



## Squareness measurement set TESA TESA MICRO-SQUARE

The TESA MICRO-SQUARE is the ultimate perpendicularity measuring instrument for professionals looking for the highest precision.

The slide is mounted on a high-precision guideway and ensures a movement guaranteeing a **measurement repeatability of 0,5 µm**.

This mechanism combined with the **GT 31** inductive probe and the TWIN-T10 display unit allows the result to be displayed quickly.

It is therefore the ideal complement to our famous height gauges for the most precise controls.

### Main features:

- High precision (1,5 µm for 350 version)
- Quick measurement
- Usable in the workshop
- Simple handling
- SCS certificate included

### Models

<b>Measuring range</b>	360 mm	610 mm
<b>Set part number</b>	05330400	05330401
<b>Set composition</b>	Set column + TESA slide MICRO-SQUARE 350, <b>05310400*</b>	Set column + slide TESA MICRO-SQUARE 600, <b>05310401*</b>
	TESA inductive lever test indicators TESA GT 31 with Ø 2 mm measuring insert, <b>03210802*</b>	
	Portable probe display unit TESA TWIN-T10, <b>04430013*</b>	
	Allen key 1,5 mm	
	User manual	
	SCS calibration certificate	

\* Can be ordered separately

# Technical specifications

Models	TESA MICRO-SQUARE 350	TESA MICRO-SQUARE 600
Application range [mm]	360	610
Perpendicularity frontal [ $\mu\text{m}$ ]*	1,5	2,4
Repeatability [ $\mu\text{m}$ ]*	0,5	0,5
Dimensions [mm]**		
Height	447	697
Width	140	140
Depth	167	167
Weight [kg]**	5,8	7,7

\* Measuring application with GT21 probe and TESATRONIC at 20°C

\*\* Specifications without accessories

## Accessories

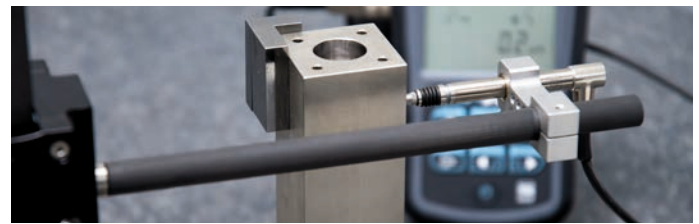


05360030

The support square control allows calibration of flat and knife-edge squares without moving the measuring part from its fixture.

The inner and outer leg of the test piece can be measured quickly and directly.

The ground plate includes a stop-bar and a mounting bracket to keep the measuring part in position.



05360008

The probe holder provides the ability to conveniently measure hard to reach inner surfaces.



03260510

The cylindrical insert for inductive lever test indicators TESA GT 31 has a cylindrical probing surface for linear contact.

It allows for example to measure a knife-edge square with the help of a higher probing surface than ball inserts.

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## About Hexagon and TESA

Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

TESA Technology, part of Hexagon's Manufacturing Intelligence division, is a leading innovator and manufacturer of precision measuring instruments, long-established in Switzerland. Learn more at [tesatechnology.com](http://tesatechnology.com).

Hexagon's Manufacturing Intelligence division provides solutions that utilize data from design and engineering, production and metrology to make manufacturing smarter.

Learn more about Hexagon (Nasdaq Stockholm: HEXA B) at [hexagon.com](http://hexagon.com) and follow us @HexagonAB.