

## RHEOSTAT KNOBS



Knobs are made of black bakelite and fasten by means of two screwdriver slotted set screws (except No. 5102, 5103, 5150 and 5151 which have one screw). Knobs can be ordered with hexagon socket set screws by adding suffix -A to catalog number. Indicating lines are white filled; pointers are bright plated. Any knob can be used with any model of rheostat having the corresponding shaft diameter. Knob No. 5116 is recommended for general use where a small bar type knob is wanted. Knobs must be specified on order, when desired.

Description	Knob Dia.	Hole Dia.	Pointer Radius	Cat. No.
Bar Knob, 2 1/4" long	—	1/4"	1 1/4"	5102
Bar Knob, 1 1/4" long	—	1/4"	3/4"	5103
Handwheel with Pointer	3 3/4"	3/4"	2 1/2"	5104
Handwheel without Pointer	3 3/4"	3/4"	—	5105
Handwheel with Pointer	3 3/4"	1/4"	2 1/2"	5106
Handwheel without Pointer	3 3/4"	1/4"	—	5107
Finger-Grip with Pointer	1 3/4"	1/4"	1 1/2"	5109
Finger-Grip without Pointer	1 3/4"	1/4"	—	5110
Finger-Grip with Pointer	2 3/4"	1/4"	1 1/2"	5111
Finger-Grip without Pointer	2 3/4"	1/4"	—	5112
Bar Knob, 4 3/4" long—Requires cross-pin and topped hole in shaft	—	3/8"	1 3/4"	5115
Bar Knob, 1 1/2" long	—	1/4"	3/4"	5116
Finger-Grip without Pointer	2 3/4"	3/8"	—	5124
Finger-Grip with Pointer	2 3/4"	3/8"	1 1/2"	5130
Bar Knob, 1 1/2" long, AN-3220-3 Military Style—Dull Finish	—	*1/4"	3/4"	5136
Finger-Grip	1 1/2"	1/4"	—	5150
Finger-Grip	3/4"	1/4"	—	5151

\*"D" Shaped hole to fit 5/16" deep flat.

## RHEOSTAT DIALS

Fig. 67: Typical rheostat dial



Standard Dials For Rheostat	Dial Diam.	Catalog No.
H, J, G, K, L	2 3/8"	5000
P, N, R, T, U	5 1/2"	5001
C, E	1 1/4"	5007

Dials are made of aluminum with the figures and lines natural aluminum on an etched black background. Dials are calibrated to indicate the approximate percentage of resistance in the circuit (clockwise increase). Dials No. 5000 and 5007 are secured by the rheostat mounting nut. Dial No. 5001 is separately fastened by means of No. 6 screws, or it can be held by the rheostat mounting screws.

## MOUNTING NUTS

Standard Nut: 3/8"-32 thread hexagonal 5/16" cross flats by 3/8" thick, cadmium plated steel. . . . . Cat. No. 6500

## RHEOSTAT MOUNTING BRACKETS



Fig. 68: Rheostat mounting brackets and insulating washer No. 6028

Mounting brackets are made of cadmium-plated steel. They furnish a convenient mounting for units located and controlled on the rear of a panel, in an enclosure or for "breadboard" construction.

### HORIZONTAL TYPE

For Models	Mtg. Hole Centers	Mtg. Hole		Width	Height	Cat. No.
		Dia.	For Max. Screw			
H, J	3"	3/8"	No. 8	2 1/4"	1 1/4"	6520
G, K, L	5"	3/8"	No. 8	4 3/4"	2 3/4"	6521

### VERTICAL TYPE

For Models	Mtg. Hole Centers	MTG. HOLE		Height to Shaft Center	Hole Size	Cat. No.
		Dia.	For Max. Screw			
H, J, G	1 1/2"	3/8"	No. 6	1 3/4"	1/2"	6522*
H, J, G	1 1/2"	3/8"	No. 6	1 3/4"	3/8"†	6523

\*Supplied with insulating fibre bushing, Cat. No. 6028, as illustrated, for 3/8" dia. bushing of rheostats, to provide additional insulation to ground.

†Includes 3/4" dia. hole at 1/2" center for standard non-turn washer.

## SHOULDER TYPE MOUNTING NUTS

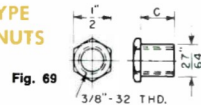


Fig. 69

Shoulder nuts are used when it is desired to have the end of a screw-driver slotted shaft below the top of the mounting nut. The nuts are tapped 3/8"-32 and require a 3/16" diameter hole in the panel. Refer to page 17 for more information on use.

Shoulder Nut, "C" = 7/8" . . . . . Cat. No. 6056  
Shoulder Nut, "C" = 1 1/2" . . . . . Cat. No. 6057

## NON-TURN WASHERS

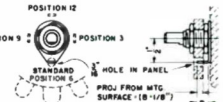


Fig. 70: How non-turn washer is used.

To prevent rheostats which are mounted by a single bushing, such as the Models H, J, G, K, (and sometimes L) from turning on the panel, they are provided with a washer which has a projecting lug to fit into an additional hole in the panel. The lug can be ordered located at any 90° position, and it can be bent down if not wanted. Supplied in "6 o'clock" position unless otherwise specified.

Standard Non-Turn Washer—"B" = 3/32" . . . . . Cat. No. 5050  
Long Tip Non-Turn Washer—"B" = 1/4" . . . . . Cat. No. 5051  
Narrow Tip Non-Turn Washer—  
"B" = 3/32" x 1/8" . . . . . Cat. No. 5052