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Tap size	Tap Diameter (in)	Threads per Inch (TPI)	Tap drill size	Min Hole Size	Max. Hole Size
#0-80	0.0600	80	3/64 (.0469)	.0465	.0514
#1-64	0.0730	64	#53 (.0595)	.0561	.0623
#1-72	0.0730	72	#53 (.0595)	.0580	.0635
#2-56	0.0860	56	#51 (.067)	.0667	.0737
#2-64	0.0860	64	#50 (.070)	.0691	.0753
#3-48	0.0990	48	#47 (.0785)	.0764	.0845
#3-56	0.0990	56	#45 (.082)	.0797	.0865
#4-40	0.1120	40	#43 (.089)	.0849	.0939
#4-48	0.1120	48	#42 (.0935)	.0894	.0968
#5-40	0.1250	40	#39 (.0995)	.0979	.1062
#5-44	0.1250	44	#37 (.104)	.1004	.1079
#6-32	0.1380	32	#36 (.1065)	.104	.114
#6-40	0.1380	40	#33 (.113)	.111	.119
#8-32	0.1640	32	#29 (.136)	.130	.139
#8-36	0.1640	36	#29 (.136)	.134	.142
#10-24	0.1900	24	#25 (.1495)	.145	.156
#10-32	0.1900	32	#21 (.159)	.156	.164
#12-24	0.2160	24	#17 (.173)	.171	.181
#12-28	0.2160	28	#15 (.180)	.177	.186
#12-32	0.2160	32	#13 (.185)	.182	.1895
1/4-20	0.2500	20	#7 (.201)	.196	.207
1/4-28	0.2500	28	#3 (.213)	.211	.220
5/16-18	0.3125	18	F (.257)	.252	.265
5/16-24	0.3125	24	I (.272)	.267	.277
5/16-32	0.3125	32	9/64 (.2812)	.279	.286
3/8-16	0.3750	16	5/16 (.3125)	.307	.321
3/8-24	0.3750	24	Q (.332)	.330	.340
7/16-14	0.4375	14	U (.368)	.360	.376
7/16-20	0.4375	20	25/64(.3906)	.383	.395
1/2-13	0.5000	13	27/64(.4219)	.417	.434
1/2-20	0.5000	20	29/64(.4531)	.446	.457