

Inch

Recommended Drill and Hole Sizes for

Pouces

TYPES "AB" and "B" TAPPING SCREWS

Diameter of Screw	IN SHEET STEEL					IN SHEET ALUMINUM					IN CASTINGS OF ALUMINUM, ZINC, WHITE METAL, ETC.		ENGINEERING DATA INCH SIZES
	Thickness of Metal		Pierced Hole	Drilled or Clean-Punched Hole		Thickness of Metal		Pierced Hole	Drilled or Clean-Punched Hole		Diameter Hole Required	Drill Size	
	No. of Gauge (U.S. Standard)	Thickness in Decimal Parts of an Inch		Diameter Hole Required	Diameter Hole Required	Drill Size	No. of Gauge (B. & S.)		Thickness in Decimal Parts of an Inch	Diameter Hole Required			
No. 2	28	.015"		.063"	No. 52	22	.025"		.063"	No. 52	.078"	No. 47	
	26	.018"		.063"	No. 52	20	.031"		.063"	No. 52			
	24	.025"		.067"	No. 51	18	.040"		.063"	No. 52			
	22	.031"		.070"	No. 50	16	.050"		.067"	No. 51			
	20	.037"		.073"	No. 49	14	.064"		.070"	No. 50			
No. 4	28	.015"	.086"	.086"	No. 44	22	.025"	.086"	.086"	No. 44	.104"	No. 37	
	26	.018"	.086"	.086"	No. 44	20	.031"	.093"	.086"	No. 44			
	24	.025"	.093"	.089"	No. 43	18	.040"	.093"	.086"	No. 44			
	22	.031"	.098"	.093"	No. 42	16	.050"		.086"	No. 44			
	20	.037"	.100"	.093"	No. 42	14	.064"		.089"	No. 43			
No. 6	28	.015"	.106"	.104"	No. 37	22	.025"	.110"	.104"	No. 37	.128"	No. 30	
	26	.018"	.106"	.104"	No. 37	20	.031"	.110"	.104"	No. 37			
	24	.025"	.106"	.106"	No. 36	18	.040"	.110"	.104"	No. 37			
	22	.031"	.110"	.106"	No. 36	16	.050"	.113"	.104"	No. 37			
	20	.037"	.110"	.110"	No. 35	14	.064"		.106"	No. 36			
No. 7	18	.050"		.111"	No. 34	12	.080"		.110"	No. 35	.144"	No. 27	
	16	.062"		.116"	No. 32	10	.101"		.111"	No. 34			
	14	.078"		.120"	No. 31	8	.128"		.113"	No. 33			
	12	.109"		.128"	No. 30	6	.162"		.116"	No. 32			
						1/4"	.250"		.120"	No. 31			
No. 8	26	.018"	.121"	.116"	No. 32	22	.025"	.121"	.116"	No. 32	.152"	No. 24	
	24	.025"	.121"	.116"	No. 32	20	.031"	.121"	.116"	No. 32			
	22	.031"	.121"	.116"	No. 32	18	.040"	.121"	.116"	No. 32			
	20	.037"	.121"	.116"	No. 32	16	.050"	.121"	.116"	No. 32			
	18	.050"	.140"	.128"	No. 30	14	.064"	.121"	.116"	No. 32			
No. 10	16	.062"		.136"	No. 29	12	.080"		.128"	No. 30	.177"	No. 16	
	14	.078"		.140"	No. 28	10	.101"		.136"	No. 29			
	12	.109"		.149"	No. 25	8	.128"		.136"	No. 29			
	1/8"	.125"		.149"	No. 25	6	.162"		.136"	No. 29			
	10	.140"		.152"	No. 24	1/4"	.250"		.140"	No. 28			
No. 12	8	.171"		.173"	No. 17	3/8"	.375"		.140"	No. 28	.199"	No. 8	
	26	.018"	.144"	.144"	No. 27	22	.025"	.144"	.144"	No. 27			
	24	.025"	.144"	.144"	No. 27	20	.031"	.144"	.144"	No. 27			
	22	.031"	.144"	.144"	No. 27	18	.040"	.144"	.144"	No. 27			
	20	.037"	.147"	.144"	No. 27	16	.050"	.144"	.144"	No. 27			
No. 14	18	.050"	.155"	.144"	No. 27	14	.064"	.144"	.144"	No. 27	.234"	15/64"	
	16	.062"		.152"	No. 24	12	.080"		.147"	No. 26			
	14	.078"		.157"	No. 22	10	.101"		.154"	No. 23			
	12	.109"		.161"	No. 20	8	.128"		.159"	No. 21			
	1/8"	.125"		.169"	No. 18	6	.162"		.166"	No. 19			
No. 16	10	.140"		.169"	No. 18	1/4"	.250"		.166"	No. 19	.199"	No. 8	
	8	.171"		.173"	No. 17	3/8"	.375"		.166"	No. 19			
	24	.025"	.185"	.166"	No. 19	22	.025"	.161"	.161"	No. 20			
	22	.031"	.185"	.166"	No. 19	20	.031"	.161"	.161"	No. 19			
	20	.037"	.185"	.166"	No. 19	18	.040"	.161"	.161"	No. 17			
No. 18	18	.050"	.185"	.169"	No. 18	16	.050"	.166"	.161"	No. 20	.234"	15/64"	
	16	.062"		.177"	No. 16	14	.064"		.166"	No. 19			
	14	.078"		.182"	No. 14	12	.080"		.173"	No. 17			
	12	.109"		.185"	No. 13	10	.101"		.180"	No. 15			
	1/8"	.125"		.196"	No. 9	8	.128"		.182"	No. 14			
No. 20	10	.140"		.196"	No. 9	6	.162"		.189"	No. 12	.234"	15/64"	
	8	.171"		.201"	No. 7	1/4"	.250"		.193"	No. 10			
	22	.025"	.209"	.185"	No. 13	3/8"	.375"		.199"	No. 8			
	20	.037"	.209"	.185"	No. 13	20	.031"	.189"	.189"	No. 8			
	18	.050"	.209"	.191"	No. 11	18	.040"	.189"	.189"	No. 7			
No. 22	16	.062"		.199"	No. 8	16	.050"	.199"	.199"	No. 8	.234"	15/64"	
	14	.078"		.204"	No. 6	14	.064"		.199"	No. 8			
	12	.109"		.209"	No. 4	12	.080"		.201"	No. 7			
	1/8"	.125"		.228"	No. 1	10	.101"		.204"	No. 6			
	10	.140"		.228"	No. 1	8	.128"		.209"	No. 4			
No. 24	8	.171"		.234"	15/64"	6	.162"		.213"	No. 3	.234"	15/64"	
	3/16"	.187"		.234"	15/64"	1/4"	.250"		.221"	No. 2			
	6	.203"		.234"	15/64"	3/8"	.375"		.228"	No. 1			
	22	.025"	.209"	.185"	No. 13	22	.025"	.189"	.189"	No. 8			
	20	.037"	.209"	.185"	No. 13	20	.031"	.189"	.189"	No. 7			

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