

# BG-140 Automatic Centering Bore Gages

## Inner-Diameter Measuring Heads for Post-Process



### Configurations

- ▶ PULCOM V8
- ▶ PULCOM V10A

### 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.

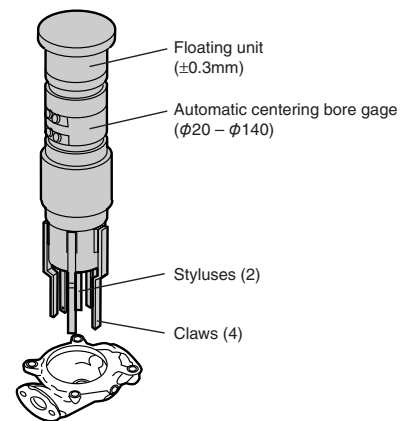
#### 40 Types of Workpieces

By combining the BG-140 with the V8 or V10A size shift function, 40 types of workpieces can automatically be measured.

### Applications

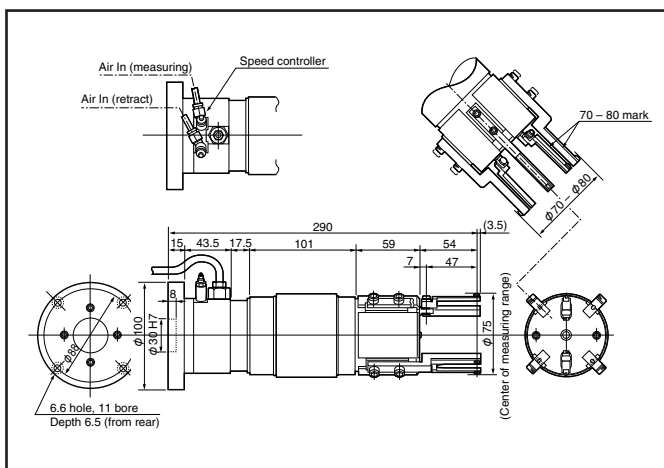
#### Inner Diameter Measurement of Housings

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



BG-140

### Outer Appearance/Dimension Diagram



### Specifications

Model	BG-141
Product Code	0961520
Measuring unit	Automatic centering bore gage
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 $\mu\text{m}$