

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: ± 2 mm
- Optional accessory: gauge block accessory (code **6881**), gauge block holder (code **6886**)
individual steel gauge blocks (code **4112**)



$\varnothing 24$ mm

Code	Range of external diameter**	Range of internal diameter**	Accuracy*	Repeatability
2927-M200	0-200mm/0-8"	30-250mm/1.2"-10"	$\pm 5\mu\text{m}$	2 μm

*After set zero, accuracy is $\pm 5\mu\text{m}$ within range of ± 2 mm from zero position

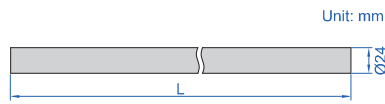
**The measuring range will change according to different measuring points

Extension rods (optional)



2927-A1000CF

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



Unit: mm

$\varnothing 24$

Digital indicator (optional)



resolution: 0.001mm/0.00005"

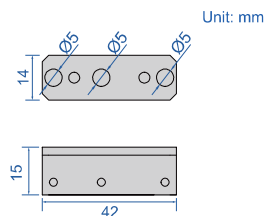
Code	Range
2103-10F	12.7mm/0.5"

Stands (optional, supplied in pair)

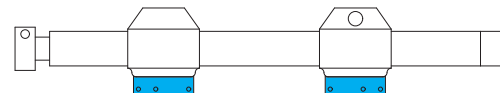


Code

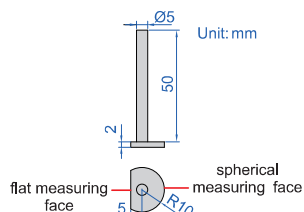
2927-H



Unit: mm



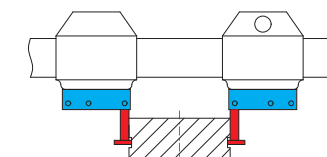
Half disk points (optional, supplied in pair)



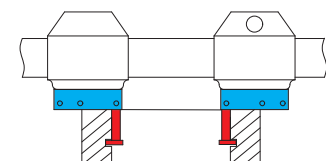
Unit: mm

flat measuring face

spherical measuring face



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



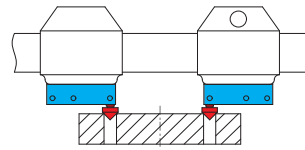
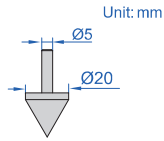
measuring internal groove diameter with spherical measuring face (depths ≤ 7.5 mm)

Code

2927-S101

Conical points (optional, supplied in pair)

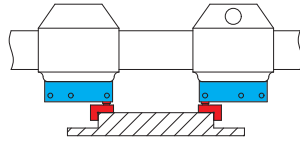
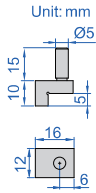
Code
2927-S102



measuring center-to-center distance

Flat shoulder points (optional, supplied in pair)

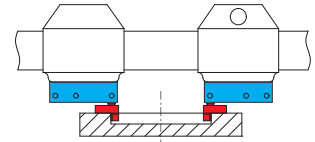
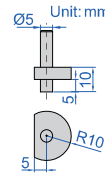
Code
2927-S103



measure outside diameter of low boss

Round shoulder points (optional, supplied in pair)

Code
2927-S104

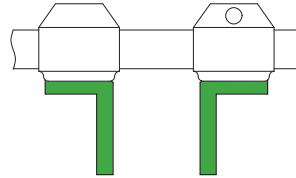
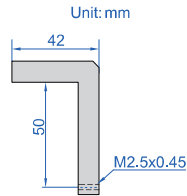


measure inside diameter of shallow hole

Measuring jaws (optional, supplied in pair)

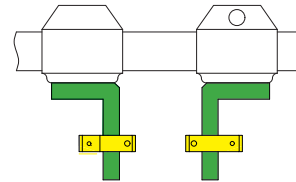
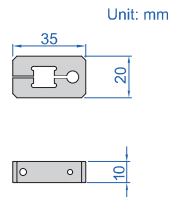
Code	Repeatability*
2927-J50	3µm

*When installing the measuring jaws



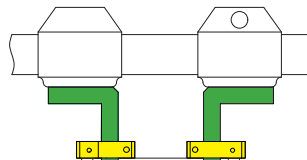
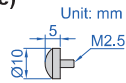
Depth stop (optional, supplied in pair)

Code
2927-D



Spherical point (optional, supplied in single)

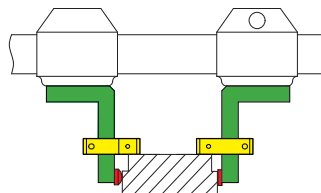
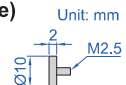
Code
2927-S201



measure inside diameter
(2 spherical points)

Flat point (optional, supplied in single)

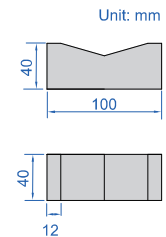
Code
2927-S202



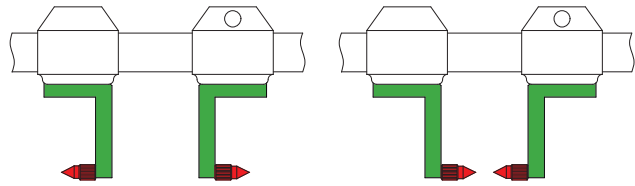
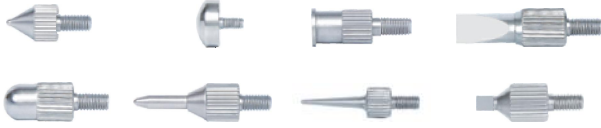
measure outer diameter
(1 spherical point, 1 flat point)

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

Code
2927-V

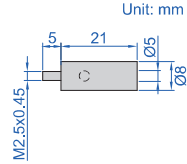
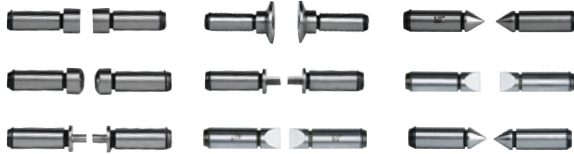


Points (optional, supplied in single)



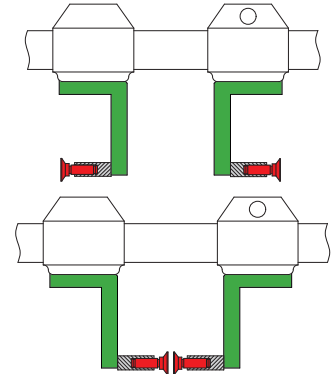
Multifunctional points (optional, supplied in pair)

Code 7392



Point sleeve
(optional, supplied in pair)

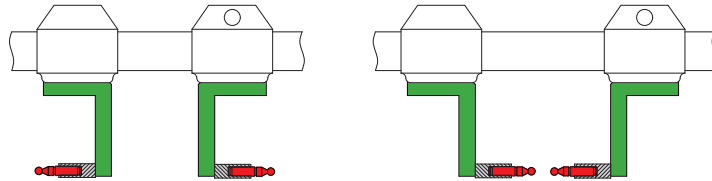
Code
2927-T101



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

Ball points (optional, supplied in pair)

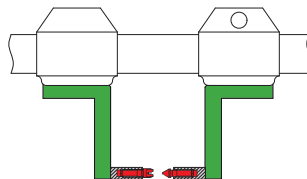
Code 7391



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

External thread points (optional, supplied in pair)

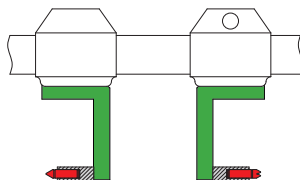
Code 7381



* 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