

MEASURING JAWS AND POINTS  
CAN BE CUSTOMIZED

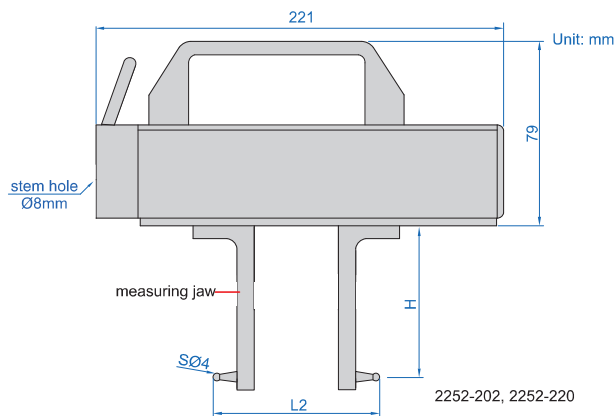
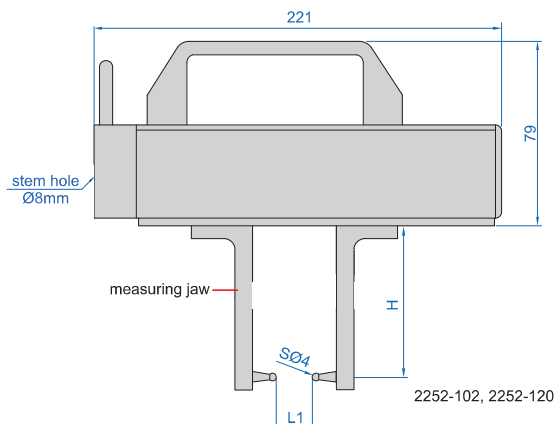
## COMPARISON GAUGES



measure external diameter  
2252-120



measure internal diameter  
2252-220



- Measure external diameter, internal diameter and over-pin diameter of gears
- Movable point stroke: 8mm, effective range of movable point:  $\pm 1$ mm
- Optional accessory: digital indicator (code 2138-10F), gauge block grade 1 (4101-B series)

### Measure external diameter

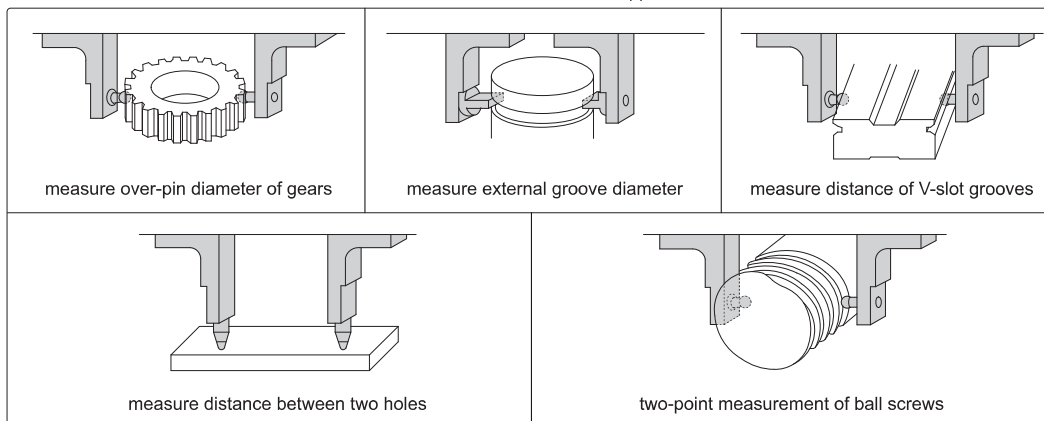
Code	Range of external diameter (L1)	Accuracy*	Repeatability	H
2252-102	0-90mm/0-3.54"	$\pm 5\mu\text{m}$	$2\mu\text{m}$	40mm
2252-120	0-80mm/0-3.15"	$\pm 5\mu\text{m}$	$2\mu\text{m}$	70mm

### Measure internal diameter

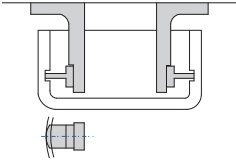
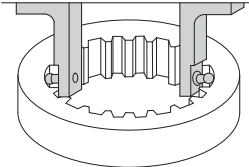
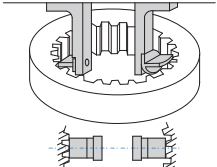
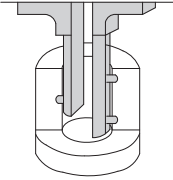
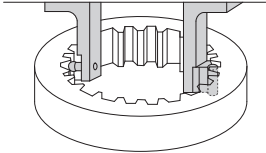
Code	Range of internal diameter (L2)	Accuracy*	Repeatability	H
2252-202	40-145mm/1.58-5.71"	$\pm 5\mu\text{m}$	$2\mu\text{m}$	40mm
2252-220	55-150mm/2.17-5.91"	$\pm 5\mu\text{m}$	$2\mu\text{m}$	70mm

\*Within  $\pm 1$ mm effective range

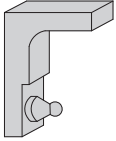
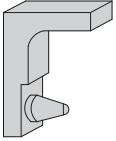
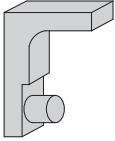
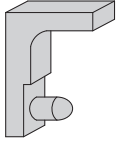
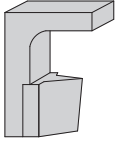
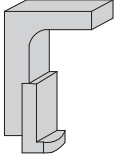
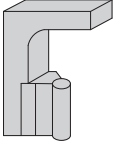
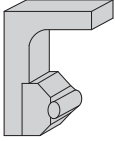
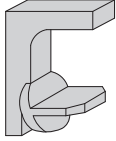
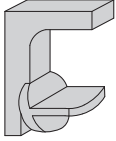
### external diameter measurement application



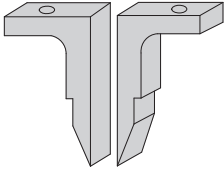
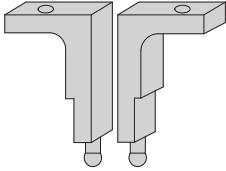
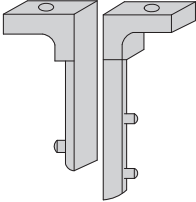
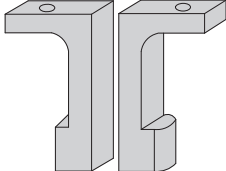
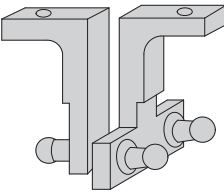
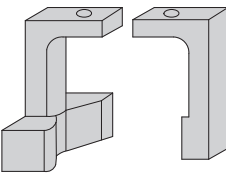
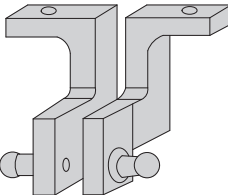
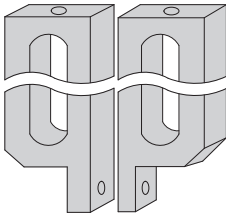
internal diameter measurement application

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

customizable points

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

customizable measuring jaws

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