

Inch		with inside measurement Vernier scale			
Code No.	Range (in)* <sup>1</sup>	Minimum reading (in)	Maximum permissible error (in)* <sup>2</sup>		Remarks
			<i>E</i> <sub>MPE</sub>	<i>S</i> <sub>MPE</sub>	
160-124	0 (0.304) - 12	0.001	±0.0015	±0.0015	—
160-116	0 (0.504) - 18		±0.002	±0.002	
160-102	0 (0.504) - 24				
160-105	0 (1.004) - 40		±0.003	±0.003	

\*1 ( ): Minimum dimension in ID measurement

\*2 The Partial Surface Contact Error (*E*<sub>MPE</sub>) and Shift Error (*S*<sub>MPE</sub>) are terms defined by ISO 13385-1:2019.

Inch / Metric		with inch/metric double scale			
Code No.	Range* <sup>1</sup>	Minimum reading	Maximum permissible error* <sup>2</sup>		Remarks
			<i>E</i> <sub>MPE</sub>	<i>S</i> <sub>MPE</sub>	
160-125	0 - 12 in/0 - 300 mm (0.304 - 12 in/7.72 - 300 mm)	0.001 in/ 0.02 mm	±0.0015 in/ ±0.04 mm	±0.0015 in/ ±0.04 mm	+0.3 in/7.62 mm to reading in inside measurement
160-119	0 - 18 in/0 - 450 mm (0.504 - 18 in/12.8 - 450 mm)		±0.002 in/ ±0.05 mm	±0.002 in/ ±0.05 mm	+0.5 in/12.7 mm to reading in inside measurement
160-103	0 - 24 in/0 - 600 mm (0.504 - 24 in/12.8 - 600 mm)		±0.003 in/ ±0.07 mm	±0.003 in/ ±0.07 mm	+1 in/25.4 mm to reading in inside measurement
160-106	0 - 40 in/0 - 1000 mm (1.004 - 40 in/25.5 - 1000 mm)				

\*1 ( ): Minimum dimension in ID measurement

\*2 The Partial Surface Contact Error (*E*<sub>MPE</sub>) and Shift Error (*S*<sub>MPE</sub>) are terms defined by ISO 13385-1:2019.

## DIMENSIONS

