

UNC / UNF Tap Drill Sizes

81-59% Theoretical Percentage of Thread					
Tap Size	dec	Fract	Wire/ Let	mm	Theor %
3-48	0.0772			1.960	81
3-48	0.0776			1.970	79
3-48	0.0780	5/64		1.980	78
3-48	0.0783		47	1.990	76
3-48	0.0787			2.000	75
3-48	0.0791			2.010	74
3-48	0.0795			2.020	72
3-48	0.0799			2.030	71
3-48	0.0803			2.040	69
3-48	0.0807			2.050	68
3-48	0.0811		46	2.060	66
3-48	0.0815			2.070	65
3-48	0.0819		45	2.080	63
3-48	0.0823			2.090	62
3-48	0.0827			2.100	60
3-48	0.0831			2.110	59
3-56	0.0803			2.040	81
3-56	0.0807			2.050	79
3-56	0.0811		46	2.060	77
3-56	0.0815			2.070	75
3-56	0.0819		45	2.080	74
3-56	0.0823			2.090	72
3-56	0.0827			2.100	70
3-56	0.0831			2.110	69
3-56	0.0835			2.120	67
3-56	0.0839			2.130	65
3-56	0.0843			2.140	63
3-56	0.0846			2.150	62
3-56	0.0850			2.160	60
3-56	0.0854			2.170	59
4-40	0.0858		44	2.180	81
4-40	0.0862			2.190	79
4-40	0.0866			2.200	78
4-40	0.0870			2.210	77
4-40	0.0874			2.220	76
4-40	0.0878			2.230	75
4-40	0.0882			2.240	73
4-40	0.0886			2.250	72
4-40	0.0890		43	2.260	71
4-40	0.0894			2.270	70
4-40	0.0898			2.280	68
4-40	0.0902			2.290	67
4-40	0.0906			2.300	66
4-40	0.0909			2.310	65
4-40	0.0913			2.320	64
4-40	0.0917			2.330	63
4-40	0.0921			2.340	61
4-40	0.0925			2.350	60
4-40	0.0929			2.360	59
4-48	0.0902			2.290	81
4-48	0.0906			2.300	79
4-48	0.0909			2.310	78
4-48	0.0913			2.320	76
4-48	0.0917			2.330	75
4-48	0.0921			2.340	74
4-48	0.0925			2.350	72
4-48	0.0929			2.360	71
4-48	0.0933		42	2.370	69
4-48	0.0937	3/32		2.380	68
4-48	0.0941			2.390	66
4-48	0.0945			2.400	65
4-48	0.0949			2.410	63
4-48	0.0953			2.420	62
4-48	0.0957			2.430	60
4-48	0.0961		41	2.440	59
5-40	0.0988			2.510	81
5-40	0.0992			2.520	79
5-40	0.0996		39	2.530	78
5-40	0.1000			2.540	77
5-40	0.1004			2.550	76
5-40	0.1008			2.560	75
5-40	0.1012			2.570	73
5-40	0.1016		38	2.580	72
5-40	0.1020			2.590	71
5-40	0.1024			2.600	70
5-40	0.1028			2.610	68
5-40	0.1031			2.620	67
5-40	0.1035			2.630	66
5-40	0.1039		37	2.640	65
5-40	0.1043			2.650	64
5-40	0.1047			2.660	63
5-40	0.1051			2.670	61
5-40	0.1055			2.680	60
5-40	0.1059			2.690	59
5-44	0.1012			2.570	81
5-44	0.1016		38	2.580	79
5-44	0.1020			2.590	78
5-44	0.1024			2.600	77
5-44	0.1028			2.610	75
5-44	0.1031			2.620	74
5-44	0.1035			2.630	73

81-59% Theoretical Percentage of Thread					
Tap Size	dec	Fract	Wire/ Let	mm	Theor %
5-44	0.1039		37	2.640	71
5-44	0.1043			2.650	70
5-44	0.1047			2.660	69
5-44	0.1051			2.670	67
5-44	0.1055			2.680	66
5-44	0.1059			2.690	65
5-44	0.1063			2.700	63
5-44	0.1067		36	2.710	62
5-44	0.1071			2.720	61
5-44	0.1075			2.730	59
6-32	0.1051			2.670	81
6-32	0.1055			2.680	80
6-32	0.1059			2.690	79
6-32	0.1063			2.700	78
6-32	0.1067		36	2.710	77
6-32	0.1071			2.720	76
6-32	0.1075			2.730	75
6-32	0.1079			2.740	74
6-32	0.1083			2.750	73
6-32	0.1087			2.760	72
6-32	0.1091			2.770	71
6-32	0.1094	7/64		2.780	70
6-32	0.1098		35	2.790	69
6-32	0.1102			2.800	68
6-32	0.1106			2.810	67
6-32	0.1110		34	2.820	67
6-32	0.1114			2.830	66
6-32	0.1118			2.840	65
6-32	0.1122			2.850	64
6-32	0.1126			2.860	63
6-32	0.1130		33	2.870	62
6-32	0.1134			2.880	61
6-32	0.1138			2.890	60
6-32	0.1142			2.900	59
6-40	0.1118			2.840	81
6-40	0.1122			2.850	79
6-40	0.1126			2.860	78
6-40	0.1130		33	2.870	77
6-40	0.1134			2.880	76
6-40	0.1138			2.890	75
6-40	0.1142			2.900	73
6-40	0.1146			2.910	72
6-40	0.1150			2.920	71
6-40	0.1154			2.930	70
6-40	0.1157			2.940	69
6-40	0.1161		32	2.950	67
6-40	0.1165			2.960	66
6-40	0.1169			2.970	65
6-40	0.1173			2.980	64
6-40	0.1177			2.990	63
6-40	0.1181			3.000	61
6-40	0.1185			3.010	60
6-40	0.1189			3.020	59
8-32	0.1311			3.330	81
8-32	0.1315			3.340	80
8-32	0.1319			3.350	79
8-32	0.1323			3.360	78
8-32	0.1327			3.370	77
8-32	0.1331			3.380	76
8-32	0.1335			3.390	75
8-32	0.1339			3.400	74
8-32	0.1343			3.410	73
8-32	0.1346			3.420	72
8-32	0.1350			3.430	71
8-32	0.1354			3.440	70
8-32	0.1358		29	3.450	69
8-32	0.1362			3.460	68
8-32	0.1366			3.470	67
8-32	0.1370			3.480	67
8-32	0.1374			3.490	66
8-32	0.1378			3.500	65
8-32	0.1382			3.510	64
8-32	0.1386			3.520	63
8-32	0.1390			3.530	62
8-32	0.1394			3.540	61
8-32	0.1398			3.550	60
8-32	0.1402			3.560	59
8-36	0.1346			3.420	81
8-36	0.1350			3.430	80
8-36	0.1354			3.440	79
8-36	0.1358		29	3.450	78
8-36	0.1362			3.460	77
8-36	0.1366			3.470	76
8-36	0.1370			3.480	75
8-36	0.1374			3.490	74
8-36	0.1378			3.500	73
8-36	0.1382			3.510	72
8-36	0.1386			3.520	70
8-36	0.1390			3.530	69
8-36	0.1394			3.540	68
8-36	0.1398			3.550	67

81-59% Theoretical Percentage of Thread					
Tap Size	dec	Fract	Wire/ Let	mm	Theor %
8-36	0.1402			3.560	66
8-36	0.1406	9/64	28	3.570	65
8-36	0.1409			3.580	64
8-36	0.1413			3.590	63
8-36	0.1417			3.600	62
8-36	0.1421			3.610	61
8-36	0.1425			3.620	60
10-24	0.1461			3.710	81
10-24	0.1465			3.720	80
10-24	0.1469		26	3.730	80
10-24	0.1472			3.740	79
10-24	0.1476			3.750	78
10-24	0.1480			3.760	78
10-24	0.1484			3.770	77
10-24	0.1488			3.780	76
10-24	0.1492			3.790	75
10-24	0.1496		25	3.800	75
10-24	0.1500			3.810	74
10-24	0.1504			3.820	73
10-24	0.1508			3.830	72
10-24	0.1512			3.840	72
10-24	0.1516			3.850	71
10-24	0.1520		24	3.860	70
10-24	0.1524			3.870	69
10-24	0.1528			3.880	69
10-24	0.1531			3.890	68
10-24	0.1535			3.900	67
10-24	0.1539		23	3.910	67
10-24	0.1543			3.920	66
10-24	0.1547			3.930	65
10-24	0.1551			3.940	64
10-24	0.1555			3.950	64
10-24	0.1559			3.960	63
10-24	0.1563	5/32		3.970	62
10-24	0.1567			3.980	62
10-24	0.1571		22	3.990	61
10-24	0.1575			4.000	60
10-24	0.1579			4.010	59
10-24	0.1583			4.020	59
10-32	0.1571		22	3.990	81
10-32	0.1575			4.000	80
10-32	0.1579			4.010	79
10-32	0.1583			4.020	78
10-32	0.1587			4.030	77
10-32	0.1591		21	4.040	76
10-32	0.1594			4.050	75
10-32	0.1598			4.060	74
10-32	0.1602			4.070	73
10-32	0.1606			4.080	72
10-32	0.1610		20	4.090	71
10-32	0.1614			4.100	70
10-32	0.1618			4.110	69
10-32	0.1622			4.120	68
10-32</					

UNC / UNF Tap Drill Sizes

81-59% Theoretical Percentage of Thread					
Tap Size	dec	Fract	Wire/ Let	mm	Theor %
12-24	0.1831			4.650	61
12-24	0.1835			4.660	60
12-24	0.1839			4.670	59
12-24	0.1843			4.680	59
12-28	0.1783			4.530	81
12-28	0.1787			4.540	80
12-28	0.1791			4.550	80
12-28	0.1795			4.560	79
12-28	0.1799		15	4.570	78
12-28	0.1803			4.580	77
12-28	0.1807			4.590	76
12-28	0.1811			4.600	75
12-28	0.1815			4.610	74
12-28	0.1819		14	4.620	74
12-28	0.1823			4.630	73
12-28	0.1827			4.640	72
12-28	0.1831			4.650	71
12-28	0.1835			4.660	70
12-28	0.1839			4.670	69
12-28	0.1843			4.680	68
12-28	0.1846			4.690	68
12-28	0.1850		13	4.700	67
12-28	0.1854			4.710	66
12-28	0.1858			4.720	65
12-28	0.1862			4.730	64
12-28	0.1866			4.740	63
12-28	0.1870			4.750	63
12-28	0.1874	3/16		4.760	62
12-28	0.1878			4.770	61
12-28	0.1882			4.780	60
12-28	0.1886			4.790	59
1/4-20	0.1988			5.050	79
1/4-20	0.1992		8	5.060	78
1/4-20	0.2008			5.100	76
1/4-20	0.2012		7	5.110	75
1/4-20	0.2028			5.150	73
1/4-20	0.2031	13/64		5.160	72
1/4-20	0.2039		6	5.180	71
1/4-20	0.2047			5.200	70
1/4-20	0.2055		5	5.220	69
1/4-20	0.2067			5.250	67
1/4-20	0.2087			5.300	64
1/4-20	0.2091		4	5.310	63
1/4-20	0.2106			5.350	61
1/4-28	0.2126			5.400	81
1/4-28	0.2130		3	5.410	80
1/4-28	0.2146			5.450	76
1/4-28	0.2165			5.500	72
1/4-28	0.2185			5.550	68
1/4-28	0.2189	7/32		5.560	67
1/4-28	0.2205			5.600	64
1/4-28	0.2209		2	5.610	63
1/4-28	0.2224			5.650	59
5/16-18	0.2539			6.450	81
5/16-18	0.2559			6.500	78
5/16-18	0.2571		F	6.530	77
5/16-18	0.2579			6.550	76
5/16-18	0.2598			6.600	73
5/16-18	0.2610		G	6.630	71
5/16-18	0.2618			6.650	70
5/16-18	0.2638			6.700	67
5/16-18	0.2657	17/64	H	6.750	65
5/16-18	0.2677			6.800	62
5/16-18	0.2697			6.850	59
5/16-24	0.2697			6.850	79
5/16-24	0.2717		I	6.900	75
5/16-24	0.2736			6.950	72
5/16-24	0.2756			7.000	68
5/16-24	0.2768		J	7.030	66
5/16-24	0.2776			7.050	64
5/16-24	0.2795			7.100	61
3/8-16	0.3091			7.850	81
3/8-16	0.3110			7.900	79
3/8-16	0.3126	5/16		7.940	77
3/8-16	0.3130			7.950	76
3/8-16	0.3150			8.000	74
3/8-16	0.3161		O	8.030	73
3/8-16	0.3169			8.050	72
3/8-16	0.3189			8.100	69
3/8-16	0.3209			8.150	67
3/8-16	0.3228		P	8.200	64
3/8-16	0.3248			8.250	62
3/8-16	0.3268			8.300	59
3/8-24	0.3327			8.450	78
3/8-24	0.3346			8.500	75
3/8-24	0.3366			8.550	71
3/8-24	0.3386			8.600	67
3/8-24	0.3406			8.650	64
3/8-24	0.3425			8.700	60
7/16-14	0.3622			9.200	81
7/16-14	0.3642			9.250	79

81-59% Theoretical Percentage of Thread					
Tap Size	dec	Fract	Wire/ Let	mm	Theor %
7/16-14	0.3661			9.300	77
7/16-14	0.3677		U	9.340	75
7/16-14	0.3681			9.350	75
7/16-14	0.3701			9.400	73
7/16-14	0.3720			9.450	71
7/16-14	0.3740			9.500	68
7/16-14	0.3748	3/8		9.520	68
7/16-14	0.3760			9.550	66
7/16-14	0.3772		V	9.580	65
7/16-14	0.3780			9.600	64
7/16-14	0.3799			9.650	62
7/16-14	0.3819			9.700	60
7/16-20	0.3858		W	9.800	80
7/16-20	0.3878			9.850	77
7/16-20	0.3898			9.900	73
7/16-20	0.3906	25/64		9.920	72
7/16-20	0.3917			9.950	71
7/16-20	0.3937			10.000	67
7/16-20	0.3957			10.050	64
7/16-20	0.3969		X	10.080	63
7/16-20	0.3976			10.100	61
1/2-13	0.4193			10.650	81
1/2-13	0.4213			10.700	79
1/2-13	0.4220	27/64		10.720	78
1/2-13	0.4232			10.750	77
1/2-13	0.4252			10.800	75
1/2-13	0.4272			10.850	73
1/2-13	0.4291			10.900	71
1/2-13	0.4311			10.950	69
1/2-13	0.4331			11.000	67
1/2-13	0.4350			11.050	65
1/2-13	0.4370			11.100	63
1/2-13	0.4374	7/16		11.110	63
1/2-13	0.4390			11.150	61
1/2-13	0.4409			11.200	59
1/2-20	0.4488			11.400	79
1/2-20	0.4508			11.450	76
1/2-20	0.4528			11.500	73
1/2-20	0.4531	29/64		11.510	72
1/2-20	0.4547			11.550	70
1/2-20	0.4567			11.600	67
1/2-20	0.4587			11.650	64
1/2-20	0.4606			11.700	61
9/16-12	0.4744			12.050	81
9/16-12	0.4764			12.100	80
9/16-12	0.4783			12.150	78
9/16-12	0.4803			12.200	76
9/16-12	0.4823			12.250	74
9/16-12	0.4843	31/64		12.300	72
9/16-12	0.4862			12.350	70
9/16-12	0.4882			12.400	69
9/16-12	0.4902			12.450	67
9/16-12	0.4921			12.500	65
9/16-12	0.4941			12.550	63
9/16-12	0.4961			12.600	61
9/16-12	0.4980			12.650	60
9/16-18	0.5039			12.800	81
9/16-18	0.5059			12.850	78
9/16-18	0.5079			12.900	76
9/16-18	0.5098			12.950	73
9/16-18	0.5118			13.000	70
9/16-18	0.5138			13.050	67
9/16-18	0.5157	33/64		13.100	65
9/16-18	0.5177			13.150	62
9/16-18	0.5197			13.200	59
5/8-11	0.5295			13.450	81
5/8-11	0.5311	17/32		13.490	80
5/8-11	0.5315			13.500	79
5/8-11	0.5335			13.550	77
5/8-11	0.5354			13.600	76
5/8-11	0.5374			13.650	74
5/8-11	0.5394			13.700	72
5/8-11	0.5413			13.750	71
5/8-11	0.5433			13.800	69
5/8-11	0.5453			13.850	67
5/8-11	0.5469	35/64		13.890	66
5/8-11	0.5472			13.900	66
5/8-11	0.5492			13.950	64
5/8-11	0.5512			14.000	62
5/8-11	0.5531			14.050	61
5/8-11	0.5551			14.100	59
5/8-18	0.5669			14.400	81
5/8-18	0.5689			14.450	78
5/8-18	0.5709			14.500	75
5/8-18	0.5728			14.550	72
5/8-18	0.5748			14.600	70
5/8-18	0.5768			14.650	67
5/8-18	0.5780	37/64		14.680	65
5/8-18	0.5787			14.700	64
5/8-18	0.5807			14.750	61
5/8-18	0.5827			14.800	59

81-59% Theoretical Percentage of Thread					
Tap Size	dec	Fract	Wire/ Let	mm	Theor %
3/4-10	0.6457			16.400	80
3/4-10	0.6476			16.450	79
3/4-10	0.6496			16.500	77
3/4-10	0.6516			16.550	76
3/4-10	0.6535			16.600	74
3/4-10	0.6555			16.650	73
3/4-10	0.6563	21/32		16.670	72
3/4-10	0.6575			16.700	71
3/4-10	0.6594			16.750	70
3/4-10	0.6614			16.800	68
3/4-10	0.6634			16.850	67
3/4-10	0.6654			16.900	65
3/4-10	0.6673			16.950	64
3/4-10	0.6693			17.000	62
3/4-10	0.6713			17.050	61
3/4-10	0.6720	43/64		17.070	60
3/4-10	0.6732			17.100	59
3/4-16	0.6850			17.400	80
3/4-16	0.6870			17.450	78
3/4-16	0.6874	11/16		17.460	77
3/4-16	0.6890			17.500	75
3/4-16	0.6909			17.550	73
3/4-16	0.6929			17.600	70
3/4-16	0.6949			17.650	68
3/4-16	0.6969			17.700	65
3/4-16	0.6988			17.750	63
3/4-16	0.7008			17.800	61
7/8-9	0.7579			19.250	81
7/8-9	0.7598			19.300	80
7/8-9	0.7618			19.350	78
7/8-9	0.7638			19.400	77
7/8-9	0.7657	49/64		19.450	76
7/8-9	0.7677			19.500	74
7/8-9	0.7697			19.550	73
7/8-9	0.7717			19.600	72
7/8-9	0.7736			19.650	70
7/8-9	0.7756			19.700	69
7/8-9	0.7776			19.750	67
7/8-9	0.7795			19.800	66
7/8-9	0.7811	25/32		19.840	65
7/8-9	0.7815			19.850	65
7/8-9	0.7835			19.900	63

Metric Tap Drill Sizes

Technical

81-59% Theoretical Percentage of Thread				
Tap Size	dec	Fract	Wire/ Let	Theor %
M3x0.35	0.1035			81
M3x0.35	0.1039		37	79
M3x0.35	0.1043			77
M3x0.35	0.1047			75
M3x0.35	0.1051			73
M3x0.35	0.1055			70
M3x0.35	0.1059			68
M3x0.35	0.1063			66
M3x0.35	0.1067		36	64
M3x0.35	0.1071			62
M3x0.35	0.1075			59
M3x0.50	0.0976			80
M3x0.50	0.0980		40	79
M3x0.50	0.0984			77
M3x0.50	0.0988			75
M3x0.50	0.0992			74
M3x0.50	0.0996		39	72
M3x0.50	0.1000			71
M3x0.50	0.1004			69
M3x0.50	0.1008			68
M3x0.50	0.1012			66
M3x0.50	0.1016		38	65
M3x0.50	0.1020			63
M3x0.50	0.1024			62
M3x0.50	0.1028			60
M3x0.50	0.1031			59
M3.5x0.60	0.1130		33	81
M3.5x0.60	0.1134			80
M3.5x0.60	0.1138			78
M3.5x0.60	0.1142			77
M3.5x0.60	0.1146			76
M3.5x0.60	0.1150			74
M3.5x0.60	0.1154			73
M3.5x0.60	0.1157			72
M3.5x0.60	0.1161		32	71
M3.5x0.60	0.1165			69
M3.5x0.60	0.1169			68
M3.5x0.60	0.1173			67
M3.5x0.60	0.1177			65
M3.5x0.60	0.1181			64
M3.5x0.60	0.1185			63
M3.5x0.60	0.1189			62
M3.5x0.60	0.1193			60
M3.5x0.60	0.1197			59
M4x0.50	0.1370			80
M4x0.50	0.1374			79
M4x0.50	0.1378			77
M4x0.50	0.1382			75
M4x0.50	0.1386			74
M4x0.50	0.1390			72
M4x0.50	0.1394			71
M4x0.50	0.1398			69
M4x0.50	0.1402			68
M4x0.50	0.1406		9/64	28
M4x0.50	0.1409			66
M4x0.50	0.1413			65
M4x0.50	0.1417			63
M4x0.50	0.1421			60
M4x0.50	0.1425			59
M4x0.70	0.1283		30	81
M4x0.70	0.1287			80
M4x0.70	0.1291			79
M4x0.70	0.1295			78
M4x0.70	0.1299			77
M4x0.70	0.1303			76
M4x0.70	0.1307			75
M4x0.70	0.1311			74
M4x0.70	0.1315			73
M4x0.70	0.1319			71
M4x0.70	0.1323			70
M4x0.70	0.1327			69
M4x0.70	0.1331			68
M4x0.70	0.1335			67
M4x0.70	0.1339			66
M4x0.70	0.1343			65
M4x0.70	0.1346			64
M4x0.70	0.1350			63
M4x0.70	0.1354			62
M4x0.70	0.1358		29	60
M4x0.70	0.1362			59
M5x0.50	0.1764			80
M5x0.50	0.1768			79
M5x0.50	0.1772		16	77
M5x0.50	0.1776			75
M5x0.50	0.1780			74
M5x0.50	0.1783			72
M5x0.50	0.1787			71
M5x0.50	0.1791			69
M5x0.50	0.1795			68
M5x0.50	0.1799		15	66
M5x0.50	0.1803			65

81-59% Theoretical Percentage of Thread					
Tap Size	dec	Fract	Wire/ Let	Theor %	
M5x0.50	0.1807			63	
M5x0.50	0.1811			62	
M5x0.50	0.1815			60	
M5x0.50	0.1819		14	59	
M5x0.80	0.1638			81	
M5x0.80	0.1642			80	
M5x0.80	0.1646			79	
M5x0.80	0.1650			78	
M5x0.80	0.1654			77	
M5x0.80	0.1657			76	
M5x0.80	0.1661		19	75	
M5x0.80	0.1665			74	
M5x0.80	0.1669			73	
M5x0.80	0.1673			72	
M5x0.80	0.1677			71	
M5x0.80	0.1681			70	
M5x0.80	0.1685			69	
M5x0.80	0.1689			68	
M5x0.80	0.1693		18	67	
M5x0.80	0.1697			66	
M5x0.80	0.1701			65	
M5x0.80	0.1705			64	
M5x0.80	0.1709			64	
M5x0.80	0.1713			63	
M5x0.80	0.1717			62	
M5x0.80	0.1720		11/64	61	
M5x0.80	0.1724			60	
M5x0.80	0.1728		17	59	
M6x0.50	0.2165			77	
M6x0.50	0.2185			69	
M6x0.50	0.2189		7/32	68	
M6x0.50	0.2205			62	
M6x0.50	0.2209		2	60	
M6x0.75	0.2055		5	80	
M6x0.75	0.2067			77	
M6x0.75	0.2087			72	
M6x0.75	0.2091		4	71	
M6x0.75	0.2106			67	
M6x0.75	0.2126			62	
M6x0.75	0.2130		3	61	
M6x1.00	0.1949			81	
M6x1.00	0.1953			80	
M6x1.00	0.1957			79	
M6x1.00	0.1961		9	79	
M6x1.00	0.1965			78	
M6x1.00	0.1969			77	
M6x1.00	0.1988			73	
M6x1.00	0.1992		8	72	
M6x1.00	0.2008			69	
M6x1.00	0.2012		7	69	
M6x1.00	0.2028			65	
M6x1.00	0.2031		13/64	65	
M6x1.00	0.2039		6	63	
M6x1.00	0.2047			62	
M6x1.00	0.2055		5	60	
M7x0.75	0.2461		D	77	
M7x0.75	0.2480			72	
M7x0.75	0.2500		1/4	E	67
M7x0.75	0.2520			62	
M7x1.00	0.2343		15/64		81
M7x1.00	0.2362			77	
M7x1.00	0.2378		B	74	
M7x1.00	0.2382			73	
M7x1.00	0.2402			69	
M7x1.00	0.2421		C	65	
M7x1.00	0.2441			62	
M8x0.50	0.2949		M	79	
M8x0.50	0.2953			77	
M8x0.50	0.2969		19/64	71	
M8x0.50	0.2972			69	
M8x0.50	0.2992			62	
M8x0.75	0.2854			77	
M8x0.75	0.2874			72	
M8x0.75	0.2894			67	
M8x0.75	0.2902		L	65	
M8x0.75	0.2913			62	
M8x1.00	0.2736			81	
M8x1.00	0.2756			77	
M8x1.00	0.2768		J	75	
M8x1.00	0.2776			73	
M8x1.00	0.2795			69	
M8x1.00	0.2811		9/32	K	66
M8x1.00	0.2815			65	
M8x1.00	0.2835			62	
M8x1.25	0.2638			80	
M8x1.25	0.2657		17/64	H	77
M8x1.25	0.2677			74	
M8x1.25	0.2697			71	
M8x1.25	0.2717			68	
M8x1.25	0.2736			65	
M8x1.25	0.2756			62	

81-59% Theoretical Percentage of Thread					
Tap Size	dec	Fract	Wire/ Let	Theor %	
M8x1.25	0.2768		J	7.030	60
M8x1.25	0.2776			7.050	59
M9x1.00	0.3130			7.950	81
M9x1.00	0.3150			8.000	77
M9x1.00	0.3161		O	8.030	75
M9x1.00	0.3169			8.050	73
M9x1.00	0.3189			8.100	69
M9x1.00	0.3209			8.150	65
M9x1.00	0.3228		P	8.200	62
M10x0.75	0.3642			9.250	77
M10x0.75	0.3661			9.300	72
M10x0.75	0.3677		U	9.340	68
M10x0.75	0.3681			9.350	67
M10x0.75	0.3701			9.400	62
M10x1.00	0.3524			8.950	81
M10x1.00	0.3543			9.000	77
M10x1.00	0.3563			9.050	73
M10x1.00	0.3579		T	9.090	70
M10x1.00	0.3583			9.100	69
M10x1.00	0.3594		23/64	9.130	67
M10x1.00	0.3602			9.150	65
M10x1.00	0.3622			9.200	62
M10x1.25	0.3425			8.700	80
M10x1.25	0.3437		11/32	8.730	78
M10x1.25	0.3445			8.750	77
M10x1.25	0.3465			8.800	74
M10x1.25	0.3480		S	8.840	71
M10x1.25	0.3484			8.850	71
M10x1.25	0.3504			8.900	68
M10x1.25	0.3524			8.950	65
M10x1.25	0.3543			9.000	62
M10x1.25	0.3563			9.050	59
M10x1.50	0.3319		Q	8.430	81
M10x1.50	0.3327			8.450	80
M10x1.50	0.3346			8.500	77
M10x1.50	0.3366			8.550	74
M10x1.50	0.3386			8.600	72
M10x1.50	0.3390		R	8.610	71
M10x1.50	0.3406			8.650	69
M10x1.50	0.3425			8.700	67
M10x1.50	0.3437		11/32	8.730	65
M10x1.50	0.3445			8.750	64
M10x1.50	0.3465			8.800	62
M10x1.50	0.3480		S	8.840	60
M10x1.50	0.3484			8.850	59
M11x1.00	0.3917			9.950	81
M11x1.00	0.3937			10.000	77
M11x1.00	0.3957			10.050	73
M11x1.00	0.3969		X	10.080	71
M11x1.00	0.3976			10.100	69
M11x1.00	0.3996			10.150	65
M11x1.00	0.4016			10.200	62
M12x1.00	0.4311			10.950	81
M12x1.00	0.4331			11.000	77
M12x1.00	0.4350			11.050	73
M12x1.00	0.4370			11.100	69
M12x1.00	0.4374		7/16	11.110	69
M12x1.00	0.4390			11.150	65
M12x1.00	0.4409			11.200	62
M12x1.25	0.4213			10.700	80
M12x1.25	0.4220		27/64	10.720	79
M12x1.25	0.4232			10.750	77
M12x1.25	0.4252			10.800	74
M12x1.25	0.4272			10.850	71
M12x1.25	0.4291			10.900	68
M12x1.25	0.4311			10.950	65
M12x1.25	0.4331			11.000	62
M12x1.25	0.4350			11.050	59
M12x1.50	0.4114			10.450	80
M12x1.50	0.4130		Z	10.490	77
M12x1.50	0.4134			10.500	77
M12x1.50	0.4154			10.550	74
M12x1.50	0.4173			10.600	72
M12x1.50	0.4193			10.650	69
M12x1.50	0.4213			10.700	67
M12x1.50	0.4220		27/64	10.720	66
M12x					

Metric Tap Drill Sizes

81-59% Theoretical Percentage of Thread					
Tap Size	dec	Fract	Wire/Let	mm	Theor %
M12x1.75	0.4173			10.600	62
M12x1.75	0.4193			10.650	59
M14x1.00	0.5098			12.950	81
M14x1.00	0.5118			13.000	77
M14x1.00	0.5138			13.050	73
M14x1.00	0.5157	33/64		13.100	69
M14x1.00	0.5177			13.150	65
M14x1.00	0.5197			13.200	62
M14x1.25	0.5000	1/2		12.700	80
M14x1.25	0.5020			12.750	77
M14x1.25	0.5039			12.800	74
M14x1.25	0.5059			12.850	71
M14x1.25	0.5079			12.900	68
M14x1.25	0.5098			12.950	65
M14x1.25	0.5118			13.000	62
M14x1.25	0.5138			13.050	59
M14x1.50	0.4902			12.450	80
M14x1.50	0.4921			12.500	77
M14x1.50	0.4941			12.550	74
M14x1.50	0.4961			12.600	72
M14x1.50	0.4980			12.650	69
M14x1.50	0.5000	1/2		12.700	67
M14x1.50	0.5020			12.750	64
M14x1.50	0.5039			12.800	62
M14x1.50	0.5059			12.850	59
M14x2.00	0.4685			11.900	81
M14x2.00	0.4689	15/32		11.910	80
M14x2.00	0.4705			11.950	79
M14x2.00	0.4724			12.000	77
M14x2.00	0.4744			12.050	75
M14x2.00	0.4764			12.100	73
M14x2.00	0.4783			12.150	71
M14x2.00	0.4803			12.200	69
M14x2.00	0.4823			12.250	67
M14x2.00	0.4843	31/64		12.300	65
M14x2.00	0.4862			12.350	64
M14x2.00	0.4882			12.400	62
M14x2.00	0.4902			12.450	60
M15x1.00	0.5492			13.950	81
M15x1.00	0.5512			14.000	77
M15x1.00	0.5531			14.050	73
M15x1.00	0.5551			14.100	69
M15x1.00	0.5571			14.150	65
M15x1.00	0.5591			14.200	62
M15x1.50	0.5295			13.450	80
M15x1.50	0.5311	17/32		13.490	77
M15x1.50	0.5315			13.500	77
M15x1.50	0.5335			13.550	74
M15x1.50	0.5354			13.600	72
M15x1.50	0.5374			13.650	69
M15x1.50	0.5394			13.700	67
M15x1.50	0.5413			13.750	64
M15x1.50	0.5433			13.800	62
M15x1.50	0.5453			13.850	59
M16x1.00	0.5886			14.950	81
M16x1.00	0.5906			15.000	77
M16x1.00	0.5925			15.050	73
M16x1.00	0.5937	19/32		15.080	71
M16x1.00	0.5945			15.100	69
M16x1.00	0.5965			15.150	65
M16x1.00	0.5984			15.200	62
M16x1.50	0.5689			14.450	80
M16x1.50	0.5709			14.500	77
M16x1.50	0.5728			14.550	74
M16x1.50	0.5748			14.600	72
M16x1.50	0.5768			14.650	69
M16x1.50	0.5787			14.700	67
M16x1.50	0.5807			14.750	64
M16x1.50	0.5827			14.800	62
M16x1.50	0.5846			14.850	59
M16x2.00	0.5469	35/64		13.890	81
M16x2.00	0.5472			13.900	81
M16x2.00	0.5492			13.950	79
M16x2.00	0.5512			14.000	77
M16x2.00	0.5531			14.050	75
M16x2.00	0.5551			14.100	73
M16x2.00	0.5571			14.150	71
M16x2.00	0.5591			14.200	69
M16x2.00	0.5610			14.250	67
M16x2.00	0.5626	9/16		14.290	66
M16x2.00	0.5630			14.300	65
M16x2.00	0.5650			14.350	64
M16x2.00	0.5669			14.400	62
M16x2.00	0.5689			14.450	60
M18x1.00	0.6673			16.950	81
M18x1.00	0.6693			17.000	77
M18x1.00	0.6713			17.050	73
M18x1.00	0.6720	43/64		17.070	72
M18x1.00	0.6732			17.100	69
M18x1.00	0.6752			17.150	65

81-59% Theoretical Percentage of Thread					
Tap Size	dec	Fract	Wire/Let	mm	Theor %
M18x1.00	0.6772			17.200	62
M18x1.50	0.6476			16.450	80
M18x1.50	0.6496			16.500	77
M18x1.50	0.6516			16.550	74
M18x1.50	0.6535			16.600	72
M18x1.50	0.6555			16.650	69
M18x1.50	0.6563	21/32		16.670	68
M18x1.50	0.6575			16.700	67
M18x1.50	0.6594			16.750	64
M18x1.50	0.6614			16.800	62
M18x1.50	0.6634			16.850	59
M18x2.00	0.6260			15.900	81
M18x2.00	0.6280			15.950	79
M18x2.00	0.6299			16.000	77
M18x2.00	0.6319			16.050	75
M18x2.00	0.6339			16.100	73
M18x2.00	0.6358			16.150	71
M18x2.00	0.6378			16.200	69
M18x2.00	0.6398			16.250	67
M18x2.00	0.6406	41/64		16.270	67
M18x2.00	0.6417			16.300	65
M18x2.00	0.6437			16.350	64
M18x2.00	0.6457			16.400	62
M18x2.00	0.6476			16.450	60
M18x2.50	0.6063			15.400	80
M18x2.50	0.6083			15.450	79
M18x2.50	0.6094	39/64		15.480	78
M18x2.50	0.6102			15.500	77
M18x2.50	0.6122			15.550	75
M18x2.50	0.6142			15.600	74
M18x2.50	0.6161			15.650	72
M18x2.50	0.6181			15.700	71
M18x2.50	0.6201			15.750	69
M18x2.50	0.6220			15.800	68
M18x2.50	0.6240			15.850	66
M18x2.50	0.6248	5/8		15.870	66
M18x2.50	0.6260			15.900	65
M18x2.50	0.6280			15.950	63
M18x2.50	0.6299			16.000	62
M18x2.50	0.6319			16.050	60
M18x2.50	0.6339			16.100	59
M20x1.50	0.7264			18.450	80
M20x1.50	0.7283			18.500	77
M20x1.50	0.7303			18.550	74
M20x1.50	0.7323			18.600	72
M20x1.50	0.7343	47/64		18.650	69
M20x1.50	0.7362			18.700	67
M20x1.50	0.7382			18.750	64
M20x1.50	0.7402			18.800	62
M20x1.50	0.7421			18.850	59
M20x2.00	0.7047			17.900	81
M20x2.00	0.7067			17.950	79
M20x2.00	0.7087			18.000	77
M20x2.00	0.7106			18.050	75
M20x2.00	0.7126			18.100	73
M20x2.00	0.7146			18.150	71
M20x2.00	0.7165			18.200	69
M20x2.00	0.7185			18.250	67
M20x2.00	0.7189	23/32		18.260	67
M20x2.00	0.7205			18.300	65
M20x2.00	0.7224			18.350	64
M20x2.00	0.7244			18.400	62
M20x2.00	0.7264			18.450	60
M20x2.50	0.6850			17.400	80
M20x2.50	0.6870			17.450	79
M20x2.50	0.6874	11/16		17.460	78
M20x2.50	0.6890			17.500	77
M20x2.50	0.6909			17.550	75
M20x2.50	0.6929			17.600	74
M20x2.50	0.6949			17.650	72
M20x2.50	0.6969			17.700	71
M20x2.50	0.6988			17.750	69
M20x2.50	0.7008			17.800	68
M20x2.50	0.7028			17.850	66
M20x2.50	0.7031	45/64		17.860	66
M20x2.50	0.7047			17.900	65
M20x2.50	0.7067			17.950	63
M20x2.50	0.7087			18.000	62
M20x2.50	0.7106			18.050	60
M20x2.50	0.7126			18.100	59
M22x1.00	0.8248			20.950	81
M22x1.00	0.8268			21.000	77
M22x1.00	0.8280	53/64		21.030	75
M22x1.00	0.8287			21.050	73
M22x1.00	0.8307			21.100	69
M22x1.00	0.8327			21.150	65
M22x1.00	0.8346			21.200	62
M22x1.50	0.8051			20.450	80
M22x1.50	0.8071			20.500	77
M22x1.50	0.8091			20.550	74

81-59% Theoretical Percentage of Thread					
Tap Size	dec	Fract	Wire/Let	mm	Theor %
M22x1.50	0.8110			20.600	72
M22x1.50	0.8126	13/16		20.640	70
M22x1.50	0.8130			20.650	69
M22x1.50	0.8150			20.700	67
M22x1.50	0.8169			20.750	64
M22x1.50	0.8189			20.800	62
M22x1.50	0.8209			20.850	59
M22x2.00	0.7835			19.900	81
M22x2.00	0.7854			19.950	79
M22x2.00	0.7874			20.000	77
M22x2.00	0.7894			20.050	75
M22x2.00	0.7913			20.100	73
M22x2.00	0.7933			20.150	71
M22x2.00	0.7953			20.200	69
M22x2.00	0.7969	51/64		20.240	68
M22x2.00	0.7972			20.250	67
M22x2.00	0.7992			20.300	65
M22x2.00	0.8012			20.350	64
M22x2.00	0.8031			20.400	62
M22x2.00	0.8051			20.450	60
M22x2.50	0.7638			19.400	80
M22x2.50	0.7657	49/64		19.450	79
M22x2.50	0.7677			19.500	77
M22x2.50	0.7697			19.550	75
M22x2.50	0.7717			19.600	74
M22x2.50	0.7736			19.650	72
M22x2.50	0.7756			19.700	71
M22x2.50	0.7776			19.750	69
M22x2.50	0.7795			19.800	68
M22x2.50	0.7811	25/32		19.840	67
M22x2.50	0.7815			19.850	66
M22x2.50	0.7835			19.900	65
M22x2.50	0.7854			19.950	63
M22x2.50	0.7874			20.000	62
M22x2.50	0.7894			20.050	60
M22x2.50	0.7913			20.100	59
M24x1.00	0.9035			22.950	81
M24x1.00	0.9055			23.000	77
M24x1.00	0.9063	29/32		2	