

Dial Depth Gage SERIES 7

Note:

*1

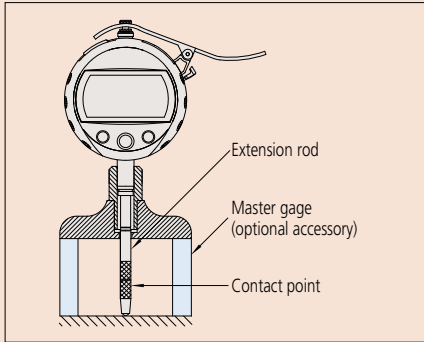
Caution should be exercised when exchanging a contact point of a Depth Gage (Dial/Digimatic Indicator)

- 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 110mm (4.5") 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

Indicators

- Indicators for a Depth Gage is used for the Depth Gage. When the indicator is exchanged and extension rod is connected longer, the contact-point may incline significantly.
- Code No.543-400B / 543-402B for Depth Gage has a measuring force less than 1.5N.

- Optimal for hole, narrow groove and step measurement.



7211



7214



7222

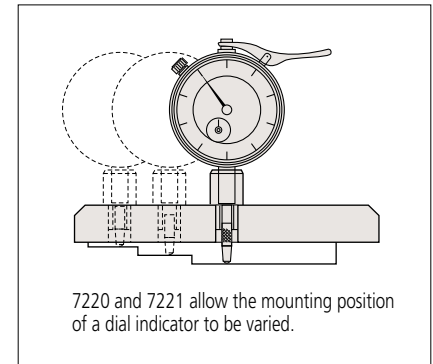


7224



7231

Example of use



7220 and 7221 allow the mounting position of a dial indicator to be varied.

Metric

Order No.	Range	Graduation	Accuracy	Stroke	Measuring force	Base			Mounting position of a dial indicator	Contact point*1	Extension rod*2	Indicator*3 (dial indicator)
						W	T	Flatness				
7210	0 - 10mm	0.01mm	±15µm	10mm	1.4N	40mm	16mm	5µm	1	Provided with a needle point (No.137413)	—	2902SB for Depth Gage
7211	63.5mm					Provided with a carbide-tipped ball point (No.21JAA224)						
7212	101.6mm					Provided with a carbide-tipped ball point (No.21JAA225)						
7213	63.5mm					Provided with a carbide-tipped ball point (No.21JAA225)						
7214	101.6mm		3 pcs. (30, 60, 90mm)	2952SB for Depth Gage								
7220	0 - 200mm		±15µm	30mm	2.5N	100mm	18mm	5µm	2	Provided with a carbide-tipped ball point (No.21JAA224)	5 pcs. (10, 20, 30, 30, 100mm)	2902SB for Depth Gage
7221	150mm					Provided with a needle point (No.137413)						
7222	ø16mm					Provided with a carbide-tipped ball point (No.21JAA224: 17mm) (No.21JAA226: 22mm)						
7223	ø25mm					—						
7224	ø40mm		5 pcs. (10, 20, 30, 30, 100mm)	1162T for Depth Gage (Back plunger type)								
7231	0 - 200mm	5mm			63.5mm	16mm	1	5 pcs. (10, 20, 30, 30, 100mm)				

Inch

Order No.	Range	Graduation	Accuracy	Stroke	Measuring force	Base			Mounting position of a dial indicator	Contact point*1	Extension rod*2	Indicator*3 (dial indicator)
						W	T	Flatness				
7217S	0 - 8"	.001"	±.002"	1"	2.5N	63.5mm	16mm	.0002"	1	Carbide ball point (No.21JZA242)	3 pcs. (1", 2", 4")	2904SB for Depth Gage
7218S						101.6mm				Provided with a carbide-tipped ball point (No.21JZA242: 17.8mm) (No.21JZA243: 22.9mm)		
7237T				63.5mm	4 pcs. (.5", 1", 2", 4")	1168T for Depth Gage (Back plunger type)						
7238T				101.6mm								