



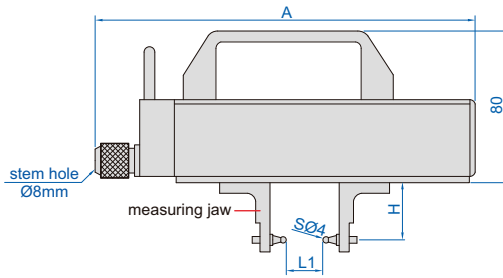
digital indicator
is optional

measure external diameter
2252-110

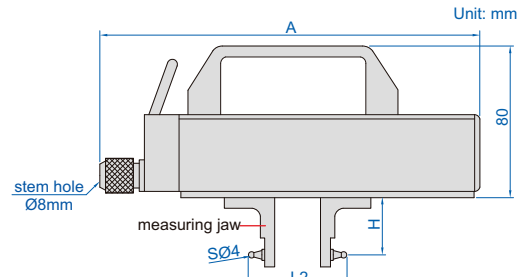


digital indicator
is optional

measure internal diameter
2252-220



2252-101, 2252-102, 2252-110 and 2252-120



2252-201, 2252-202, 2252-210 and 2252-220

- 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	A	H
2252-101	25-90mm/1-3.54"	$\pm 5\mu\text{m}$	$1\mu\text{m}$	195mm	40mm
2252-102	25-140mm/1-5.51"	$\pm 5\mu\text{m}$	$1\mu\text{m}$	245mm	40mm
2252-110	25-90mm/1-3.54"	$\pm 5\mu\text{m}$	$2\mu\text{m}$	195mm	70mm
2252-120	25-140mm/1-5.51"	$\pm 5\mu\text{m}$	$2\mu\text{m}$	245mm	70mm

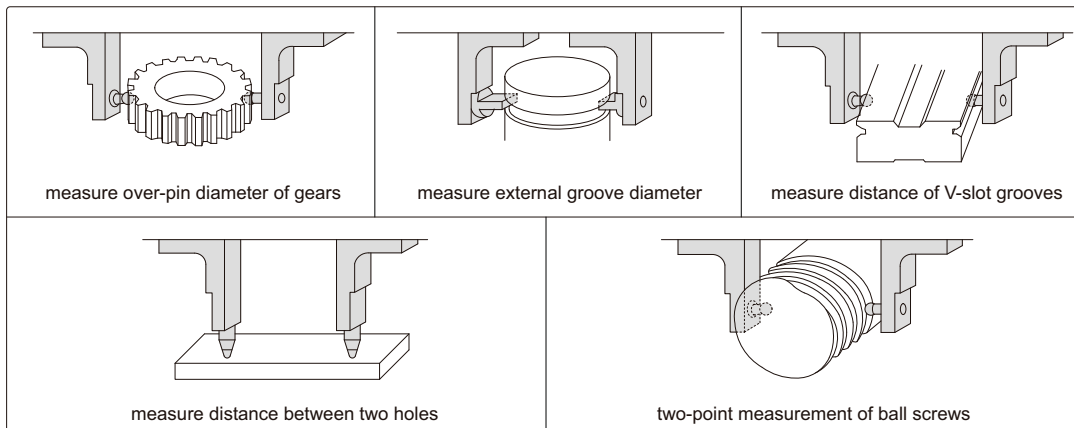
Measure internal diameter

Code	Range of external diameter (L2)	Accuracy*	Repeatability	A	H
2252-201	42-105mm/1.65-4.13"	$\pm 5\mu\text{m}$	$1\mu\text{m}$	195mm	40mm
2252-202	42-160mm/1.65-6.30"	$\pm 5\mu\text{m}$	$1\mu\text{m}$	245mm	40mm
2252-210	42-105mm/1.65-4.13"	$\pm 5\mu\text{m}$	$2\mu\text{m}$	195mm	70mm
2252-220	42-160mm/1.65-6.30"	$\pm 5\mu\text{m}$	$2\mu\text{m}$	245mm	70mm

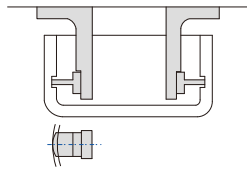
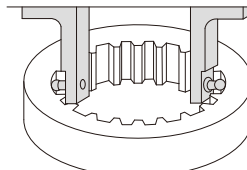
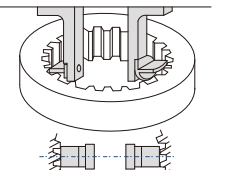
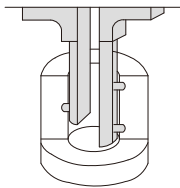
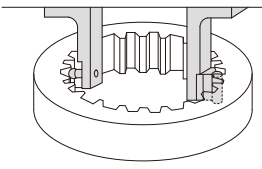
*Within ± 2 mm effective range



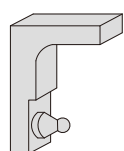
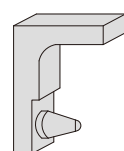
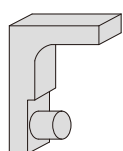
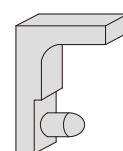
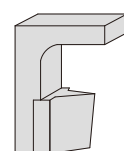
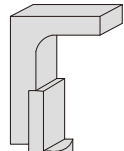
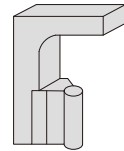
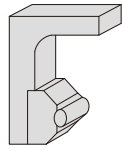
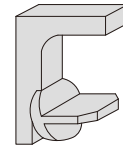
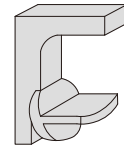
external diameter measurement application



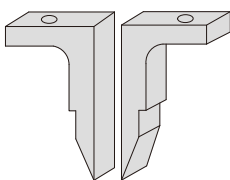
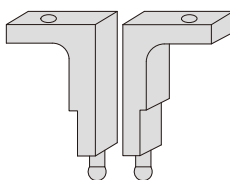
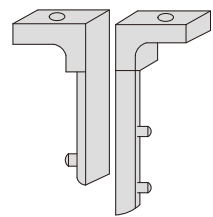
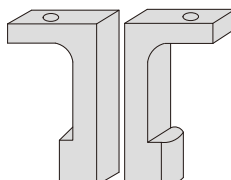
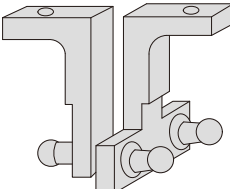
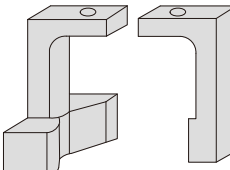
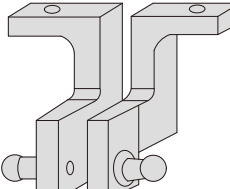
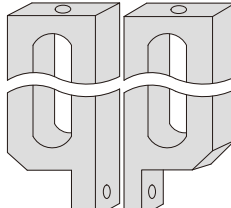
internal diameter measurement application

 <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>