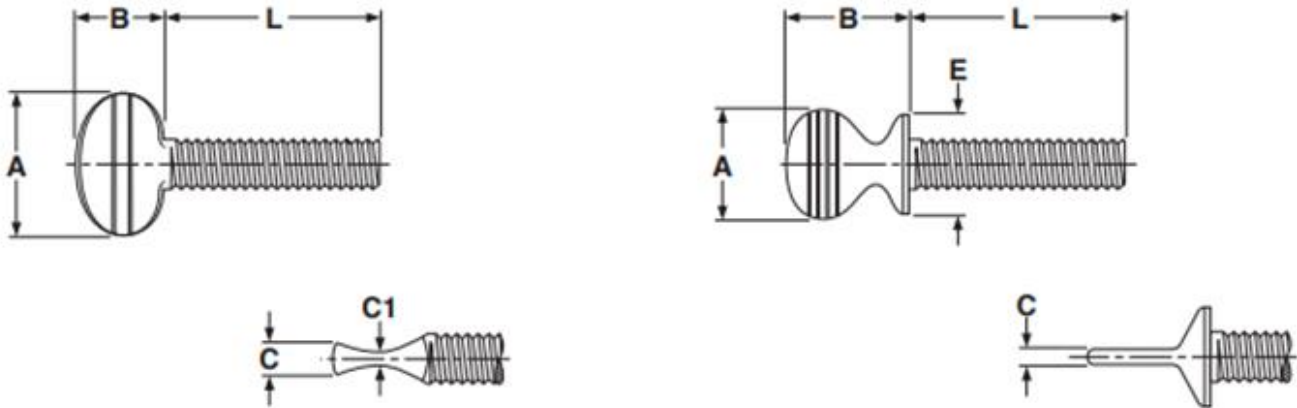


Metallics

An **AMERICAN** Source For Premier
and Innovative Fasteners and Anchors

THUMB SCREWS

The following Specification Sheet applies to all **Steel and Stainless Steel Thumb Washers** in our **TMS series**, sold by Metallics.



TYPE-A REGULAR THUMB SCREWS, WITH AND WITHOUT SHOULDER										IFI-156 2002	
Nominal Screw Size	Threads per Inch	A		B		C		E		L	
		Head Width		Head Height		Head Thickness		Shoulder Diameter		Practical Screw Lengths	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
6	32	0.31	0.29	0.33	0.31	0.05	0.04	0.25	0.23	0.75	0.25
8	32	0.36	0.34	0.38	0.36	0.06	0.05	0.31	0.29	0.75	0.38
10	24 & 32	0.42	0.40	0.48	0.46	0.06	0.05	0.35	0.32	1.00	0.38
12	24	0.48	0.46	0.54	0.52	0.06	0.05	0.40	0.38	1.00	0.38
1/4	20	0.55	0.52	0.64	0.61	0.07	0.05	0.47	0.44	1.50	0.50
5/16	18	0.70	0.67	0.78	0.75	0.09	0.07	0.59	0.56	1.50	0.50
3/8	16	0.83	0.80	0.95	0.92	0.11	0.09	0.76	0.71	2.00	0.75
Tolerance on Length		Nominal Screw Length									
		Up to 1 in., incl.				Over 1 to 2 in., incl.				Over 2 in.	
		±0.03				±0.06				±0.09	

IFI-156 2002 is based on the ASME B 18.17 standard which has been withdrawn by ASME.

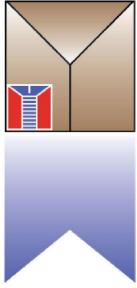
Metallics

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Description	A cold headed, one-piece screw with rolled threads and a flattened head designed for manual turning without a driver or wrench. They are available in two varieties--with and without a shoulder under the head. The shoulder flares to a circular shape of a diameter slightly less than the head diameter of the screw.
Applications/ Advantages	For use in applications where the fastener is frequently adjusted and where tightening torque greater than that achieved with finger pressure is not required. A shoulder-pattern allows the head of the screw to seat flush against the mating surface and helps avoid over-tightening of the fastener which could result in stripped mating threads.
Material	Commercial quality carbon steel.
Tensile Strength	48,000 psi. minimum
Plating	See Appendix-A for plating information.

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