

PRECISION TOOLS FROM 

"Your Automotive Measuring People"

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 **Central Tools, Inc.**

"Your Automotive Measuring People"

456 Wellington Avenue  
Cranston, Rhode Island 02910

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**CYLINDER BORE GAGE**



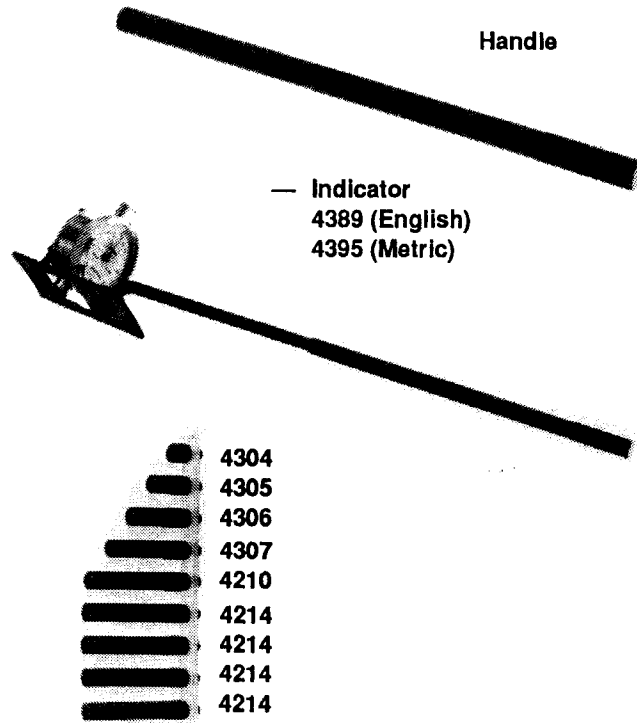
**No. 6460**      Range 2 1/8" - 7"

**No. 6461**      Range 56mm - 175mm

 **Central Tools, Inc.**

Cranston, Rhode Island 02910

## INSTRUCTIONS FOR MEASURING CYLINDER TAPER



**4439** — Entire Extension and Contact Point Set

**4517** — Fitted Case

When ordering replacement parts please specify using numbers shown above.

1. Select and install the correct combination of plunger extensions required for the cylinder being measured.
2. Attach handle extension.
3. Lower gage to bottom of bore. Readings should be taken across cylinder wall thrust surfaces, at right angles to crankshaft, to measure maximum wear.
4. Maintain steady light side pressure on handle to keep sled in positive contact with cylinder wall. Take reading at bottom of cylinder.
5. Slide gage to top of stroke wear surface, just below ridge. Difference in readings is total cylinder taper. To assist in taking readings, gage bezel may be rotated and dial set to zero with gage in cylinder.

## MEASURING CYLINDER DIAMETER

1. Set an outside micrometer to the standard cylinder size for the engine being worked on.
2. Using this setting, place gage measuring contacts across micrometer faces and set dial to zero.
3. Place gage in cylinder and rock to get lowest reading on dial. Reading on plus (+) side of zero will indicate oversize or wear above standard specifications.