

Depth Gage

Dial Depth Gage SERIES 7

- Optimal for hole, narrow groove and step measurement.



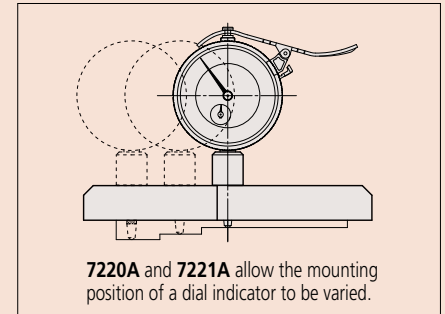
SPECIFICATIONS

Metric									
Order 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	40	16	5	1
7211A	0 - 200					63.5			
7212A						101.6			
7213A						63.5			
7214A	0 - 210		30	±30	2.5	101.6			
7220A	0 - 200		10	±15	1.4	100	18		
7221A						150			
7222A						∅16			
7223A	0 - 10		5	1	∅25				
7224A					∅40				
7231A		0 - 200			63.5	16			

Order 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			2952AB for Depth Gage	
7213A			2902AB for Depth Gage	
7214A	Provided with a carbide-tipped ball point (21JAA225)	3 pcs. (30, 60, 90 mm)	2902AB for Depth Gage	
7220A	Provided with a carbide-tipped ball point (21JAA224)	5 pcs. (10, 20, 30, 30, 100 mm)	2902AB for Depth Gage	
7221A			2902AB for Depth Gage	
7222A	Provided with a needle point (137413)	—	2902AB for Depth Gage	
7223A	Provided with a carbide-tipped ball point (21JAA224: 17 mm)		5 pcs. (10, 20, 30, 30, 100 mm)	1162A for Depth Gage (Back plunger type)
7224A				
7231A	Interchangeable contact point (21JAA226)			

- *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.
 - Order No.543-710B/543-712B for Depth Gage has a measuring force less than 1.5 N. (Refer to page D-79.)

Typical application



When using an extension rod

