A

SCW

STOCK SIZE CHART (See Note 1)

S = Shoulder Type P = Plain Type

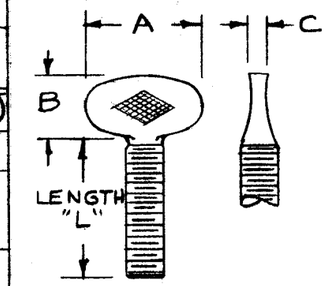
TMC THREAD CODE	THREAD SIZE	LENGTH ("L") in inches											
		1/4	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
0632	6-32	S, P	P	S, P	P	S, P	P						
0832	8-32		P	S, P	P	S, P	P						
1024	10-24		S, P	S, P	S, P	S, P	S, P		P	P			
1032	10-32		S, P	S, P	S, P	S, P	S, P		P	P			
1224	12-24												
2520	1/4-20			S, P	S, P	S, P	S, P	P	S, P	P	P		
3118	5/16-18			S, P		S, P	S, P	P	S, P	P	P	P	
3716	3/8-16					S, P	S, P	P	S, P	S, P	P	P	
5013	1/2-13						P		P	P	P	P	P

MATERIAL CHART

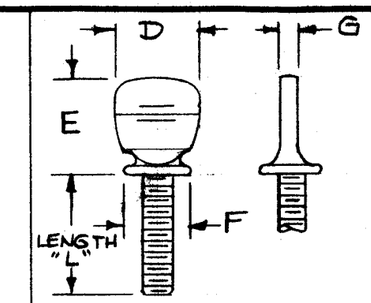
TMC MATERIAL CODE	MATERIAL
S	STEEL (See Note 2)
B	BRASS

FINISH CHART

TMC FINISH CODE	FINISH
P	PLAIN (See Note 2)
C	CADMIUM
N	NICKEL, BRIGHT



TYPE "P" (PLAIN)



TYPE "S" (SHOULDERED)

HEAD SIZES

DIM.	FOR SCREW SIZE								
	6-32	8-32	10-24 10-32	12-24	1/4-20	5/16-18	3/8-16	7/16-14	1/2-13
A	.438	.500	.563	.688	.813	.938	1.063	1.375	1.500
B	.266	.313	.375	.438	.500	.625	.688	.938	1.063
C	.070	.080	.095	.100	.145	.156	.200	.258	.312
D	.303	.354	.410	.468	.536	.682	.812		
E	.322	.374	.468	.531	.620	.765	.937		
F	.242	.295	.335	.390	.450	.570	.690		
G	.045	.055	.058	.060	.065	.087	.106		

POINTS AVAILABLE (See Note 3)

TMC POINT CODE	POINT TYPE	PICTORIAL
P	PLAIN	
R	OVAL	
C	CUP	
V	CONE	
D	DOG	

NOTES:

1. Whenever possible, use stock sizes shown in Chart. Special lengths may be obtained if necessary.
2. Use the Standard Finish, PLAIN STEEL, wherever possible.
3. Use the Standard Point, Type "P", wherever possible.

TMC PART NO. TO BE IN THE FOLLOWING FORM:

SCWP 0832 S P 12 P

BASIC TMC PART NO.	TMC HEAD TYPE CODE (Note 1) See Head Details	TMC THREAD CODE See Chart (Note 1)	TMC MATERIAL CODE See Chart (Note 2)	TMC FINISH CODE (Note 2)	LENGTH DESIRED in 16ths See Stand. Lengths in Chart (Note 1)	TMC POINT CODE (Note 3)

PART NO. EXAMPLE:
SCWS1032SP16P = Thumbscrew, Shoulder Type, 10-32 Thds., Steel, Plain, 1" Long, Plain Point.

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A	1	BASIC DWG. NO. CHG'D. FROM SCT to SCW	2/14/59	780	16	66	aab

TOLERANCES

DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

SCALE: — S-401-25

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.
REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
	USED ON			

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
		STOCK SIZE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		MATERIAL	THUMBSCREW	
TYPE & TEMPER	HEAT TREAT. SPEC.		DRAWN 16 2/2/59	CHECKED G.G. / FINAL APPROVAL aab
FINISH & SPEC. NO.			ELEC. DES. APP. / MECH. DES. APP.	SCW / A

FORM 109-A