

PULCOM Series

BG-140 Automatic Centering Bore Gauges

Inner-Diameter Measuring Heads for Post-Process



Configurations

- ▶ PULCOM V8
- ▶ PULCOM V10

Features

Automatic Centering Within $\phi 1\text{mm}$

The measuring head can be automatically centered after roughly positioning the workpiece on the measuring station.

Wide Measuring Range

Measurements between $\phi 20\text{mm}$ and $\phi 120\text{mm}$ can be performed by replacing the guides and styluses.

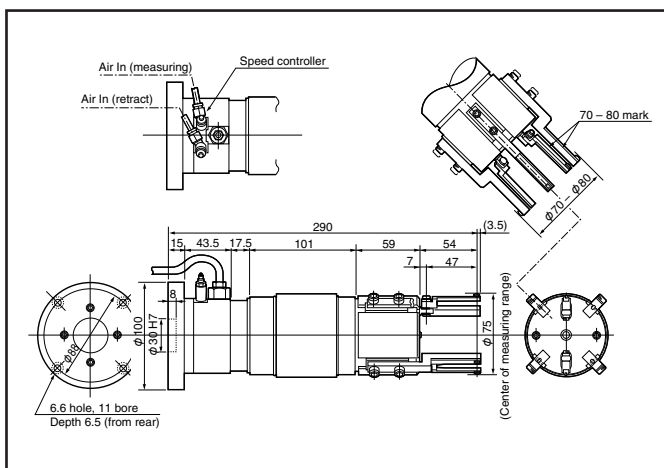
Automatic Zero Set for Diameter Difference Within 10mm

The unit has movable guides and fingers, enabling changing of setup to be automatically performed for diameter differences of up to 10mm.

40 Types of Workpieces

By combining the BG-140 with the V8 or V10 size shift function, 40 types of workpieces can automatically be measured.

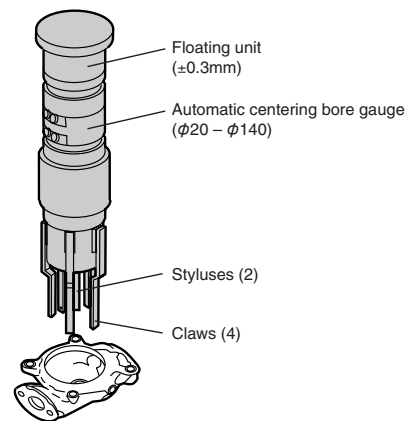
Outer Appearance/Dimension Diagram



Applications

Inner Diameter Measurement of Housings

Provision of the size shift function enables automatic measurement of diameters that differ up to $\phi 10\text{mm}$.



BG-140

Specifications

Model	BG-141
Measuring unit	Automatic centering bore gauge
Measuring range	$\phi 20 - \phi 120\text{ mm}$
Continuous measuring range	$\phi 10\text{ mm}$
Automatic centering range	$\phi 1\text{ mm}$
Measuring force	1.1 – 1.8 N
Repeatability	1.5 μm