

# Dial Indicator Applications

## Thickness Gages SERIES 547, 7

### Standard Type (Graduation: 0.01 mm)

- Integrated moulding of the bezel and crystal ensures protection against water and oil penetration via the front face.



7301A



7321A

## SPECIFICATIONS

### Metric

Code No.	Graduation (mm)	Range (mm)	Measuring depth (mm)	Contact point, Anvil (mm)	Parallelism of Contact point, Anvil (μm)
7327A	0.001	0 - 1	30	∅10 Flat	5
7301A	0.01	0 - 10	30	∅10 Flat	5
7305A	0.01	0 - 20	30	∅10 Flat	5
7321A	0.01	0 - 10	120	∅10 Flat	5
7323A	0.01	0 - 20	120	∅10 Flat	5

Accuracy (μm)	Measuring force (N)	Mass (g)	Remarks
±5	1.5 or less	225	Fine dial reading, ceramic point/anvil
±15	1.4 or less	205	Standard, ceramic point/anvil
±20	2.0 or less	220	Standard, ceramic point/anvil
±15	1.4 or less	370	Deep throat, ceramic point/anvil
±22	2.0 or less	370	Deep throat, ceramic point/anvil

### Inch

Code No.	Graduation (in)	Range (in)	Measuring depth (in)	Contact point, Anvil (in)	Parallelism of Contact point, Anvil (in)
7326A	0.0001	0 - 0.05	1.18	∅0.39 Flat	0.0002
7300A	0.001	0 - 0.5	1.18	∅0.39 Flat	0.0005
7304A	0.001	0 - 1	1.18	∅0.39 Flat	0.0005
7322A	0.001	0 - 1	4.72	∅0.39 Flat	0.0005

Accuracy (in)	Measuring force (N)	Mass (g)	Remarks
±0.0002	2.0 or less	205	Fine dial reading, ceramic point/anvil
±0.001	1.8 or less	205	Standard, ceramic point/anvil
±0.002	1.8 or less	220	Standard, ceramic point/anvil
±0.002	1.8 or less	355	Deep throat, ceramic point/anvil

Note: The dial indicator needs to be reset when a contact point is replaced.

## DIMENSIONS

