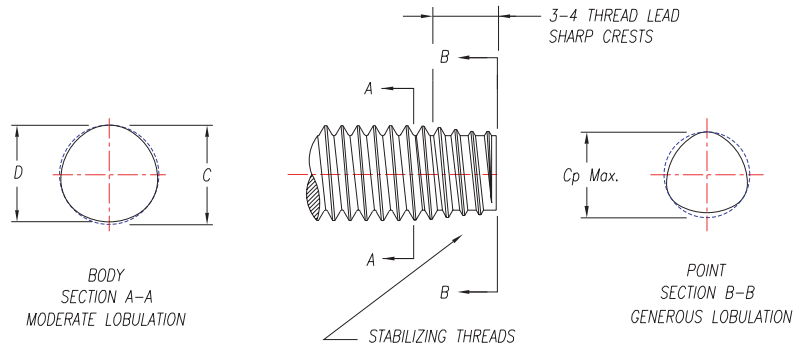


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 Typical single punch
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Length Tolerance - Inch - Per ANSI B18.6.3		
Nominal Screw Length	Nominal Screw Size	
	#4 - #12	1/4" - 1/2"
Tolerance On Length		
To 1/2" Inclusive	+0, - .020	+0, - .030
Over 1/2" to 1" Inclusive	+0, - .030	+0, - .030
Over 1" to 2" Inclusive	+0, - .060	+0, - .060
Over 2"	+0, - .090	+0, - .090

Length Tolerance - Metric - Per ANSI B18.6.7M	
Nominal Screw Length	Tolerance on Length mm
to 3mm incl.	± 0.2
over 3 to 10mm	± 0.3
over 10 to 16mm	± 0.4
over 16 to 50mm	± 0.5
over 50mm	± 1.0

DUO-TAPTITE® Thread Rolling Screws

TAPTITE® screws were the leap forward in high production assembly using threaded fasteners. DUO-TAPTITE® screws represent the refinement of the TRILOBULAR™ principle for specific demanding applications.

DUO-TAPTITE® screws have generous lobulation at the screw point for easy entry and optimum thread forming action plus reduced lobulation in the screw body holding area. A stabilizing threaded dog point insures ready, aligned entry, with easy pick-up requiring minimal starting end load.

ADVANTAGES

- High vibrational resistance
- Good axial alignment
- Low end load
- High strip-to-drive ratio
- High prevailing torque
- Good torque tension relationship

SCREW SIZE	SCREW BODY DIMENSIONS				POINT
	Max.	Min.	Max.	Min.	C _p Maximum
Metric Sizes (mm)					
M2.5 x 0.45	2.57	2.48	2.52	2.44	2.22
M3.0 x 0.50	3.07	2.98	3.02	2.93	2.69
M3.5 x 0.60	3.58	3.48	3.52	3.42	3.13
M4.0 x 0.70	4.08	3.98	4.01	3.91	3.57
M4.5 x 0.75	4.59	4.48	4.51	4.41	4.04
M5.0 x 0.80	5.09	4.98	5.01	4.90	4.51
M6.0 x 1.00	6.10	5.97	6.00	5.87	5.38
M7.0 x 1.00	7.10	6.97	7.00	6.87	6.38
M8.0 x 1.25	8.13	7.97	8.00	7.85	7.23
M10 x 1.50	10.15	9.97	10.00	9.82	9.07
M12 x 1.75	12.18	11.97	12.00	11.80	10.92
M14 x 2.00	14.20	13.97	14.00	13.77	12.77
M16 x 2.00	16.20	15.97	16.00	15.77	14.77
Inch Sizes (in)					
2-56	0.0875	0.0835	0.0855	0.0815	0.075
3-48	0.1010	0.0970	0.0990	0.0950	0.086
4-40	0.1145	0.1105	0.1120	0.1080	0.097
5-40	0.1275	0.1235	0.1250	0.1210	0.110
6-32	0.1410	0.1350	0.1380	0.1320	0.119
8-32	0.1670	0.1610	0.1640	0.1580	0.145
10-24	0.1940	0.1880	0.1900	0.1840	0.164
10-32	0.1930	0.1870	0.1900	0.1840	0.171
12-24	0.2200	0.2140	0.2160	0.2100	0.190
1/4-20	0.2550	0.2490	0.2500	0.2440	0.219
5/16-18	0.3180	0.3120	0.3125	0.3065	0.278
3/8-16	0.3810	0.3750	0.3745	0.3685	0.336
7/16-14	0.4445	0.4385	0.4375	0.4315	0.393
1/2-13	0.5075	0.5015	0.5000	0.4940	0.453
9/16-12	0.5710	0.5630	0.5625	0.5545	0.511
5/8-11	0.6340	0.6260	0.6250	0.6170	0.569