.65625	16.6688
43/64	.671875	17.0656
11/16	.6875	17.4625
45/64	.703125	17.8594
23/32	.71875	18.2562
47/64	.734375	18.6531
3/4	.75	19.0500
49/64	.765625	19.4469
25/32	.78125	19.8438
51/64	.796875	20.2406
13/16	.8125	20.6375
53/64	.828125	21.0344
27/32	.84375	21.4312
55/64	.859375	21.8281
7/8	.875	22.2250
57/64	.890625	22.6219
29/32	.90625	23.0188
59/64	.921875	23.4156
15/16	.9375	23.8125
61/64	.953125	24.2094
31/32	.96875	24.6062
63/64	.984375	25.0031
1	1.00	25.4

Length

1 meter = 39.37 inches or 3.28 feet or 1.094 yards
 1 millimeter = .0394 inches
 1 kilometer = 3,281 feet or .6214 miles
 1 inch = 2.54 centimeters or 25.4 millimeters
 1 foot = .3048 meters or 30.48 centimeters

Torque

1 Foot-pound = 1.356 Nm (Joule)
 1 In-lb = .113 Nm
 1 Nm (Joule) = .738 Foot-pound
 1 Bar = 14.504 Psi