

Machine Screw Accuracy to Control Movement for Positioning

Courtesy of

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THREAD PITCH	FULL TURN		HALF TURN	QUARTER TURN
	Decimal	Inches	Decimal	Decimal
<i>(inches rounded to the nearest 1/128")</i>				
6-32	0.0312	1/32"	0.0156	0.0078
6-40	0.0250	3/128"	0.0125	0.0062
8-32	0.0312	1/32"	0.0156	0.0078
8-36	0.0277	1/32"	0.0138	0.0069
10-24	0.0416	5/128"	0.0208	0.0104
10-32	0.0312	1/32"	0.0156	0.0078
1/4-20	0.0500	3/64"	0.0250	0.0125
1/4-28	0.0357	5/128"	0.0178	0.0089
5/16-18	0.0555	7/128"	0.0277	0.0137
5/16-24	0.0416	5/128"	0.0208	0.0104
3/8-16	0.0625	1/16"	0.0312	0.0156
3/8-24	0.0416	5/128"	0.0208	0.0104
7/16-14	0.0714	9/128"	0.0357	0.0178
7/16-20	0.0500	3/64"	0.0250	0.0125
1/2-13	0.0769	3/64"	0.0384	0.0192
1/2-20	0.0500	3/64"	0.0250	0.0125

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