

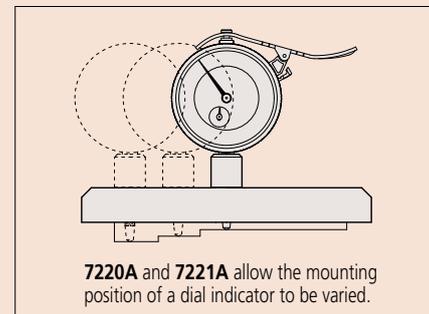
# Depth Gage

## Dial Depth Gage SERIES 7

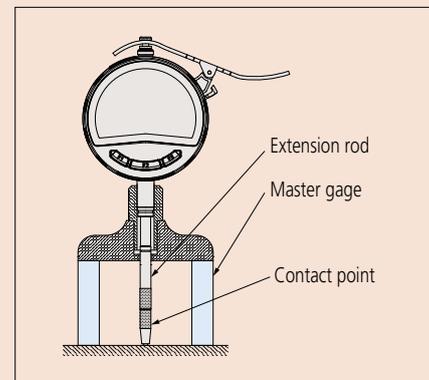
- Optimal for hole, narrow groove and step measurement.



### Typical application



### When using an extension rod



## SPECIFICATIONS

Code No.	Range (mm)	Graduation (mm)	Stroke (mm)	Accuracy (μm)	Measuring force (N)	Base						
						W (mm)	T (mm)	Flatness (μm)	Mounting position of a dial indicator			
7210A	0 - 10	0.01	10	±15	1.4 or less	40	16	5	1			
7211A	0 - 200					30				±30	2.5 or less	63.5
7212A												101.6
7213A												0 - 210
7214A	101.6											
7220A	0 - 200		10	±15	1.4 or less	100	ø16			2		
7221A						150				3		
7222A						0 - 10			5	±15	1.4 or less	ø16
7223A	ø25											
7224A	ø40											
7231A	63.5	16										

Code No.	Contact point*1	Extension rod*2	Indicator*3 (dial indicator)
7210A	Provided with a needle point (137413)	—	2902AB for Depth Gage
7211A	Provided with a carbide-tipped ball point (21JAA224)	5 pcs. (10, 20, 30, 30, 100 mm)	2902AB for Depth Gage
7212A			
7213A	Provided with a carbide-tipped ball point (21JAA225)	3 pcs. (30, 60, 90 mm)	2952AB for Depth Gage
7214A			
7220A	Provided with a carbide-tipped ball point (21JAA224)	5 pcs. (10, 20, 30, 30, 100 mm)	2902AB for Depth Gage
7221A			
7222A	Provided with a needle point (137413)	—	2902AB for Depth Gage
7223A			
7224A			
7231A	Provided with a carbide-tipped ball point (21JAA224: 17 mm)	5 pcs. (10, 20, 30, 30, 100 mm) Interchangeable contact point (21JAA226)	1162A for Depth Gage (Back plunger type)

- \*1 Caution should be exercised when exchanging a contact point of a Depth Gage (Dial/Digimatic Indicator):
- If a different size contact point is mounted, displacement of the contact point from the base contact surface will be changed and as a result, measurement range may not be maintained.
  - A contact point cannot be mounted to a Depth Gage if its diameter is too large for the hole diameter of the base.
  - Parallelism adjustment with the bottom face of the base is required when mounting a flat contact point such as the flat/needle or carbide-tipped contact point.
- \*2 Caution should be exercised when using an extension rod:
- If the total length of the extension rod exceeds 110 mm (4.5 in) use the instrument in a vertical position (contact point downward).
  - Use a master gage (such as gauge blocks) to perform zero-setting when the extension rod is mounted. (Master gage is an optional accessory.)
- \*3 Caution should be exercised when indicators are used on a Depth Gage:
- When the indicator is exchanged and a longer extension rod is connected, the contact-point may deflect significantly with an adverse effect on measuring accuracy.
  - Code No.543-710B/543-712B for Depth Gage has a measuring force less than 1.5 N. (Refer to page 06-19.)