



High Precision Square SERIES 311

- The High-Precision Square gage is used for inspecting the travel straightness and axial perpendicularity of moving elements on equipment, such as machine tools and CMMs.
- Four precision-lapped reference surfaces, finished using ultra-precision technology built on our experience in gauge blocks.
- Better than 1 μm /300 mm straightness and perpendicularity of each (four) reference surface. In addition, front and back faces are accurate to better than 5 μm /300 mm.
- Three nominal sizes are available (90x110, 160x210 and 260x310 mm) so that you can select the size that best suits the application.



311-113

SPECIFICATIONS

Metric						
Code No.	Dimension (WxLxT) (mm)	Perpendicularity tolerance (μm)		Straightness tolerance (μm)		Mass (kg)
		Reference surface	Front/back faces	Reference surface	Front/back faces	
311-111	90x110x25					1.5
311-112	160x210x25	1	5	1	5	5.0
311-113*	260x310x30					14.0

• Dedicated wooden case is provided.

* Supplied with a removable handle.