

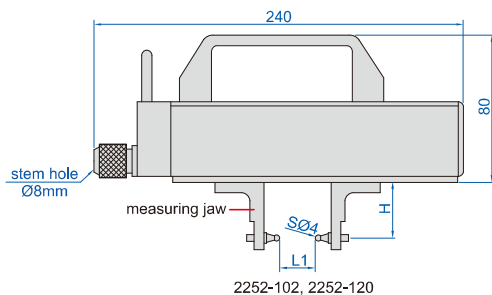
CUSTOMIZABLE MEASURING JAWS AND POINTS

COMPARISON GAGES



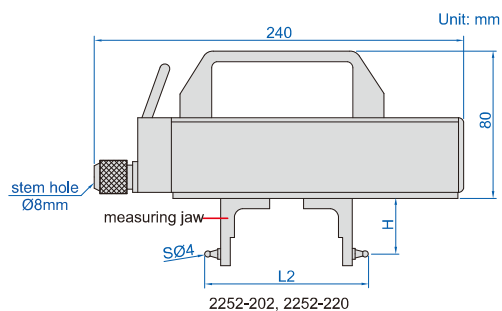
digital indicator is optional

measure external diameter
2252-102



digital indicator is optional

measure internal diameter
2252-202



- Measure external diameter, internal diameter and over-pin diameter of gears
- Total range of movable point: 8mm, effective range of movable point: ± 2 mm
- Optional accessory: digital indicator (code **2138-10F**), gage block grade 1 (**4101-B** series)

Measure external diameter

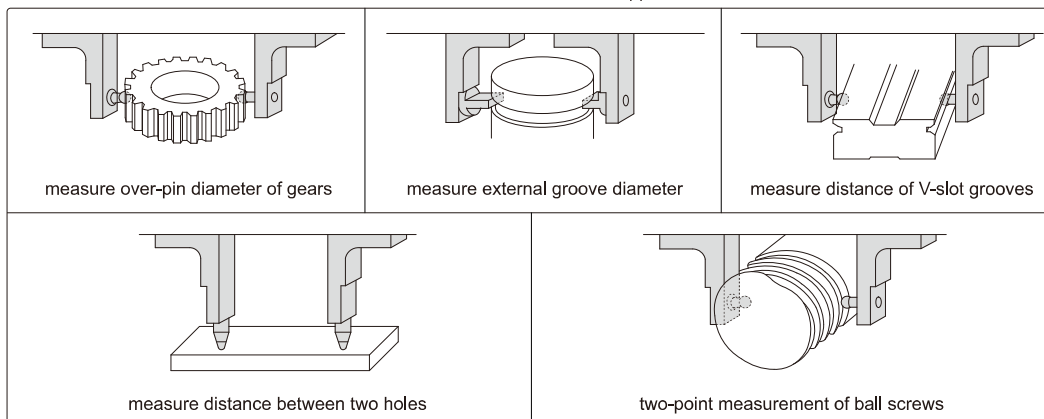
Code	Range of external diameter (L1)	Accuracy*	Repeatability	H
2252-102	0-90mm/0-3.54"	$\pm 5\mu\text{m}$	1 μm	40mm
2252-120	0-80mm/0-3.15"	$\pm 5\mu\text{m}$	2 μm	70mm

Measure internal diameter

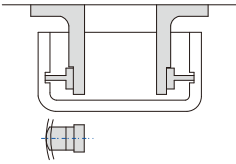
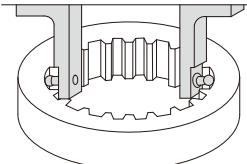
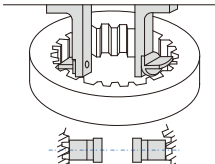
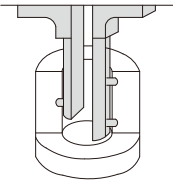
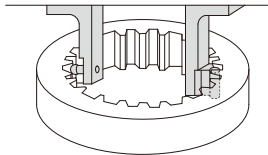
Code	Range of external diameter (L2)	Accuracy*	Repeatability	H
2252-202	80-180mm/3.15-7.08"	$\pm 5\mu\text{m}$	1 μm	40mm
2252-220	90-180mm/3.54-7.08"	$\pm 5\mu\text{m}$	2 μm	70mm

*Within ± 2 mm effective range

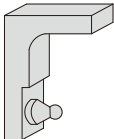
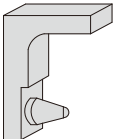
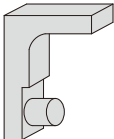
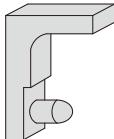
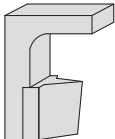
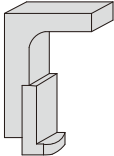
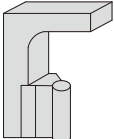
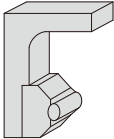
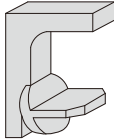
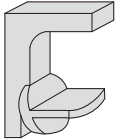
external diameter measurement application



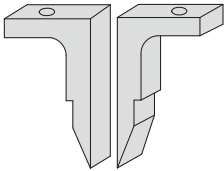
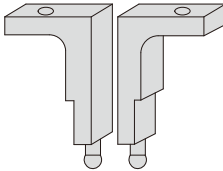
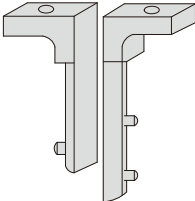
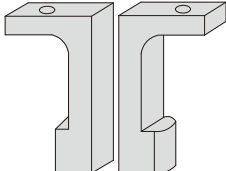
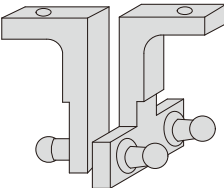
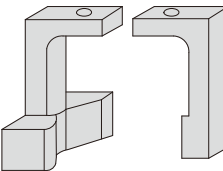
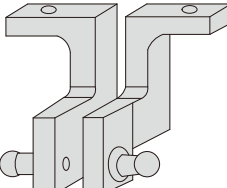
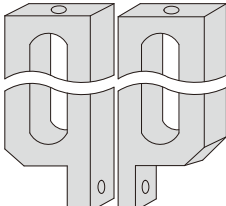
internal diameter measurement application

 <p>measure internal groove diameter</p>	 <p>measure major diameter at the missing teeth of internal spline</p>	 <p>measure minor diameter of internal odd teeth</p>
 <p>three-point measurement of ball splines and ball nuts</p>	 <p>ball/cylinder points measurement of internal spline over-pin diameter</p>	

customizable points

 <p>ball point</p>	 <p>ball point</p>	 <p>flat point</p>	 <p>shell type point</p>	 <p>external thread minor diameter point</p>
 <p>shallow hole point</p>	 <p>cylindrical point for gear</p>	 <p>cylindrical point for gear</p>	 <p>external groove point</p>	 <p>internal groove point</p>

customizable measuring jaws

 <p>width measuring jaws</p>	 <p>shallow hole distance measuring jaws</p>	 <p>ball splines/nuts measuring jaws</p>	 <p>one-piece measuring jaws</p>
 <p>three-point measuring jaws</p>	 <p>major diameter measuring jaws of odd teeth</p>	 <p>eccentric measuring jaws</p>	 <p>special shaped measuring jaws</p>