

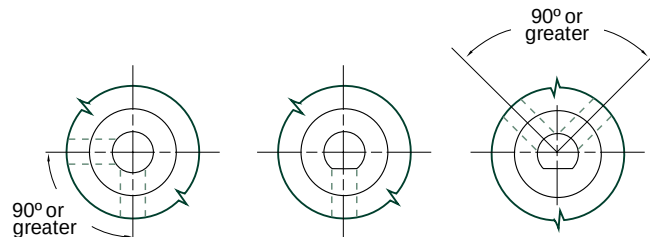
Series	See bottom of page for series designation.
Style Number	See catalog page for assigned style number.
Indicia Config.	Refer to table on page 5. Special marking available.
Illumination	0– knob backlighted in accordance with military specifications or customer requirements 1– knob without illuminated markings NOTE: Lighting requirements must be specified separately.
Color of Knobs	B– black lusterless, color number 37038 of FED-STD-595 G– gray lusterless, color number 36231 of FED-STD-595 M– metal finish, natural anodize in accordance with MIL-A-8625 NOTE: White markings on all knobs to be lusterless, 37875 of FED-STD-595.

Shaft Size	1–.125 Round 2–.125 "D" Flat by .108 3–.250 Round 4–.250 "D" Flat by .223	   
	NOTE: Round shafts are not recommended for use in aircraft. "D" flat perpendicularity to be $\pm 1^\circ$	1–.125 Round 2–.125 "D" Flat by .108 3–.250 Round 4–.250 "D" Flat by .223

Set Screws	E– MS1021-102 for $\frac{1}{8}$ " shafts Q– MS1021-132 for $\frac{1}{4}$ " shafts
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STANDARD SET SCREWS										
Shaft Hole Size		Thread	Length of Set Screw							Spec.
Round	Flat									
0.128	0.108	4-40 UNC-3A								
0.128	NONE	4-40 UNC-3A								
0.190	NONE	4-40 UNC-3A	1/8	3/16	1/4	5/16	3/8	7/16	1/2	MS51021
0.253	0.223	8-32 UNC-3A								MS18064
0.253	NONE	8-32 UNC-3A								AN565

Standard Set Screws Locations



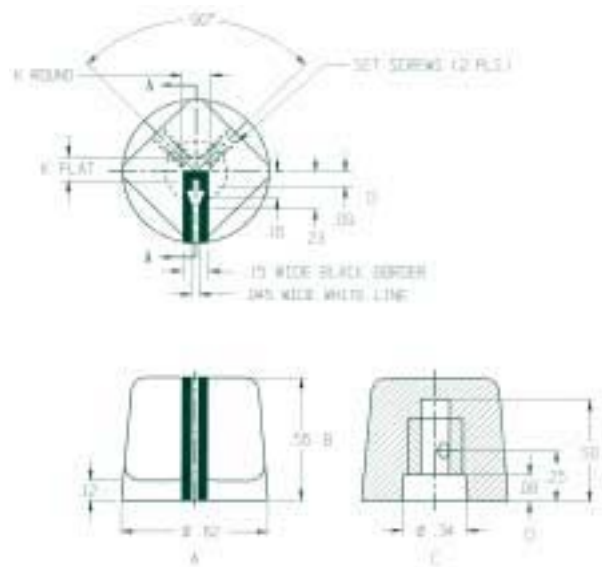
Part Number Designation

I Series	II Knob Style Number	III Type	IV Shaft Size	V Color	VI Indicia Style Figure
TL– Tactile Large TS– Tactile Small PR– Pointer Round PB– Pointer Bar RE– Round RC– Round Concentric FRB–Round Bar FPB–Pointer Bar SPK– Pencil Knobs	see catalog page for assigned style number	0– Illuminated 1– NonIlluminated 2– Metal 3– NVIS	1– .125 Round 2– .125 D 3– .250 Round 4– .250 D 5– Reverse Flat or Set Screw Hole	B– Black G– Gray	A1-A4 B1-B3 C1-C2 D1-D2 See chart on page 5

	Knob Type	Shaft Hole Diam.	Color	Marking
	Illuminated	1/4" "D" Flat	Gray knob	Black background/White line
EXAMPLE: PR8402-04 G A2	PR8402- 0	4	G	A2

All backlighted knobs come with 2 self-locking set screws.
Set screw locations can vary according to customer requirements.





TS Series

Style Number	A Base Diameter	B Height	C Min. Nut Clearance Diameter	D Nut Clearance Depth	Set Screws	
					1/8	1/4
3700	0.62	0.56	0.25	0.08	MS51021-101	—
3710	0.62	0.56	0.25	0.08	MS51021-102	—
3720	0.62	0.56	0.25	0.08	MS51021-102	MS51021-132
3730	0.62	0.56	0.25	0.08	MS51021-101	MS51021-131
3740	0.62	0.56	0.25	0.08	MS51021-102	MS51021-132
3750	0.62	0.56	0.25	0.08	MS51021-101	—
3760	0.62	0.56	0.25	0.08	MS51021-101	—
3770	0.62	0.56	0.25	0.08	MS51021-102	—

Design Variations

- All parts are available with or without “Grip/Pull” serrations on the sides
- Set screw locations can vary
- Markings and color can vary (see page 4)
- Nut clearance depth and diameter can vary
- See part number system for shaft hole designation

Detailed drawings are available for each style

All of our backlighted knobs can be manufactured for night vision use. Our knobs meet NVIS “Green A” requirements.