

7/8" DIAMETER/0-15 TURNS

- No backlash
- Compact - requires minimal panel space
- For use with precision potentiometers or other rotating devices, up to 15 turns

BOURNS

Model H-507-6

Bourns® Turns-Counting Dials

Mechanical and Physical Characteristics

Number of Turns	0 to 15
Dial Divisions	50 per turn
Readability - Over 10 Turns	2 parts in 1000
Torque - With Brake Engaged	5 oz-in. (350 cm. gr.) minimum
Weight	Approximately .2469 oz. (7 gr.)
Markings	White on black background
Mechanical Life	10,000 cycles
Set Screws	1 included

Shaft and Bushing Requirements

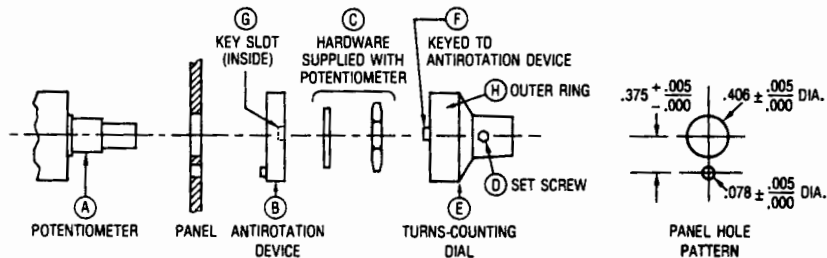
Shaft Extension Beyond Panel	0.7126 in. minimum (18.1 mm)
	0.8504 in. maximum (21.6 mm)
Bushing Extension Beyond Panel	0.3976 in. maximum (10.1 mm)
Shaft Diameter	1/4" (6.35 mm)

FEATURES

- For use with precision potentiometers or other rotating devices up to 15 turns
- Excellent legibility - white marking on black background
- High quality, rugged construction, aluminum housing, metal-to-metal setscrew threads
- No backlash - mounted directly to potentiometer shaft
- Compact - requires only 7/8" diameter panel space
- High force, positive brake

H-507-6 MOUNTING INSTRUCTIONS

1. Insert potentiometer **A** in panel.
2. Install anti-rotation device **B** using hardware **C** supplied with potentiometer.
3. Turn potentiometer shaft counterclockwise to minimum resistance or voltage ratio.
4. Loosen set screw **D** in knob of turns-counting dial **E** using allen wrench. Set dial to "0.0."
5. Mount dial on potentiometer shaft and position against anti-rotation device. Care must be exercised to insure dial key **F** is inserted in anti-rotation device slot **G**.
6. While holding outer ring **H** of turns-counting dial, tighten set screw **D** to potentiometer shaft.



Dimensional Drawings

