

# Decimal Equivalents

## Fractional, Number, Letter and Metric Sizes

Recommended Tap Drill Sizes Based on Approximately 75% Thread

Inch	Dec- imal	Wire	mm	Tap Sizes To be used with drills as indicated	Inch	Dec- imal	Wire	mm	Tap Sizes To be used with drills as indicated	Inch	Dec- imal	Wire and letter	mm	Tap Sizes To be used with drills as indicated	Inch	Dec- imal	Letter	mm	Tap Sizes To be used with drills as indicated	Inch	Dec- imal	mm	Tap Sizes To be used with drills as indicated	
				mm					mm					mm					mm				mm	mm
1/64	.0059	97	.15			.0492		1.25			.1495	25	3.8	#10-24		.2717	I	6.9	3/16-24NF	33/64	.5156		9/16-8	
	.0063	96	.16			.0512		1.3			.1496					.2720				17/32	.5312			
	.0067	95	.17			.0520	55				.1520	24	3.8			.2756						.5315	13.5	
	.0071	94	.18			.0531					.1535		3.9			.2770	J	7.1			35/64	.5469		5/8-11
	.0075	93	.19			.0550	54				.1540	23				.2795						.5512	14.	
	.0079	92	.20			.0551		1.4		5/32	.1562					.2810		K				.5625		
	.0083	91	.21			.0571		1.45			.1570	22	4.		3/16-32NS	.2812					5/16-32NS	.5709	14.5	
	.0087	90	.22			.0591		1.5			.1575					.2835						.5781		5/8-18NF
	.0091	89	.23			.0595	53				.1590	21			#10-32	.2854				7.2		.5906	15.	3/8-18 Pipe
	.0094		.24			.0610		1.55			.1610	20				.2874				7.25		.5938		
	.0095	88			1/16	.0625				#1-64	.1614			4.1		.2900		L				.6094		
	.0098		.25			.0630		1.6			.1654			4.2		.2913						.6102	15.5	
	.0100	87				.0635	52			#1-72	.1660	19				.2950		M				.6250		11/16-16NS
	.0102		.26			.0650		1.65			.1673			4.25		.2953						.6299	16.	
	.0105	86				.0669		1.7			.1693			4.3		.2969					19/32	.6406		
	.0106		.27			.0670	51			#2-56	.1695	18				.2992						.6496	16.5	
	.0110	85	.28			.0689		1.75		11/64	.1719					.3020		N				.6562		3/4-10NC
	.0114		.29			.0700	50			#2-64	.1730	17				.3031						.6693	17.	
	.0115	84				.0709		1.8			.1732					.3051						.6719		
	.0118		.30			.0728		1.85			.1770	16			7/32-24NS	.3071						.6875		3/4-16NF
	.0120	83				.0730	49				.1772			4.5		.3110						.6890	17.5	
	.0125	82				.0748		1.9			.1800	15			#12-28	.3125	5/16				3/8-16NC	.7031		
	.0126		.32			.0760	48				.1811			4.6		.3150						.7087	18.	1/2-14 Pipe
	.0130	81				.0768		1.95			.1820	14				.3160			O			.7188		
	.0134		.34		5/64	.0781				#3-48	.1850	13				.3189						.7283	18.5	
	.0135	80				.0785	47				.1850			4.7		.3228						.7344		
.0138		.35			.0787		2.			.1870			4.75		.3230			P			.7480	19.		
.0142		.36			.0807		2.05		3/16	.1875					.3248						.7500			
.0145	79				.0810	46			#3-56	.1890			4.8		.3268						.7656		7/8-9NC	
.0150		.38			.0820	45				.1890	12			7/32-32NS	.3281	21/64			8.3		.7677	19.5		
.0156					.0827		2.1			.1910	11				.3307						.7812			
.0157		.4			.0846		2.15			.1929			4.9		.3320						.7874	20.		
.0160	78				.0860	44				.1935	10				.3346					3/8-24NF	.7969	20.		
.0165		.42			.0866		2.2			.1960	9				.3386						.8071	20.5		
.0173		.44			.0886		2.25			.1969			5.		.3390			R		1/8-27 Pipe	.8125		7/8-14NF	
.0177		.45			.0890	43			#4-40	.1990	8			1/4-20	.3425						.8268	21.		
.0180					.0906		2.3			.2008			5.1		.3438	11/32					.8281			
.0181		.46			.0925		2.35			.2010	7				.3445						.8438			
.0189		.48			.0935	42			#4-48	.2031		13/64			.3465						.8465	21.5		
.0197		.5		3/32	.0938					.2040	6				.3480			S			.8594			
.0200	76				.0945		2.4			.2047			5.2		.3504						.8661	22.		
.0210	75				.0960	41				.2055	5				.3543						.8750		1-8NC	
.0217		.55			.0965		2.45			.2067			5.25		.3580			T		7/8	.8858	22.5		
.0225	74				.0980	40				.2087			5.3		.3583						.8906			
.0236		.6			.0984		2.5			.2090	4			23/64	.3594						.9055	23.		
.0240	73				.0995	39			#5-40	.2126			5.4		.3622						.9062			
.0250	72				.1015	38				.2130	3			1/4-28	.3642						.9219		3/4-14 Pipe	
.0256		.65			.1024		2.6			.2165			5.5		.3661						.9252	23.5		
.0260	71				.1040	37			#5-44	.2188		7/32			.3680					7/16-14NC	.9375		1-14NF	
.0276		.7			.1063		2.7			.2205			5.6		.3701						.9449	24.		
.0280	70				.1065	36			#6-32	.2210	2				.3740						.9531			
.0292	69				.1083		2.75			.2244			5.7		.3750	3/8					.9646	24.5		
.0295	68	.75		7/64	.1094					.2264			5.75		.3770						.9688			
.0310					.1100	35				.2280	1				.3780						.9843	25.		
.0312					.1102		2.8			.2283			5.8		.3819						.9844		1-1/8-7NC	
.0315		.8			.1110	34				.2323			5.9		.3839						1	1.0000		
.0320	67				.1130	33			#6-40	.2340		15/64			.3858						1.0039	25.5		
.0330	66				.1142		2.9			.2344					.3860					7/16-20	1-1/64	1.0156		
.0335		.85			.1160	32				.2362			6.		.3898						1.0236	26.		
.0350	65				.1181		3.			.2380				25/64	.3906						1.0312			
.0354		.9			.1200	31				.2402			6.1		.3937						1.0433	26.5		
.0360	64				.1220		3.1			.2420					.3970						1.0469		1-1/8-12NF	
.0370	63				.1250					.2441			6.2		.4040						1.0625			
.0374		.95			.1260		3.2			.2460					.4062						1.0630	27.		
.0380	62				.1280		3.25			.2461			6.25		.4130						1.0781			
.0390	61				.1285	30				.2480			6.3		.4134						1.0827	27.5		
.0394		1.			.1299		3.3			.2500		1/4			.4219					1/2-13	1-3/32	1.0938		
.0400	60				.1339		3.4			.2520			6.4		.4331						1.1024	28.		
.0410	59				.1360	29			#															