

# STEEL PIN GAUGE SET with HANDLE AG series

Reduced wear SUB-ZERO Treatment Individual pin gauges are also available



## Pin Gauge with Plastic handle

- Easy to handle for measuring
- Less affected by temperature
- The handle protects Pin Gauges from skin oil and salts
- Size is marked on each plastic handle
- Individual pin gauges are also available

0.01mmstep

Model No.	Nominal size (mm)	Pins per set
AG-0A	0.20 · 0.21 · 0.22... 0.50	31
AG-0B	0.50 · 0.51 · 0.52... 1.00	51
AG-1A	1.00 · 1.01 · 1.02... 1.50	51
AG-1B	1.50 · 1.51 · 1.52... 2.00	51
AG-2A	2.00 · 2.01 · 2.02... 2.50	51
AG-2B	2.50 · 2.51 · 2.52... 3.00	51
AG-3A	3.00 · 3.01 · 3.02... 3.50	51
AG-3B	3.50 · 3.51 · 3.52... 4.00	51
AG-4A	4.00 · 4.01 · 4.02... 4.50	51
AG-4B	4.50 · 4.51 · 4.52... 5.00	51
AG-5A	5.00 · 5.01 · 5.02... 5.50	51
AG-5B	5.50 · 5.51 · 5.52... 6.00	51
AG-6A	6.00 · 6.01 · 6.02... 6.50	51
AG-6B	6.50 · 6.51 · 6.52... 7.00	51
AG-7A	7.00 · 7.01 · 7.02... 7.50	51
AG-7B	7.50 · 7.51 · 7.52... 8.00	51
AG-8A	8.00 · 8.01 · 8.02... 8.50	51
AG-8B	8.50 · 8.51 · 8.52... 9.00	51
AG-9A	9.00 · 9.01 · 9.02... 9.50	51
AG-9B	9.50 · 9.51 · 9.52... 10.00	51

### SPECIFICATIONS

Nominal size (mm)	Step (mm)	Length (mm)		Tolerance (μm)	Out of Roundness (μm)	Out of Cylindricity (μm)	Hardness (HV)
		Gauge Length	Overall Length				
0.07... 0.09	0.01 step	3	41	±0.5	0.5	0.5	More than 650
0.10... 0.19				±1.0			
0.20... 0.29							
0.30... 0.49		10	48				
0.50... 0.99		20	58				
1.00... 5.00		30	71				
5.01... 10.00	76						

※Exceptionally, for 1.00mm Pin Gauge in Set No. AG-0B – Gauge Length : 20mm/ Overall Length : 58mm

# STEEL PIN GAUGE with CENTER HOLE AC series

Reduced wear SUB-ZERO Treatment

Use for measuring gear runout and eccentricity of gear wheels or pulleys can also measure squareness between the hole and side face.

- Vibration measurements
- For above 2.00 mm, the Nominal size is marked on gauge



### SPECIFICATIONS

Nominal size (mm)	Step (mm)	Length (mm)	Tolerance (μm)	Out of Roundness (μm)	Out of Cylindricity (μm)	Runout Tolerance (μm)	Center hole Angle	Center hole Diameter (mm)	Hardness (HV)
2.00...2.99	0.01 step	50	±2.0	1.0	1.0	Within 2.0	60°	1.3	More than 650
3.00...3.99								1.8	
4.00...6.99								2.4	
7.00...10.00								4	

# MASTER PIN GAUGE

Reduced wear SUB-ZERO Treatment

Actual value of the specific area is marked on pin gauge

### SPECIFICATIONS

Nominal size (mm)	Step (mm)	Length (mm)	Uncertainty (μm)	Out of Roundness (μm)	Hardness (HV)
1.00...4.00	0.01 step	50	0.4	0.5	More than 650
4.01...6.00					



Calibrating a laser thickness gauge using the marked area of the master pin gauge

