

FASTENER HOLE GUIDE

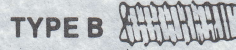
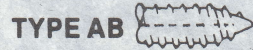
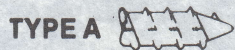
Service Warehouse



Drill This Size Hole		To Tap For This Size Bolt or Screw	For This Size Wood Screw Pilot in Hard Wood	Drill This Size Hole		To Tap For This Size Bolt or Screw	For This Size Wood Screw Pilot in Hard Wood	Drill This Size Hole		To Tap For This Size Bolt or Screw
Drill Size	Dec. Equiv.			Drill Size	Dec. Equiv.			Drill Size	Dec. Equiv.	
60	.0400	0 x 80	No. 3	9/64	.1406	9 x 30 3/16 x 24 10 x 24 10 x 28	No. 14	E	.2500	5/16 x 18 5/16 x 18* 5/16 x 24 5/16 x 24-32*
59	.0410			27	.1440			F	.2570	
58	.0420			26	.1470			G	.2610	
57	.0430			25	.1495			17/64	.2656	
56	.0465			24	.1520			H	.2660	
3/64	.0469			23	.1540			I	.2720	
55	.0520			5/32	.1562			J	.2770	
54	.0550			22	.1570			K	.2810	
53	.0595			21	.1590			9/32	.2812	
1/16	.0625			20	.1610			L	.2900	
52	.0635	1 x 56 1 x 64-72	No. 4	19	.1660	3/16 x 32	No. 16	M	.2950	
51	.0670			18	.1695			19/64	.2969	
50	.0700			11/64	.1719			N	.3020	
49	.0730			17	.1730			5/16	.3125	
48	.0760			16	.1770			O	.3160	
5/64	.0781			15	.1800			P	.3230	
47	.0785			14	.1820			21/64	.3281	
46	.0810			13	.1850			Q	.3332	
45	.0820			3/16	.1875			R	.3390	
44	.0860			12	.1890			11/32	.3437	
43	.0890	3 x 48 3 x 56 4 x 36 4 x 40 4 x 48	No. 6	11	.1910	12 x 24 12 x 28 12 x 32	No. 18	S	.3480	3/8 x 16-1/8" P 3/8 x 20-24
42	.0935			10	.1935			T	.3580	
3/32	.0937			9	.1960			23/64	.3594	
41	.0960			8	.1990			U	.3680	
40	.0980			7	.2010			3/8	.3750	
39	.0995			13/64	.2031			V	.3770	
38	.1015			6	.2040			W	.3860	
37	.1040			5	.2055			25/64	.3906	
36	.1069			4	.2090			X	.3970	
7/64	.1094			3	.2130			Y	.4040	
35	.1100	5 x 36 5 x 40 5 x 44	No. 8	7/32	.2187	1/4 x 20 1/4 x 24 1/4 x 28 1/4 x 32	No. 20	13/32	.4062	7/16 x 14 7/16 x 20
34	.1110			2	.2210			Z	.4130	
33	.1130			1	.2280			27/64	.4219	
32	.1160			A	.2340			7/16	.4375	
31	.1200			15/64	.2344			29/64	.4531	
1/8	.1250			B	.2380			15/32	.4687	
30	.1285			C	.2420			31/64	.4844	
29	.1360			D	.2460			1/2	.5000	
28	.1405			1/4	.2500					

SELF-TAPPING SCREWS

* All Tap Drill Sizes are for 75% full Thread Except Asterisked Sizes which are 60% full Thread.



Screw Size	Metal Thickness		Type A-AB Sharp Pt Use Drill	Screw Size	Metal Thickness		Type A-AB Sharp Pt Use Drill	Screw Size	Metal Thickness		Type B Blunt Pt Use Drill	Screw Size	Gage	Inches	Type B Blunt Pt Use Drill
	Gage	Inches			Gage	Inches			Gage	Inches					
No. 4 (.112")	28	.016	No. 44	No. 8 (.165")	26	.019	No. 33	No. 4 (.112")	28	.016	No. 44	No. 8 (.163")	26	.019	No. 32
	26	.019	44		24	.025	33		26	.019	44		24	.025	32
	24	.025	42		22	.031	32		24	.025	43		22	.031	32
	22	.031	42		20	.038	31		22	.031	42		20	.038	32
	20	.038	40		18	.050	30		20	.038	42		18	.050	30
No. 6 (.138")	28	.016	No. 39	No. 10 (.191")	26	.019	No. 30	No. 6 (.137")	28	.016	No. 37	No. 10 (.186")	26	.019	No. 27
	26	.019	39		24	.025	30		26	.019	37		24	.025	27
	24	.025	39		22	.031	30		24	.025	36		22	.031	27
	22	.031	38		20	.038	29		22	.031	36		20	.038	27
	20	.038	36		18	.050	25		20	.038	35		18	.050	27
No. 7 (.155")	28	.016	No. 37	No. 12 (.218")	24	.025	No. 26	No. 7 (.151")	26	.019	No. 32	No. 12 (.212")	24	.025	No. 19
	26	.019	37		22	.031	25		24	.025	32		22	.031	19
	24	.025	35		20	.038	24		22	.031	32		20	.038	19
	22	.031	33		18	.050	22		20	.038	32		18	.050	18
	20	.038	32		24	.025	No. 15		18	.050	31		22	.031	No. 13
18	.050	31	No. 14 (.251")	22	.031	12	16	.063	30	1/4" (.243")	20	.038	13		
				20	.038	11					18	.050	11		
				18	.050	9					16	.063	8		