



OPERATION INSTRUCTION

Dial Snap Gages

Code	Range	Parallelism of measuring faces
2186-25	0-25mm	4 μ m
2186-50	25-50mm	4 μ m
2186-75	50-75mm	5 μ m
2186-100	75-100mm	6 μ m
2186-125	100-125mm	6 μ m
2186-150	125-150mm	8 μ m
2186-175	150-175mm	8 μ m
2186-200	175-200mm	10 μ m
2186-225	200-225mm	10 μ m
2186-250	225-250mm	10 μ m
2186-275	250-275mm	12 μ m
2186-300	275-300mm	12 μ m



- 1-dial indicator(optional)
- 2-probe
- 3-support table
- 4-anvil
- 5-adjusting nut
- 6-lock nu

1. Used for Go/No-Go quick judgment of cylindrical workpiece diameter.
2. According to the nominal size of the measured workpiece, select the appropriate master setting disc to calibrate the gauge before measurement:
 - Install the dial indicator and wipe the snap gage and measuring face of setting disc with a clean soft cloth.
 - Loosen the lock nut, place the master setting disc between the two measuring surfaces, and turn the adjusting nut. When the two measuring surfaces lightly contact the two ends of the master setting disc, continue to turn the adjusting nut until the probe is pressed to half of the indentation. Tighten the lock nut. Adjust the reading of dial indicator to zero.
 - Check regularly to ensure that the zero position is accurate.

3. Measurement:
 - When testing a batch of workpieces, you can use the limit of the support table, loosen the lock nut, adjust the support table to appropriate position according to the workpiece, and lock the locking screw.
 - Place the measured workpiece on the support table (the probe and the anvil are carbide measuring surfaces, and the chamfer on front end to facilitates insertion of the workpiece) so that the workpiece and the snap gage are fully in contact.
 - Read the measurement result through the dial indicator.
 - After the reading is completed, remove the measured workpiece.



4. After use, protect the probe with oil.
5. Optional accessory: dial indicators and digital indicators(reading 0.001mm or 0.01mm), master setting disc(code 6316).