

Dial Indicator Applications

Comparison measuring instruments which ensure high quality, high accuracy and reliability.

Thickness Gages SERIES 547, 7

SPECIFICATIONS

Metric					
Order No.	Range	Resolution	Accuracy	Measuring force	Remarks
547-401	0-12 mm	0.001 mm	±3 µm	3.5 N or less	High accuracy, carbide point anvil
547-301	0-10 mm	0.01 mm	±20 µm	1.5 N or less	Standard, ceramic point/anvil
547-321	0-10 mm	0.01 mm	±20 µm	1.5 N or less	Deep throat, ceramic point/anvil
547-313	0-10 mm	0.01 mm	±20 µm	1.5 N or less	Lens thickness
547-315	0-10 mm	0.01 mm	±20 µm	1.5 N or less	Groove depth
547-360	0-10 mm	0.01 mm	±20 µm	1.5 N or less	Tube thickness

Inch/Metric					
Order No.	Range	Resolution	Accuracy	Measuring force	Remarks
547-400S/ —	0-0.47 in	0.00005 in/0.001 mm	±0.0001 in/±3 µm	3.5 N or less	High accuracy, carbide point anvil
— / 547-526S*	0-0.47 in	0.0001 in/0.001 mm	±0.0002 in/±5 µm	1.5 N or less	Standard, ceramic point/anvil
547-300S / 547-500S*	0-0.4 in/0-0.47 in*	0.0005 in/0.01 mm	±0.001 in/±20 µm	1.5 N or less	Standard, ceramic point/anvil
547-320S / 547-520S*	0-0.4 in/0-0.47 in*	0.0005 in/0.01 mm	±0.001 in/±20 µm	1.5 N or less	Deep throat, ceramic point/anvil
547-312S / 547-512S*	0-0.4 in/0-0.47 in*	0.0005 in/0.01 mm	±0.001 in/±20 µm	1.5 N or less	Lens thickness
547-316S / 547-516S*	0-0.4 in/0-0.47 in*	0.0005 in/0.01 mm	±0.001 in/±20 µm	1.5 N or less	Groove depth
547-361S / 547-561S*	0-0.4 in/0-0.47 in*	0.0005 in/0.01 mm	±0.001 in/±20 µm	1.5 N or less	Tube thickness

* using ID-SX Digimatic indicator.

Metric					
Order No.	Range	Graduation	Accuracy	Measuring force	Remarks
7327	0-1 mm	0.001 mm	±5 µm	1.4 N or less	Fine dial reading, ceramic point/anvil
7301	0-10 mm	0.01 mm	±15 µm	1.4 N or less	Standard, ceramic point/anvil
7305	0-20 mm	0.01 mm	±20 µm	2.0 N or less	Standard, ceramic point/anvil
7321	0-10 mm	0.01 mm	±15 µm	1.4 N or less	Deep throat, ceramic point/anvil
7323	0-20 mm	0.01 mm	±22 µm	2.0 N or less	Deep throat, ceramic point/anvil
7313	0-10 mm	0.01 mm	±15 µm	1.4 N or less	Lens thickness
7315	0-10 mm	0.01 mm	±15 µm	1.4 N or less	Groove depth
7360	0-10 mm	0.01 mm	±15 µm	1.4 N or less	Tube thickness
7331S (lightweight type)	0-10 mm	0.01 mm	±20 µm	1.4 N or less	Integrated molded bezel

Inch					
Order No.	Range	Graduation	Accuracy	Measuring force	Remarks
7326S	0-0.05 in	0.0001 in	±0.0002 in	1.4 N or less	Fine dial reading, ceramic point/anvil
7300S	0-0.5 in	0.001 in	±0.001 in	1.4 N or less	Standard, ceramic point/anvil
7304S	0-1 in	0.001 in	±0.002 in	2.0 N or less	Standard, ceramic point/anvil
7322S	0-1 in	0.001 in	±0.002 in	2.0 N or less	Deep throat, ceramic point/anvil
7312S	0-0.5 in	0.001 in	±0.001 in	1.4 N or less	Lens thickness
7316S	0-0.5 in	0.001 in	±0.001 in	1.4 N or less	Groove depth
7361S	0-0.5 in	0.001 in	±0.001 in	1.4 N or less	Tube thickness