

# UNIVERSAL COMPARISON GAUGE



internal/external diameter measurement switch

- Measure outer diameter, inside diameter and center-to-center distance
- Movable point stroke: 10mm, effective range of movable point: ±2mm
- Optional accessory: gauge block accessory (code **6881**), gauge block holder (code **6886**)  
individual steel gauge blocks (code **4101**)



Code	Range of external diameter**	Range of internal diameter**	Accuracy*	Repeatability
2927-M200	0-200mm/0-8"	30-250mm/1.2"-10"	±5µm	2µm

\*After set zero, accuracy is ±5µm within range of ±2mm from zero position

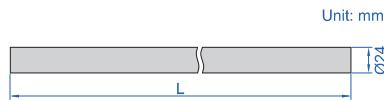
\*\*The measuring range will change according to different measuring points

## Extension rods (optional)



2927-A1000CF

Code	Length (L)	Material
2927-A200	200mm	steel
2927-A500CF	500mm	carbon fiber
2927-A1000CF	1000mm	carbon fiber



## Digital indicator (optional)



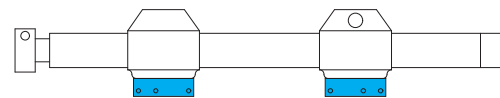
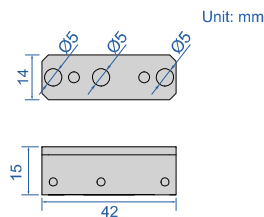
resolution: 0.001mm/0.00005"

Code	Range
2103-10F	12.7mm/0.5"

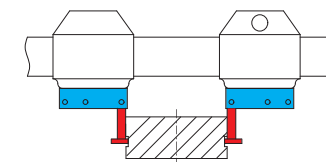
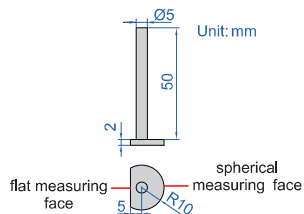
## Stands (optional, supplied in pair)



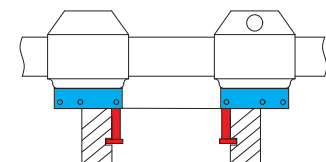
Code
2927-H



## Half disk points (optional, supplied in pair)



measuring external groove diameter with flat measuring face (depth≤2.5mm)

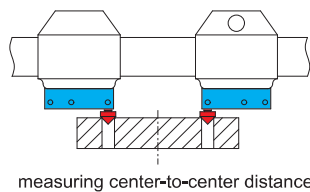
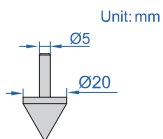


measuring internal groove diameter with spherical measuring face (depth≤7.5mm)

Code
2927-S101

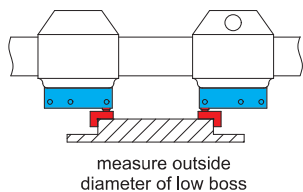
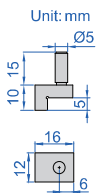
### Conical points (optional, supplied in pair)

**Code**  
2927-S102



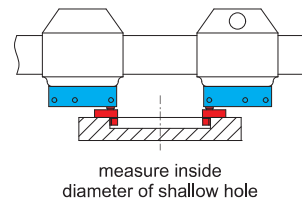
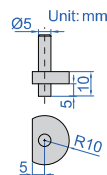
### Flat shoulder points (optional, supplied in pair)

**Code**  
2927-S103



### Round shoulder points (optional, supplied in pair)

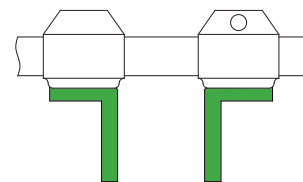
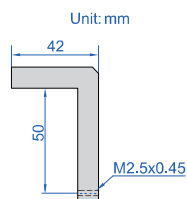
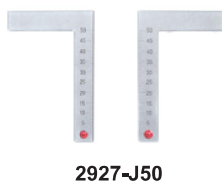
**Code**  
2927-S104



### Measuring jaws (optional, supplied in pair)

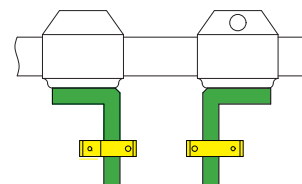
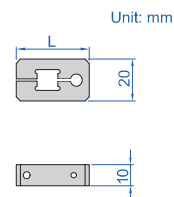
Code	Repeatability*
2927-J50	3µm

\*When installing the measuring jaws



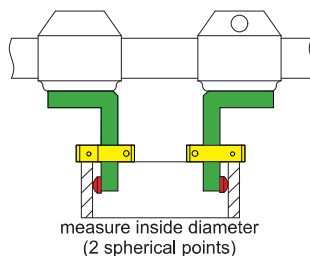
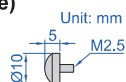
### Depth stop (optional, supplied in pair)

Code	L
2927-D	40mm
2927-D1	55mm
2927-D2	75mm



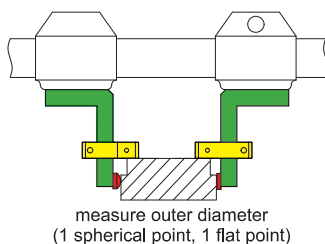
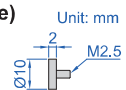
### Spherical point (optional, supplied in single)

**Code**  
2927-S201

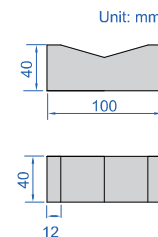


### Flat point (optional, supplied in single)

**Code**  
2927-S202

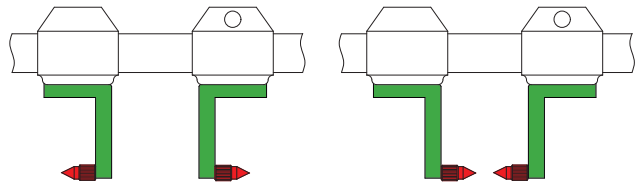
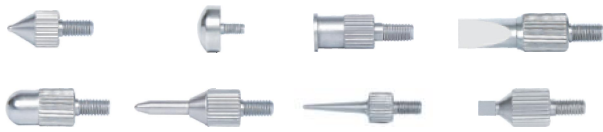


### V-shaped placement brackets (optional, supplied in pair)



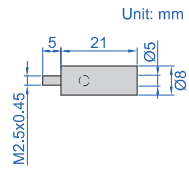
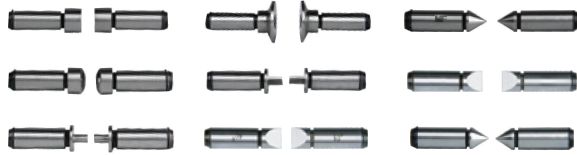
**Code**  
2927-V

**Points (optional, supplied in single)**



**Multifunctional points (optional, supplied in pair)**

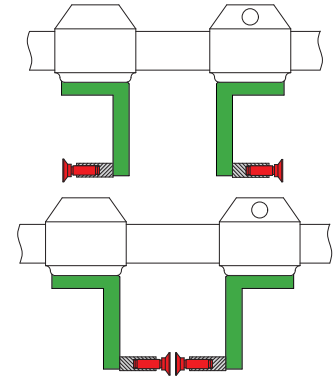
Code 7392



Point sleeve  
(optional, supplied in pair)

Code

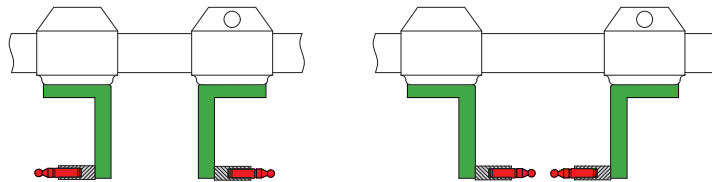
2927-T101



\* It is necessary to use point sleeve (code 2927-T101) for these points

**Ball points (optional, supplied in pair)**

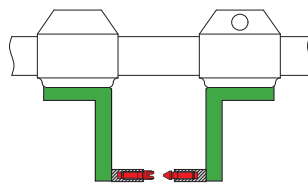
Code 7391



\* It is necessary to use point sleeve (code 2927-T101) for these points

**External thread points (optional, supplied in pair)**

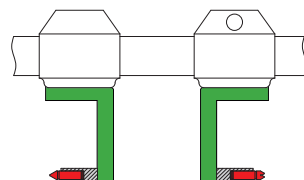
Code 7381



\* It is necessary to use point sleeve (code 2927-T101) for these points

**Internal thread points (optional, supplied in pair)**

Code 7321



\* It is necessary to use point sleeve (code 2927-T101) for these points

## Universal Comparison Gauge Set



**2927-200A**

- Measure internal and external dimensions, such as grooves, shoulders, shallow holes, center to center distances, etc.
- Includes:
  - 1) Universal comparison gauge, switchable between internal and external diameter measurement, external diameter range 0–200mm, internal diameter range 30–250mm (code **2927-M200**)
  - 2) Digital indicator, range 0–12.7mm/0–0.5", resolution 0.001mm/0.00005" (code **2138-10F**)
  - 3) Stands (code **2927-H**, supplied in pair)
  - 4) Half disk points (code **2927-S101**, supplied in pair)
  - 5) Conical points (code **2927-S102**, supplied in pair)
  - 6) Flat shoulder points (code **2927-S103**, supplied in pair)
  - 7) Round shoulder points (code **2927-S104**, supplied in pair)
  - 8) Measuring jaws (code **2927-J50**, supplied in pair)
  - 9) Depth stops (code **2927-D**, supplied in pair)
  - 10) Spherical point (code **2927-S201**), 2pcs
  - 11) Flat point (code **2927-S202**), 2pcs

### Code

**2927-200A**

