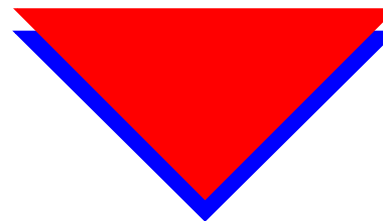


TAP DRILL SIZES

Based on approximately
75% full thread.

THREAD	DRILL	THREAD	DRILL
#0-80	3/64	1/2-12	27/64
#1-64	No. 53	1/2-13	27/64
#1-72	No. 53	1/2-20	29/64
#2-56	No. 50	9/16-12	31/64
#2-64	No. 50	9/16-18	33/64
#3-48	No. 47	5/8-11	17/32
#3-56	No. 46	5/8-18	37/64
#4-40	No. 43	3/4-10	21/32
#4-48	No. 42	3/4-16	11/16
#5-40	No. 39	7/8-9	49/64
#5-44	No. 37	7/8-14	13/16
#6-32	No. 36	1-8	7/8
#6-40	No. 33	1-12	59/64
#8-32	No. 29	1-14	15/16
#8-36	No. 29	1-1/8-7	63/64
#10-24	No. 25	1-1/8-12	1-3/64
#10-32	No. 21	1-1/4-7	1-7/64
#12-24	No. 16	1-1/4-12	1-11/64
#12-28	No. 15	1-1/2-6	1-11/32
1/4-20	No. 7	1-1/2-12	1-27/64
1/4-28	No. 3	1-3/4-5	1-35/64
5/16-18	F	1-3/4-12	1-43/64
5/16-24	I	2-4-1/2	1-25/32
3/8-16	5/16	2-12	1-59/64
3/8-24	Q	2-1/4-4-1/2	2-1/32
7/16-14	U	2-1/2-4	2-1/4
7/16-20	25/64	2-3/4-4	2-1/2
		3-4	2-3/4



TAP MAGIC Cutting Fluid was first developed in 1953 for machinists who needed far greater precision than they could achieve with conventional cutting oils. Since then, a whole family of TAP MAGIC Cutting Fluids has been developed – each carefully engineered to meet a specific set of metalworking demands.

Whatever the metal, whatever the cutting operation, TAP MAGIC Cutting Fluids penetrate right to the cutting edge of the tool to provide superior lubrication, greater precision, and longer tool life.

TAP MAGIC Cutting Fluids are offered in a wide variety of sizes, and even in an aerosol can. They're easy to find too, thanks to an outstanding network of industrial distributors.

Use TAP MAGIC Cutting Fluids and you'll join millions of satisfied metalworking professionals who "Believe In Magic."

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In Magic***

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DECIMAL EQUIVALENTS

Of wire, letter, and fractional size drills.

DRILL SIZE	DECIMAL	MM.	DRILL SIZE	DECIMAL	MM.	DRILL SIZE	DECIMAL	MM.	DRILL SIZE	DECIMAL	MM.
80	.0135	.343	43	.0890	2.261	8	.1990	5.055	25/64	.3906	9.922
79	.0145	.368	42	.0935	2.375	7	.2010	5.105	X	.3970	10.084
1/64	.0156	.397	3/32	.0938	2.380	13/64	.2031	5.159	Y	.4040	10.262
78	.0160	.406	41	.0960	2.438	6	.2040	5.182	13/32	.4062	10.319
77	.0180	.457	40	.0980	2.489	5	.2055	5.220	Z	.4130	10.490
76	.0200	.508	39	.0995	2.527	4	.2090	5.309	27/64	.4219	10.716
75	.0210	.533	38	.1015	2.578	3	.2130	5.410	7/16	.4375	11.113
74	.0225	.572	37	.1040	2.642	7/32	.2188	5.556	29/64	.4531	11.509
73	.0240	.610	36	.1065	2.705	2	.2210	5.613	15/32	.4688	11.906
72	.0250	.635	7/64	.1094	2.778	1	.2280	5.791	31/64	.4844	12.303
71	.0260	.660	35	.1100	2.794	A	.2340	5.944	1/2	.5000	12.700
70	.0280	.711	34	.1110	2.819	15/64	.2344	5.953	33/64	.5156	13.097
69	.0292	.742	33	.1130	2.870	B	.2380	6.045	17/32	.5313	13.494
68	.0310	.787	32	.1160	2.946	C	.2420	6.147	35/64	.5469	13.890
1/32	.0313	.794	31	.1200	3.048	D	.2460	6.248	9/16	.5625	14.287
67	.0320	.813	1/8	.1250	3.175	1/4 E	.2500	6.350	37/64	.5781	14.684
66	.0330	.838	30	.1285	3.264	F	.2570	6.528	19/32	.5938	15.081
65	.0350	.889	29	.1360	3.454	G	.2610	6.629	39/64	.6094	15.478
64	.0360	.914	28	.1405	3.569	17/64	.2656	6.747	5/8	.6250	15.875
63	.0370	.940	9/64	.1406	3.572	H	.2660	6.756	41/64	.6406	16.272
62	.0380	.965	27	.1440	3.658	I	.2720	6.909	21/32	.6562	16.669
61	.0390	.991	26	.1470	3.734	J	.2770	7.036	43/64	.6719	17.065
60	.0400	1.016	25	.1495	3.797	K	.2810	7.137	11/16	.6875	17.462
59	.0410	1.041	24	.1520	3.861	9/32	.2812	7.144	45/64	.7031	17.859
58	.0420	1.067	23	.1540	3.912	L	.2900	7.366	23/32	.7188	18.256
57	.0430	1.092	5/32	.1562	3.969	M	.2950	7.493	47/64	.7344	18.653
56	.0465	1.181	22	.1570	3.988	19/64	.2969	7.541	3/4	.7500	19.050
3/64	.0469	1.191	21	.1590	4.039	N	.3020	7.671	49/64	.7656	19.447
55	.0520	1.321	20	.1610	4.089	5/16	.3125	7.937	25/32	.7812	19.844
54	.0550	1.397	19	.1660	4.216	O	.3160	8.026	51/64	.7969	20.240
53	.0595	1.511	18	.1695	4.305	P	.3230	8.204	13/16	.8125	20.637
1/16	.0625	1.587	11/64	.1719	4.366	21/64	.3281	8.334	53/64	.8281	21.034
52	.0635	1.613	17	.1730	4.394	Q	.3320	8.433	27/32	.8438	21.431
51	.0670	1.702	16	.1770	4.496	R	.3390	8.611	55/64	.8594	21.828
50	.0700	1.778	15	.1800	4.572	11/32	.3438	8.731	7/8	.8750	22.225
49	.0730	1.854	14	.1820	4.623	S	.3480	8.839	57/64	.8906	22.622
48	.0760	1.930	13	.1850	4.699	T	.3580	9.093	29/32	.9062	23.019
5/64	.0781	1.984	3/16	.1875	4.762	23/64	.3594	9.128	59/64	.9219	23.415
47	.0785	1.994	12	.1890	4.801	U	.3680	9.347	15/16	.9375	23.812
46	.0810	2.057	11	.1910	4.851	3/8	.3750	9.525	61/64	.9531	24.209
45	.0820	2.083	10	.1935	4.915	V	.3770	9.576	31/32	.9688	24.606
44	.0860	2.184	9	.1960	4.978	W	.3860	9.804	63/64	.9844	25.003
									1	1.000	25.400

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