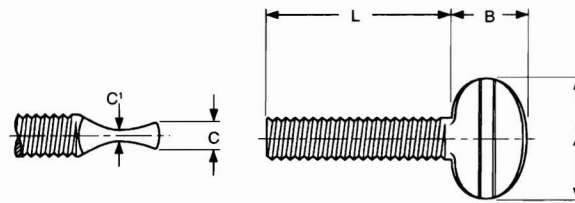
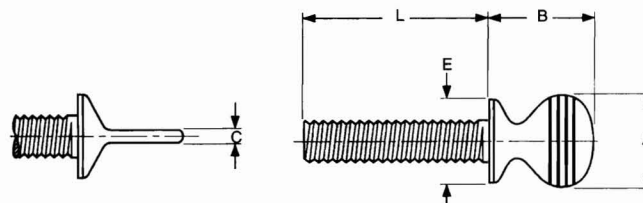


THUMB SCREWS



PLAIN PATTERN – TYPE P

Nominal Size or Basic Screw Diameter	Threads Per Inch	A		B		C		C'		L	
		Head Width		Head Height		Head Thickness		Head Thickness		Practical Screw Lengths	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
6	32	0.45	0.43	0.28	0.26	0.08	0.06	0.03	0.02	1.00	0.25
8	32	0.51	0.49	0.32	0.30	0.09	0.07	0.04	0.02	1.00	0.38
10	24 & 32	0.58	0.54	0.39	0.36	0.10	0.08	0.05	0.03	2.00	0.38
12	24	0.71	0.67	0.45	0.43	0.11	0.09	0.05	0.03	2.00	0.38
1/4	20	0.83	0.80	0.52	0.48	0.16	0.14	0.06	0.03	2.50	0.50
5/16	18	0.96	0.91	0.64	0.60	0.17	0.14	0.09	0.06	3.00	0.50
3/8	16	1.09	1.03	0.71	0.67	0.22	0.18	0.11	0.08	3.00	0.75
7/16	14	1.40	1.35	0.96	0.91	0.27	0.24	0.14	0.11	4.00	1.00
1/2	13	1.54	1.46	1.09	1.03	0.33	0.29	0.15	0.11	4.00	1.00



SHOULDER PATTERN – TYPE S

Nominal Size or Basic Screw Diameter	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