



An inspection certificate is supplied as standard.
Refer to page X for details.

Technical Data

Reference surface
Perpendicularity tolerance: 1µm
Straightness tolerance: 1µm
Front/back faces
Perpendicularity tolerance: 5µm
Straightness tolerance: 5µm
Dedicated wooden case is provided.

High Precision Square SERIES 311

- The High Precision Square is a gage used for inspecting the travel straightness and axial perpendicularity of moving elements on equipment such as machine tools, CMMs, form measuring machines and semiconductor-related equipment.
- Four precision-lapped reference surfaces are provided.
- Better than 1µm/300mm straightness and perpendicularity of each (four) reference surface. In addition, front and back faces are accurate to better than 5µm/300mm.



311-111



311-112



311-113

SPECIFICATIONS

Metric		
Order No.	Dimension (W x L x T)	Mass
311-111	90 x 110 x 25mm	1.5kg
311-112	160 x 210 x 25mm	5.0kg
311-113	260 x 310 x 30mm	14.0kg

* 311-113 is supplied with a removable handle.

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