

DECIMAL EQUIVALENTS

Drills – Taps – Dies

FRACTIONAL, NUMBER, LETTER and METRIC SIZES

Recommended Tap Drill Sizes Based on Approx. 75% Thread

DRILL BITS LISTED IN THIS CATALOG SECTION ARE MADE OF HIGH-SPEED STEEL IN STANDARD SIZES. METRIC, BLANK, LEFT HANDED AND COBALT DRILLS ARE AVAILABLE, CALL FOR INFORMATION.

CENTER PUNCH

Designed to prevent
Drill from walking
3 1/2" over all

#PU
\$3.95 EA



Inch	Decim- al	Wire	mm	Tap Sizes	Inch	Decim- al	Wire	mm	Tap Sizes	Inch	Decim- al	Wire and Let- ter	mm	Tap Sizes	Inch	Decim- al	Letter	Mm	Tap Sizes	Inch	Decim- al	mm	Tap Sizes
				To be used with drills as indicated					To be used with drills as indicated					To be used with drills as indicated					To be used with drills as indicated				To be used with drills as indicated
1/64	.0059	97	.15		1/16	.0531	1.35		11/64	3/16	3/16	.1570	22	3/16-32NS	19/64	.2874	L	7.3	5/16	3/8-16NC	5/8	.6250	11/16-16NS
	.0063	96	.16	.0550		54	1.4	.1575				4.	#10-32	.2900		7.4	.6299	16.					
	.0067	95	.17	.0551		1.4	.1590	21				.1610	20	.2913		M	7.5	41/64			.6406	16.5	3/4-10NG
	.0071	94	.18	.0571		1.45	.1614	4.1				.1654	4.2	.2950		7.6	.6496	21/32			.6562		
	.0075	93	.19	.0591		1.5	.1660	19				.1673	19	.2959		N	7.6	23/32			.6652	17.	3/4-10NG
	.0079	92	.20	.0610		1.55	.1673	4.25				.1693	4.3	.2992		7.7	.6693	43/64			.6719		3/4-16NF
	.0083	91	.21	.0625			.1693	18				.1695	18	.3020		7.75	.6875	11/16			.6890	17.5	
	.0087	90	.22	.0630		1.6	.1695	4.3				.1719	17	.3031		7.8	.6890	45/64			.7031	18.	1/2-14 Pipe
	.0091	89	.23	.0635		52	1.65	1.7				.1730	17	.3051		7.9	.6890	23/32			.7087		1/2-14 Pipe
	.0094	88	.24	.0650		1.65	.1732	4.4				.1732	4.4	.3071		8.	.7087	23/32			.7188	18.5	1/2-14 Pipe
	.0095	88	.25	.0670		51	1.7	1.75				.1770	16	.3160		O	8.	47/64			.7344	19.	
.0098	87	.25	.0689	50	1.75	1.8	.1772	15	.3189	8.1	.7344	49/64	.7480	19.	7/8-9NC								
.0100	87	.26	.0709	49	1.8	1.85	.1800	15	.3228	P	8.2	3/4	.7500		7/8-9NC								
.0102	86	.26	.0728	49	1.85	1.9	.1811	14	.3230	8.25	.7500	49/64	.7656	19.5									
.0105	86	.27	.0730	49	1.85	1.9	.1820	13	.3248	8.3	.7656	25/32	.7812	20.									
.0106	85	.28	.0748	48	1.9	1.95	.1850	12	.3268	8.4	.7812	51/64	.7874	20.									
.0110	85	.28	.0760	48	1.95	2.	.1850	11	.3281	8.4	.7874	51/64	.7969	20.5	7/8-14NF								
.0114	84	.29	.0768	48	1.95	2.05	.1870	11	.3307	8.5	.7969	13/16	.8071	21.									
.0115	84	.29	.0781	47	2.	2.05	.1875	10	.3320	8.5	.8071	13/16	.8125		7/8-14NF								
.0118	83	.30	.0787	2.	2.05	2.1	.1890	9	.3346	8.6	.8125	13/16	.8268	21.									
.0120	83	.30	.0807	46	2.05	2.15	.1910	9	.3386	8.6	.8268	53/64	.8281										
.0125	82	.32	.0827	45	2.1	2.15	.1929	9	.3390	8.7	.8281	27/32	.8438	21.5									
.0126	82	.32	.0846	44	2.1	2.15	.1935	9	.3425	8.7	.8438	27/32	.8465										
.0130	81	.34	.0860	44	2.15	2.2	.1960	8	.3438	8.75	.8465	55/64	.8594	22.									
.0135	81	.34	.0866	44	2.2	2.25	.1969	7	.3445	8.75	.8594	55/64	.8661	22.	1-8NC								
.0138	80	.35	.0886	43	2.2	2.25	.1990	7	.3465	8.8	.8661	7/8	.8750		1-8NC								
.0142	80	.36	.0890	43	2.25	2.3	.2008	7	.3480	8.8	.8750	7/8	.8858	22.5									
.0145	79	.38	.0896	43	2.3	2.35	.2010	6	.3504	9.	.8858	57/64	.9055	23.									
.0150	79	.38	.0899	43	2.3	2.35	.2031	6	.3543	9.1	.9055	57/64	.9531	23.									
.0156	78	.4	.0906	42	2.35	2.4	.2040	5	.3580	9.2	.9531	57/64	.9668	24.5									
.0157	78	.4	.0925	42	2.35	2.45	.2047	5	.3583	9.25	.9668	29/32	.9668	24.5									
.0160	78	.42	.0935	42	2.4	2.45	.2055	5	.3594	9.3	.9668	29/32	.9962	23.5	3/4-14 Pipe								
.0165	77	.44	.0938	42	2.4	2.45	.2067	5.25	.3622	9.3	.9962	59/64	.9219	23.5									
.0173	77	.45	.0945	41	2.45	2.5	.2087	5.3	.3642	9.3	.9219	15/16	.9375		1-14NF								
.0177	77	.45	.0965	40	2.5	2.55	.2090	5.4	.3661	9.3	.9375	61/64	.9443	24.									
.0180	77	.46	.0980	40	2.55	2.6	.2126	5.4	.3680	9.4	.9443	61/64	.9531	24.5									
.0181	77	.46	.0980	40	2.55	2.6	.2130	5.5	.3701	9.4	.9531	31/32	.9646	24.5									
.0189	75	.55	.0984	39	2.55	2.6	.2165	5.5	.3740	9.5	.9646	31/32	.9688	24.5									
.0197	74	.6	.0984	39	2.55	2.6	.2188	5.5	.3750	9.5	.9688	31/32	.9843	25.									
.0200	74	.6	.0995	38	2.6	2.6	.2205	5.6	.3770	9.5	.9843	63/64	.9844	25.	1 1/8-7NC								
.0210	74	.6	.1015	38	2.6	2.6	.2210	5.6	.3780	9.6	.9844	63/64	1.0000	25.5	1 1/8-7NC								
.0217	73	.65	.1024	37	2.6	2.7	.2224	5.7	.3780	9.6	1.0000	1	1.0039	25.5									
.0225	73	.65	.1024	37	2.7	2.7	.2244	5.7	.3819	9.7	1.0039	1	1.0156	26.									
.0236	72	.7	.1063	36	2.7	2.75	.2264	5.75	.3839	9.75	1.0156	1 1/64	1.0236	26.									
.0240	72	.7	.1063	36	2.75	2.75	.2280	5.75	.3858	9.8	1.0236	1 1/64	1.0312	26.5									
.0250	71	.8	.1083	35	2.75	2.8	.2280	5.8	.3860	9.8	1.0312	1 1/64	1.0433	26.5									
.0256	71	.8	.1094	35	2.8	2.8	.2323	5.8	.3898	9.9	1.0433	1 1/64	1.0469	27.	1 1/8-12NF								
.0260	71	.8	.1100	35	2.8	2.8	.2340	5.9	.3906	9.9	1.0469	1 1/16	1.0625	27.									
.0276	70	.85	.1102	34	2.8	2.9	.2344	6.	.3937	10.	1.0625	1 1/16	1.0630	27.									
.0280	70	.85	.1110	34	2.9	2.9	.2362	6.	.3970	10.5	1.0630	1 1/64	1.0781	27.									
.0292	69	.9	.1130	33	2.9	3.	.2380	6.1	.4040	10.5	1.0781	1 1/64	1.0827	27.5									
.0295	69	.9	.1142	33	3.	3.1	.2402	6.1	.4062	10.5	1.0827	1 1/64	1.0938	27.5									
.0310	68	.95	.1160	32	3.	3.1	.2420	6.2	.4130	11.	1.0938	1 1/64	1.1024	28.									
.0315	68	.95	.1181	31	3.1	3.1	.2441	6.2	.4134	11.5	1.1024	1 1/64	1.1094	28.	1 1/4-7NC								
.0320	67	.8	.1200	31	3.1	3.1	.2460	6.25	.4219	11.5	1.1094	1 1/64	1.1220	28.5									
.0330	67	.8	.1220	31	3.1	3.1	.2480	6.3	.4331	11.5	1.1220	1 1/64	1.1250										
.0335	66	.85	.1250	30	3.1	3.2	.2500	6.3	.4375	11.5	1.1250	1 1/64	1.1406	29.									
.0350	65	.9	.1260	30	3.2	3.25	.2520	6.4	.4528	12.	1.1406	1 1/64	1.1417	29.									
.0354	65	.9	.1280	30	3.25	3.3	.2559	6.4	.4531	12.5	1.1417	1 1/64	1.1562	29.5	1-11 1/2 Pipe								
.0360	64	.95	.1285	30	3.3	3.3	.2570	6.5	.4688	12.5	1.1562	1 1/64	1.1614	29.5									
.0370	63	1.	.1299	29	3.3	3.4	.2570	6.5	.4724	13.	1.1614	1 1/64	1.1719	29.5	1 1/4-12NF								
.0374	63	1.	.1339	29	3.4	3.4	.2598	6.6	.4844	13.5	1.1719	1 1/64	1.1919										
.0380	62	1.05	.1360	29	3.4	3.5	.2610	6.6	.4921	14.	1.1919	1 1/64	1.2150										
.0390	61	1.1	.1378	28	3.5	3.5	.2638	6.7	.5000	14.5	1.2150	1 1/64	1.2300										
.0394	61	1.1	.1405	28	3.5	3.6	.2656	6.7	.5118	15.	1.2300	1 1/64	1.2450										
.0400	60	1.15	.1406	28	3.6	3.6	.2656	6.75	.5156	15.5	1.2450	1 1/64	1.2600										
.0410	59	1.1	.1417	27	3.6	3.7	.2660	6.75	.5181	15.5	1.2600	1 1/64	1.2750										
.0413	59	1.1	.1440	27	3.7	3.75	.2677	6.8	.5267	15.5	1.2750	1 1/64	1.2900										
.0420	58	1.05	.1457	26	3.7	3.75	.2717	6.9	.5315	16.	1.2900	1 1/64	1.3050										
.0430	57	1.1	.1470	26	3.75	3.75	.2756	7.	.5346	16.5	1.3050	1 1/64	1.3200										
.0433	57	1.1	.1495	25	3.75	3.8	.2770	7.	.5469	16.5	1.3200	1 1/64	1.3350										
.0453	56	1.15	.1496	25	3.8	3.9	.2770	7.1	.5512	17.	1.3350	1 1/64	1.3500										
.0465	56	1.15	.1496	25	3.8	3.9	.2795	7.1	.5512	17.5	1.3500	1 1/64	1.3650										
.0469	56	1.15	.1520	24	3.9	3.9	.2812	7.2	.5512	17.5	1.3650	1 1/64	1.3800										