

Inch

Tapping Screws Recommended Drill & Hole Sizes for TYPES "AB" & "B"

Pouce

Diamètres recommandés des forets et des trous pour vis autotaraudeuses de TYPES «AB» et «B»

Performance in castings must be verified by testing in the actual casting

Diameter of Screw	IN SHEET STEEL					IN SHEET ALUMINUM					IN CASTINGS OF ALUMINUM, ZINC, WHITE METAL, ETC.	
	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	Diameter Hole Required	Drill Size		
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		
	18	.050"		.073"	No. 49							
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		
	18	.050"		.096"	No. 41	12	.080"		.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		
	18	.050"		.111"	No. 34	12	.080"		.110"	No. 35		
No. 7	26	.018"	.121"	.116"	No. 32	22	.025"	.121"	.116"	No. 32	.144"	No. 27
	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"	.121"	.120"	No. 31	14	.064"		.120"	No. 31		
	16	.062"		.128"	No. 30	12	.080"		.128"	No. 30		
No. 8	26	.018"	.131"	.116"	No. 32	22	.025"	.120"	.120"	No. 31	.152"	No. 24
	24	.025"	.131"	.116"	No. 32	20	.031"	.120"	.120"	No. 30		
	22	.031"	.131"	.116"	No. 32	18	.040"	.131"	.128"	No. 29		
	20	.037"	.136"	.116"	No. 30	16	.050"	.136"	.136"	No. 29		
	18	.050"	.140"	.128"	No. 29	14	.064"		.136"	No. 29		
	16	.062"		.136"	No. 29	12	.080"		.140"	No. 28		
No. 10	26	.018"	.144"	.144"	No. 27	22	.025"	.144"	.144"	No. 27	.177"	No. 16
	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		
	18	.050"	.155"	.144"	No. 27	14	.064"		.144"	No. 27		
	16	.062"		.152"	No. 24	12	.080"		.147"	No. 26		
No. 12	24	.025"	.185"	.166"	No. 19	22	.025"	.161"	.161"	No. 20	.199"	No. 8
	22	.031"	.185"	.166"	No. 19	20	.031"	.161"	.161"	No. 19		
	20	.037"	.185"	.166"	No. 19	18	.040"	.161"	.161"	No. 19		
	18	.050"	.185"	.169"	No. 18	16	.050"	.166"	.161"	No. 20		
	16	.062"		.177"	No. 16	14	.064"		.166"	No. 19		
	14	.078"		.182"	No. 14	12	.080"		.173"	No. 17		
No. 14	24	.025"	.185"	.166"	No. 19	22	.025"	.189"	.189"	No. 8	.234"	15/64"
	22	.031"	.185"	.166"	No. 19	20	.031"	.189"	.189"	No. 7		
	20	.037"	.185"	.166"	No. 19	18	.040"	.189"	.189"	No. 8		
	18	.050"	.209"	.191"	No. 11	16	.050"	.199"	.199"	No. 8		
	16	.062"		.199"	No. 8	14	.064"		.199"	No. 8		
	14	.078"		.204"	No. 6	12	.080"		.201"	No. 7		
No. 14	22	.031"	.209"	.185"	No. 13	22	.025"	.189"	.189"	No. 8	.234"	15/64"
	20	.037"	.209"	.185"	No. 13	20	.031"	.189"	.189"	No. 7		
	18	.050"	.209"	.191"	No. 11	18	.040"	.189"	.189"	No. 8		
	16	.062"		.199"	No. 8	16	.050"	.199"	.199"	No. 8		
	14	.078"		.204"	No. 6	14	.064"		.199"	No. 8		
	12	.109"		.209"	No. 4	12	.080"		.201"	No. 7		
No. 14	1/8"	.125"		.228"	No. 1	10	.101"		.204"	No. 6	.234"	15/64"
	10	.140"		.228"	No. 1	8	.128"		.209"	No. 4		
	8	.171"		.234"	15/64"	6	.162"		.213"	No. 3		
	3/16"	.187"		.234"	15/64"	1/4"	.250"		.221"	No. 2		
	6	.203"		.234"	15/64"	3/8"	.375"		.228"	No. 1		

ENGINEERING DATA INCH SIZES

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