

Calibration set for knife-edge squares

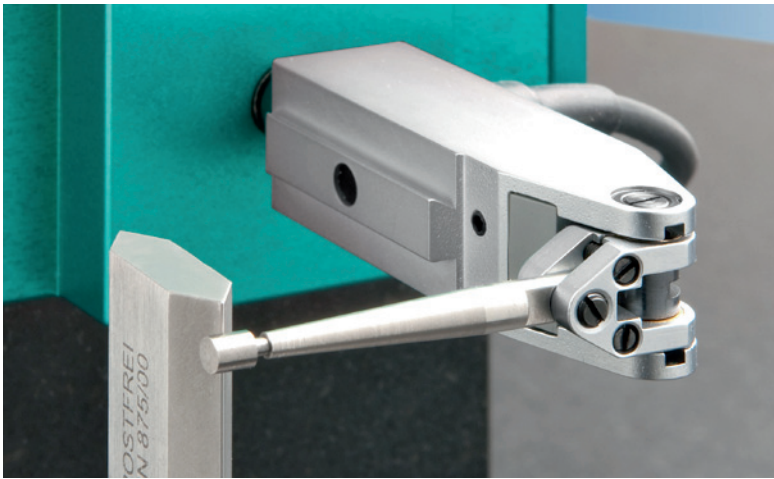


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New method for the calibration of knife-edge squares

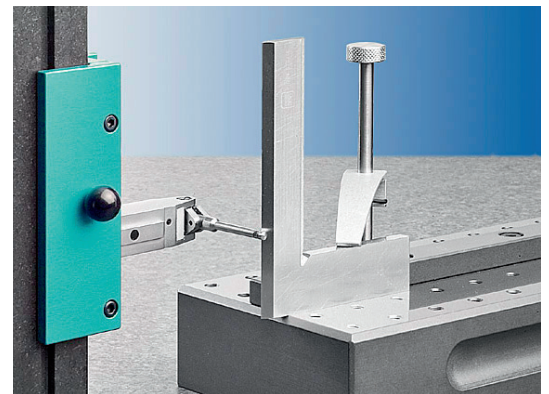
■ The calibration of knife-edge squares used to be a problem until now for most operators, as the implementation usually was work intensive and more complex than expected. The difficulty hereby was to manage to carry out the measurement of the inner as well as outer leg speedily, without having to change over the measuring layout. In addition the standard probes with a ballpoint made it impossible to accurately touch the knife-edge.



■ Kunz precision presents herewith a simple but unique solution. Hereby the new developed lever gauge TK GT 31-0.1 is employed. The measuring probe shows a cylindrical touching surface with two markings in between which the test piece is being probed. In this way, the inner and outer leg of the test piece can be measured quickly and straightforward.



■ To optimally fix the knife-edge square for measurement, it is fastened on the universal and precise ground plate SQUARE-base with a clamping bracket. In order to ensure a consistent sideways position it is additionally recommended to use the vacuum injected alignment aid SQUARE-tool. The required vacuum connection for this tool is already integrated in the squareness measurement devices from Kunz precision. For the concise recording of the measured data optionally the user friendly and practice-orientated PC-analysis programme STRAIGHT-soft for straightness- and squareness measurements is available.



Configuration

Lever gauge TK GT 31-0.1
for knife-edge squares (Article 90.131)

SQUARE-base
for the calibration of knife-edge squares.
Set containing ground plate, stop-bar and mounting bracket. (Article 30.541)

SQUARE-tool
Vacuum angle alignment auxiliary,
L 300 / W 200 mm (Article 30.536)

Air-processing unit SA 50
Separate, single air-processing unit incl. 3 m
air-hose (Article 30.151)

STRAIGHT-soft V2
Software programme for Windows 98,
2000, NT and XP for the fast measuring of
straightness, parallelism and squareness.
(Article 80.002)

Technical modifications are subject to change