HEXAGON | TESA TECHNOLOGY

TESA HITS 2020 2

Version EN–EUR

Best prices valid until 31.12.2020

Improve your production with our high quality measuring instruments!

Prices exclude VAT

TESAtechnology.com

TESA height gauges

Easy-to-use height gauges designed for fast and reliable 1D and 2D measurement

00730084

00730074

TESA TLC-BLE COMPATIBLE

More info on page 4

SWISS ACCREDITATION sas.admin.ch SCS 0001

SCS certificate included

4 YEARS WARRANTY

After registration (MICRO-HITE only)

	Part number	Designation	Maximum permissible error* [µm]	Repeatability limit [µm]	Air cushion	List price [€]	Promo price [€]
manual	00730082	TESA-HITE MAGNA 400	8	Flat: ≤ 3; arc: ≤ 5	–	3040	**2495**
manual	00730083	TESA-HITE MAGNA 700	8	Flat: ≤ 3; arc: ≤ 5	–	3605	**2955**
manual	00730084	TESA-HITE 400	2,5 + 4 L/1000	Flat: ≤ 2; arc: ≤ 3	✓	4360	**3575**
manual	00730085	TESA-HITE 700	2,5 + 4 L/1000	Flat: ≤ 2; arc: ≤ 3	✓	5060	**4150**
manual	00730073	MICRO-HITE 350	2 + 2 L/1000	Flat: ≤ 1; arc: ≤ 1	✓	5960	**5365**
manual	00730074	MICRO-HITE 600	2 + 2 L/1000	Flat: ≤ 1; arc: ≤ 1	✓	6420	**5780**
manual	00730075	MICRO-HITE 900	2 + 2 L/1000	Flat: ≤ 1; arc: ≤ 1	✓	9470	**8525**
manual	00730076	MICRO-HITE 350F**	2 + 2 L/1000	Flat: ≤ 1; arc: ≤ 1	✓	6480	**5830**
manual	00730077	MICRO-HITE 600F**	2 + 2 L/1000	Flat: ≤ 1; arc: ≤ 1	✓	6940	**6245**
manual	00730078	MICRO-HITE 900F**	2 + 2 L/1000	Flat: ≤ 1; arc: ≤ 1	✓	9990	**8990**
mortorized	00730079	MICRO-HITE+M 350	1,8 + 2 L/1000	Flat: ≤ 0,5; arc: ≤ 1	✓	5960	**5365**
mortorized	00730080	MICRO-HITE+M 600	1,8 + 2 L/1000	Flat: ≤ 0,5; arc: ≤ 1	✓	6420	**5780**
mortorized	00730081	MICRO-HITE+M 900	1,8 + 2 L/1000	Flat: ≤ 0,5; arc: ≤ 1	✓	9470	**8525**

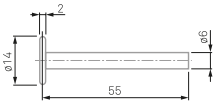
*L in mm
**with fine adjustment

Feature comparison

TESA-HITE MAGNA	400 700	Workshop	●			1D	TLC			SCS	
TESA-HITE	400 700	Workshop	●		●	1D	TLC	●		SCS	
MICRO-HITE	350 600 900	Workshop Laboratory	●		●	1D 2D	TLC USB Printer (option)	●	●	SCS	●
MICRO-HITE+M	350 600 900	Workshop Laboratory		●	●	1D 2D	TLC USB Printer (option)	●	●	SCS	●

TESA height gauge accessories

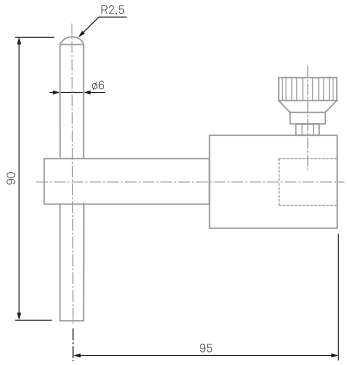
Get the best of your height gauges



00760075

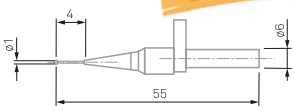
496€

00760232



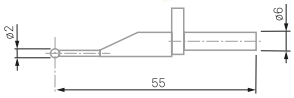
00760094

154€



00760228

154€



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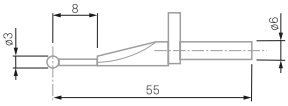

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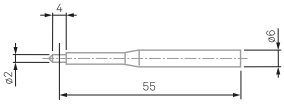
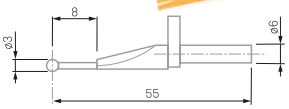


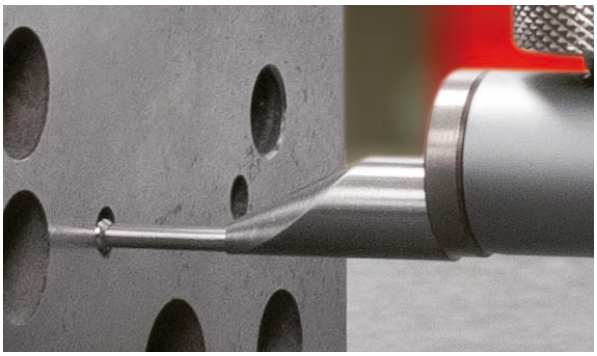
00760082

154€



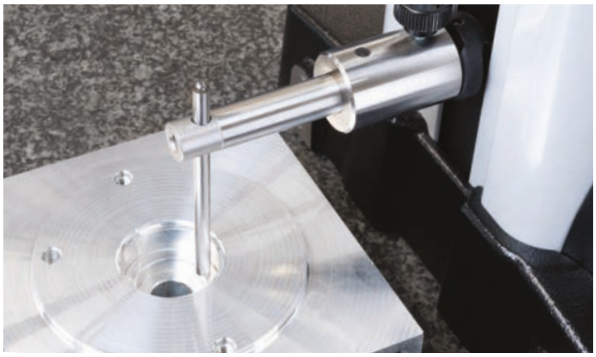
00760230

Part number	Designation	Diameter [mm]	List price [€]	Promo price [€]
00760228	Ø 1 mm, shank and ball tip in hard metal	1	188	**154**
00760229	Ø 2 mm, shank and ball tip in hard metal	2	188	**154**
00760230	Ø 3 mm, shank and ball tip in hard metal	3	188	**154**
00760232	Starter kit, 4 elements	-	605	**496**



00760061

00760075



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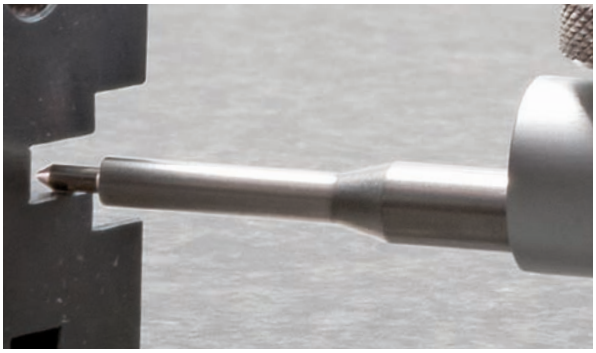
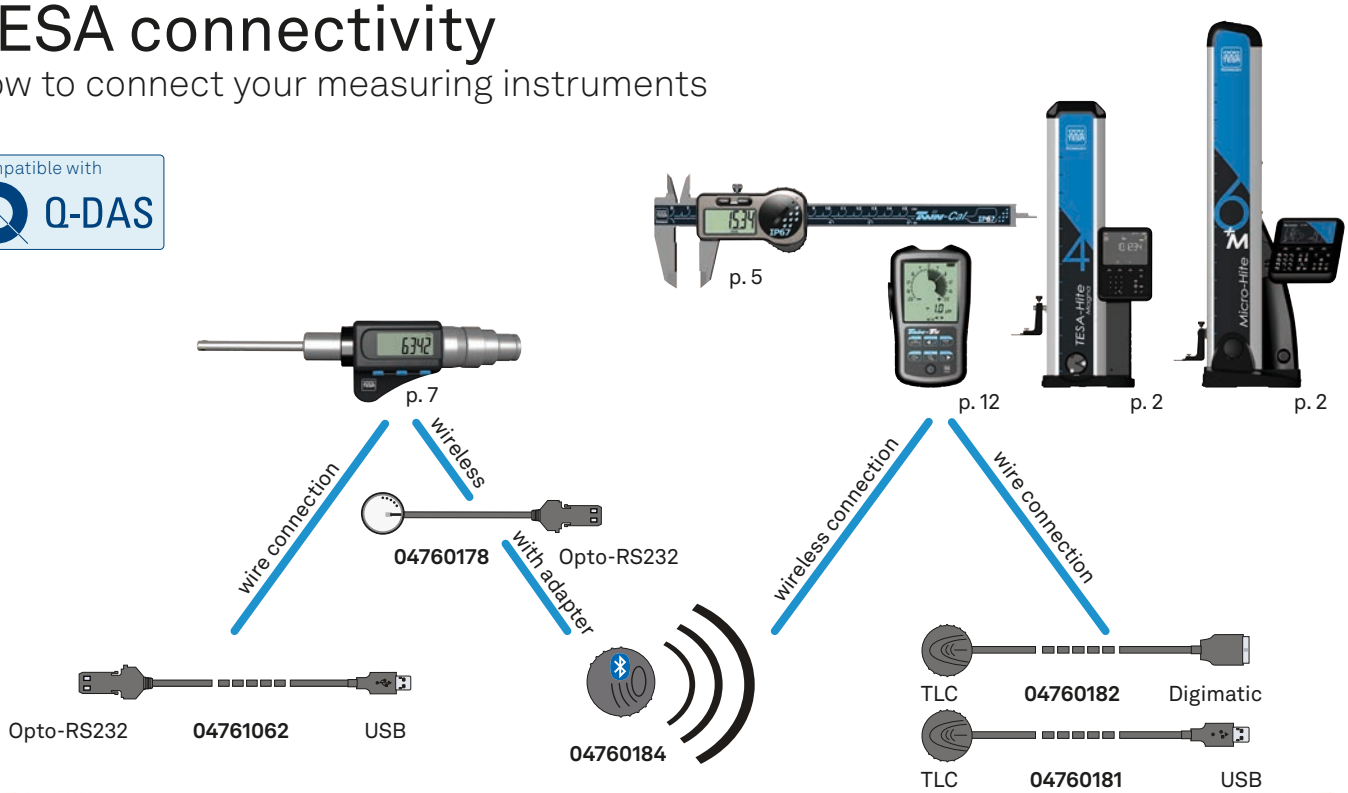


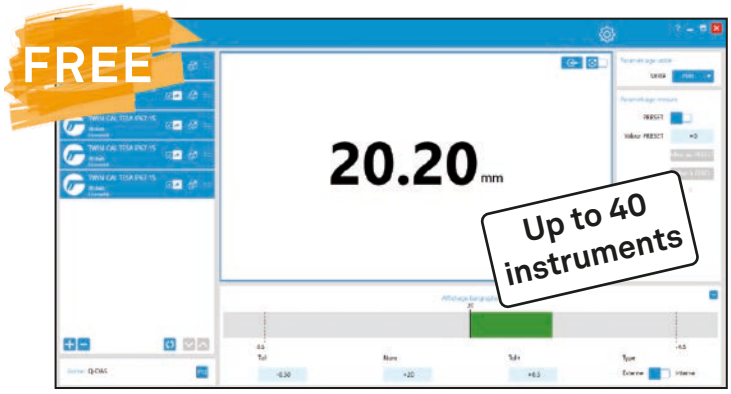
00760082

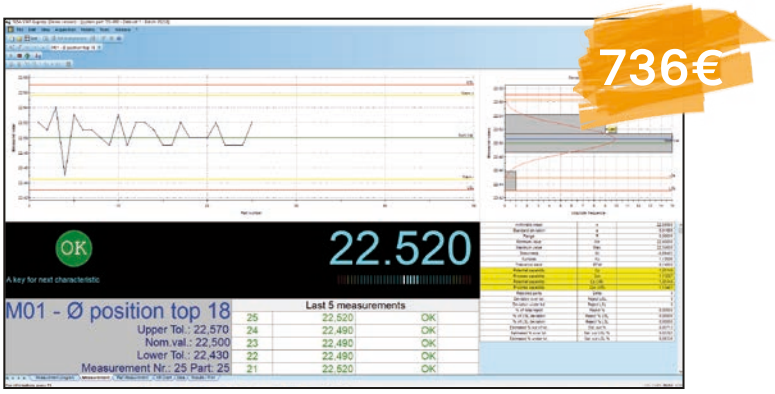
TESA connectivity

How to connect your measuring instruments

Compatible with Q-DAS







04981002

TESA DATA-VIEWER allows a quick and easy handling in order to export the results to a data processing program or to automatically create files in known formats such as *.xls, *.csv or *.txt.
TESA DATA-VIEWER is downloadable free of charge from the TESA website[1].
https://go.hexagonmi.com/DATA-VIEWERsoftware

[1] TESA instrument drivers included
Software requirements: Windows 7 / 8.1 / 10, 32 & 64-bit processor
Hardware requirements: Intel i5 or equivalent, 4 GB RAM, 100 MB HDD

The Statistical Process Control software TESA STAT-EXPRESS software is a simple way to develop measurement programs from which it is possible to calculate in real time all the important statistical characteristics. Quick to learn, it manages also automatically the measuring reports.

Part number	Designation	List price [€]	Promo price [€]
04760183	Starter kit TLC-BLE**: Bluetooth® emitter + USB dongle* receiver + 1,5 m extension cable	74	-
04760184	TESA TLC-BLE** Emitter	43	-
04760185	USB dongle* receiver + 1,5 m extension cable	31	-
04760178	Cable adapter Opto-TLC	98	-
04760182	TESA TLC-DIGIMATIC cable	182	**146**
04760181	TESA TLC-USB cable	96	**77**
04761062	USB-Opto-RS232 cable	233	**186**
04981002	TESA STAT-EXPRESS software	920	**736**
	TESA DATA-VIEWER	-	**FREE**

*One single USB dongle can be used to connect up to 8 instruments. It's not needed with Windows 10 (Release ≥1703, Creators Update) and integrated Bluetooth® 4.0 hardware on computer
**This product is only available in countries where it is officially certified. Visit our website to know the list of countries in which the TESA TLC-BLE wireless Bluetooth® emitter is available.

04760183

TESA TWIN-CAL IP67 & TESA TWIN-CAL

TESA TLC-BLE COMPATIBLE

More info on page 4

00530319

00530320

00530094

00530319P

00530320P

THINK BIG!

Buy "3" TWIN-CAL IP67 and save 9€/caliper

Part number	Designation	Measuring range [mm]	Thumb roller	Depth rod	Data transmission	List price [€]	**Promo price [€]**
00530319	TWIN-CAL *IP67*	150	–	■	✓	166	**136**
00530320	TWIN-CAL *IP67*	150	–	●	✓	166	**136**
00530321	TWIN-CAL *IP67*	150	✓	●	✓	166	**136**
00530322	TWIN-CAL *IP67*	200	✓	■	✓	231	**189**
00530323	TWIN-CAL *IP67*	300	✓	■	✓	298	**244**
00530319P	TRIO-PACK TWIN-CAL *IP67*	150	–	■	✓	476	**381**
00530320P	TRIO-PACK TWIN-CAL *IP67*	150	–	●	✓	476	**381**
00530094	TWIN-CAL	150	✓	●	✓	111	**89**
00530095	TWIN-CAL	200	✓	■	✓	168	**134**
00530096	TWIN-CAL	300	✓	■	✓	224	**179**
00530097	TWIN-CAL	150	–	■	✓	111	**89**

THINK CONNECTED!

Your connected solution for only 132€

89€ + 43€ = 132€

00530094 04760184

TESA-CAL IP67

IP67: the highest protection at the best price

THINK BIG!

Buy "3" TESA-CAL IP67
and save 5€/caliper

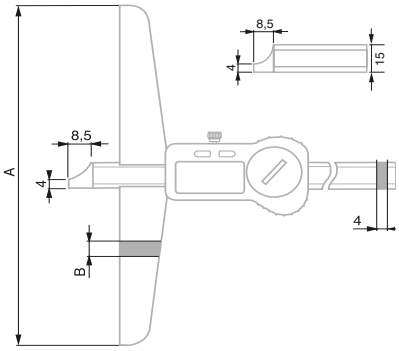
Part number	Designation	Measuring range [mm]	Thumb roller	Data transmission	Depth rod	List price [€]	**Promo price [€]**
00530140	TESA-CAL *IP67*	150	–	–	■	99	**81**
00530141	TESA-CAL *IP67*	150	–	–	●	99	**81**
00530142	TESA-CAL *IP67*	200	✓	–	■	148	**121**
00530143	TESA-CAL *IP67*	300	✓	–	■	199	**163**
00530140P	TRIO-PACK TESA-CAL *IP67*	150	–	–	■	285	**228**
00530141P	TRIO-PACK TESA-CAL *IP67*	150	–	–	●	285	**228**

TESA TWIN-CAL IP67

Depth models with short cut measuring face

TESA TLC-BLE COMPATIBLE

More info on page 4



Part number	Designation	Measuring range [mm]	A [mm]	B [mm]	List price [€]	**Promo price [€]**
00530441	TWIN-CAL *IP67*	200	100	8	434	**356**
00530443	TWIN-CAL *IP67*	300	150	8	479	**393**
00530444	TWIN-CAL *IP67*	500	150	8	592	**485**

TESA IMICRO digital & DUO-SET

TESA TLC-BLE COMPATIBLE

More info on page 4

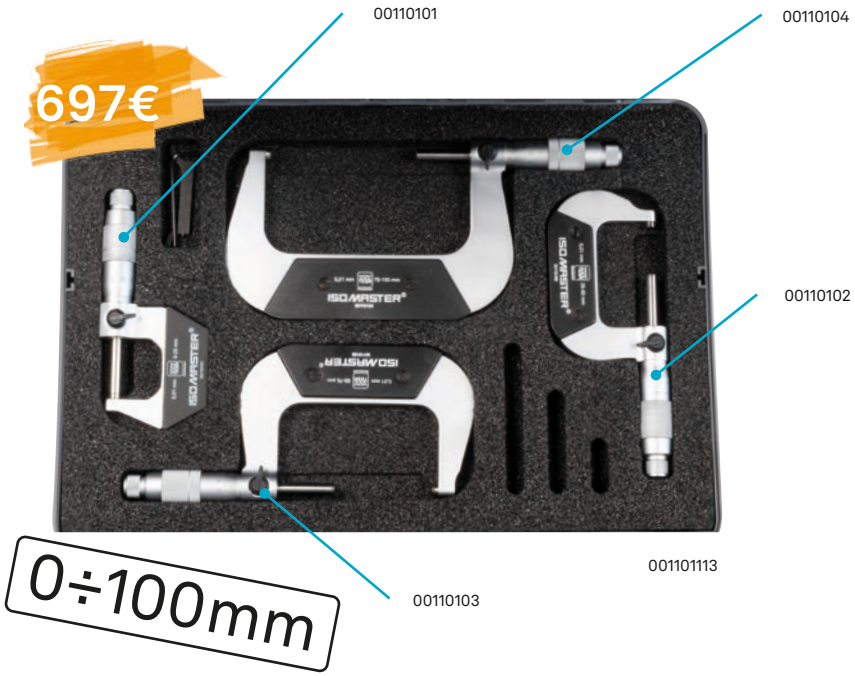
Setting ring included

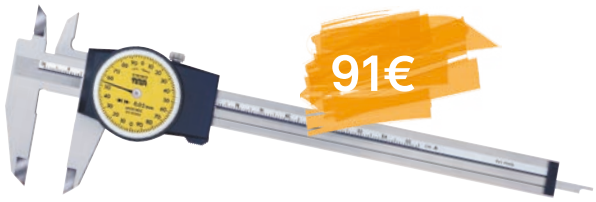
06130237

06130114

Part number	Designation	Measuring range [mm]	Resolution [mm]	Maximum permissible error [µm]	Repeatability limit [µm]	List price [€]	Promo price [€]
06130101	TESA IMICRO digital	3,5 ÷ 4	0,001	4	4	1353	**1080**
06130102	TESA IMICRO digital	4 ÷ 4,5	0,001	4	4	1353	**1080**
06130103	TESA IMICRO digital	4,5 ÷ 5,5	0,001	4	4	1353	**1080**
06130104	TESA IMICRO digital	5,5 ÷ 6,5	0,001	4	4	1353	**1080**
06130105	TESA IMICRO digital	6 ÷ 8	0,001	4	4	1083	**865**
06130106	TESA IMICRO digital	8 ÷ 10	0,001	4	4	1090	**870**
06130107	TESA IMICRO digital	10 ÷ 12	0,001	4	4	1100	**880**
06130108	TESA IMICRO digital	11 ÷ 14	0,001	4	4	1106	**885**
06130109	TESA IMICRO digital	14 ÷ 17	0,001	4	4	1112	**890**
06130110	TESA IMICRO digital	17 ÷ 20	0,001	4	4	1118	**895**
06130111	TESA IMICRO digital	20 ÷ 25	0,001	4	4	1124	**900**
06130112	TESA IMICRO digital	25 ÷ 30	0,001	4	4	1136	**910**
06130113	TESA IMICRO digital	30 ÷ 35	0,001	4	4	1154	**925**
06130114	TESA IMICRO digital	35 ÷ 40	0,001	4	4	1165	**930**
06130115	TESA IMICRO digital	40 ÷ 50	0,001	4	4	1207	**965**
06130237	TESA IMICRO digital DUO-SET 6 ÷ 10 mm	6 ÷ 8 8 ÷ 10	0,001	4	4	2182	**1745**
06130238	TESA IMICRO digital DUO-SET 8 ÷ 12 mm	8 ÷ 10 10 ÷ 12	0,001	4	4	2210	**1770**
06130239	TESA IMICRO digital DUO-SET 10 ÷ 14 mm	10 ÷ 12 11 ÷ 14	0,001	4	4	2231	**1785**

TESA classic series





Part number	Designation	Measuring range [mm]	Resolution [mm]	List price [€]	**Promo price [€]**
00110101	ISOMASTER vernier external micrometer	0 ÷ 25	0,01	172	**119**
00110102	ISOMASTER vernier external micrometer	25 ÷ 50	0,01	253	**177**
00110103	ISOMASTER vernier external micrometer	50 ÷ 75	0,01	268	**188**
00110104	ISOMASTER vernier external micrometer	75 ÷ 100	0,01	308	**216**
00110113	ISOMASTER vernier external micrometer set	0 ÷ 100	0,01	995	**697**
00160201	Micrometer stand			119	**95**
00510004	Dial caliper	0 ÷ 150	0,02	114	**91**
00510050	Dial caliper	0 ÷ 150	0,01	138	**109**
00510070	Universal vernier caliper	0 ÷ 150	0,02	29	**23**
00510073	Universal vernier caliper	0 ÷ 150	0,05	29	**23**
00510233	Depth vernier caliper	0 ÷ 150	0,02	75	**59**
00510234	Depth vernier caliper	0 ÷ 150	0,05	75	**59**
00510243	Depth vernier caliper	0 ÷ 200	0,02	85	**68**
00510244	Depth vernier caliper	0 ÷ 200	0,05	85	**68**
00510253	Depth vernier caliper	0 ÷ 300	0,02	95	**76**
00510254	Depth vernier caliper	0 ÷ 300	0,05	95	**76**

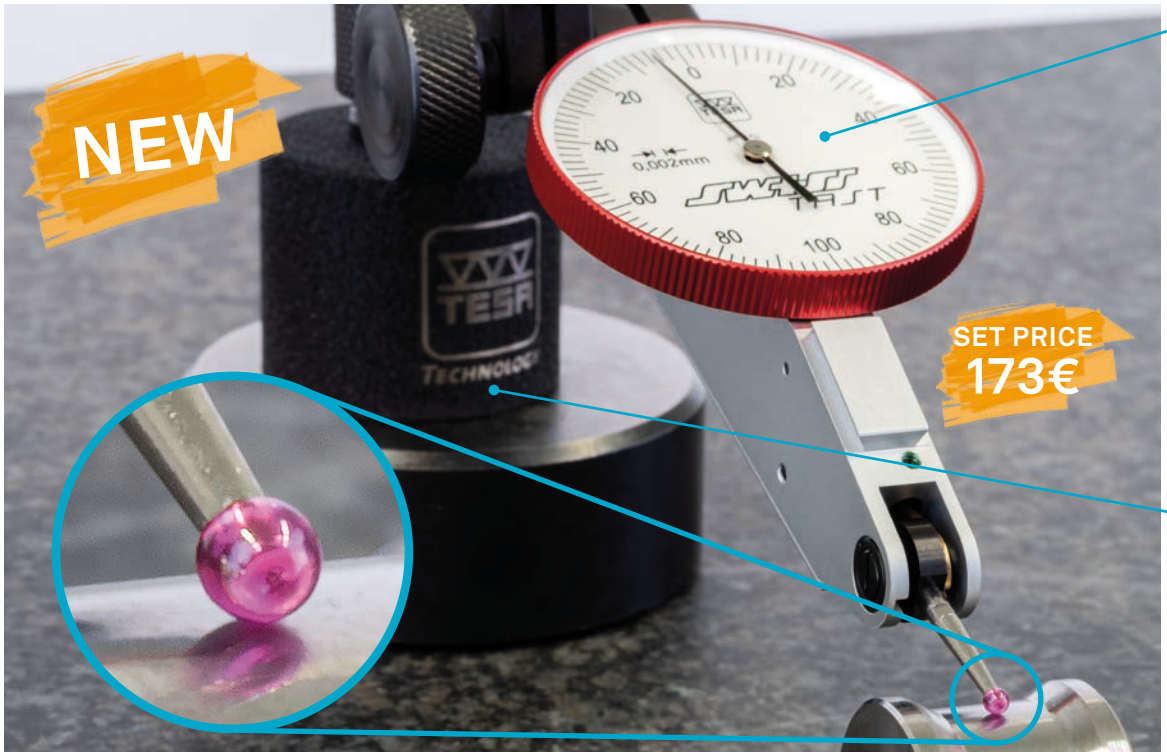
TESA SWISSTAST & Mini-Set

Part number	Designation	Measuring range [mm]	Scale interval [mm]	Dial Ø [mm]	List price [€]	Promo price [€]
01811000	TESA SWISSTAST	0,8	0,01	28	134	**109**
01811001	TESA SWISSTAST	0,2	0,002	38	169	**139**

Part number	Designation	List price [€]	Promo price [€]
01639056	TESA SWISSTAST Mini-Set: Magnetic support 01639010 + SWISSTAST 01811001	218	**173**

01811000

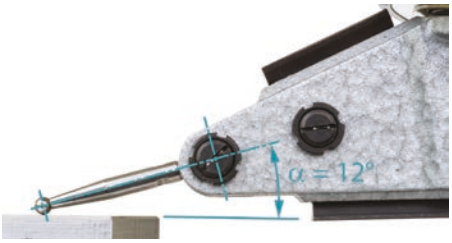
01811001



01639010

TESA INTERAPID 312

Part number	Measuring range [mm]	Scale interval [mm]	Dial Ø [mm]	List price [€]	Promo price [€]
074111366	1,6	0,01	37,5	241	**198**
074111367	1,6	0,01	30	240	**197**
074111368	0,4	0,002	37,5	293	**240**
074111369	0,4	0,002	30	292	**239**



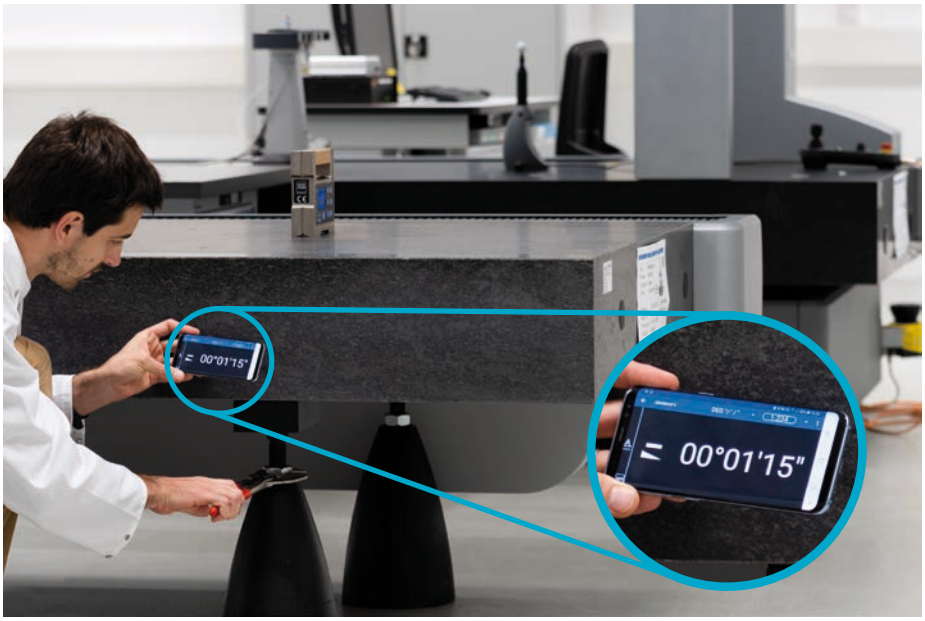
Stylus insert with angular position of 12°

All TESA INTERAPID 312 models are designed to give a true reading when the angle between the stylus and the workpiece surface is 12° (see illustration).

074111366

05330210

Cast iron model, rust protected



±60°

TESA CLINOBEVEL 3 INCLINOMETER

Robust and easy to use, the TESA CLINOBEVEL 3 is a top of the range portable precision inclinometer, it's available in aluminium or cast iron

Part number	Designation	Measuring range [deg]	Weight [kg]	List price [€]	**Promo price [€]**
05330210	TESA CLINOBEVEL 3 60 DEG IRON	± 60°	3,45	3796	**3415**
05330211	TESA CLINOBEVEL 3 60 DEG ALU	± 60°	1,5	3796	**3415**

05330211

Aluminium model, black anodised

TESA CLINOBEVEL 1 USB

Portable and compact instrument to measure horizontal and vertical inclination up to ± 45°. Light, manageable and battery operated it can be used directly on the piece to be measured

±45°

FROM 1365€

05330204

Part number	Designation	Measuring range [deg]	List price [€]	Promo price [€]
05330203	CLINOBEVEL1 USB SET (with CLINOSOFT software and USB cable)	± 45°	1683	**1515**
05330204	CLINOBEVEL1 USB NEW	± 45°	1515	**1365**

2µm
stylus tip radius

TESA RUGOSURF 20

The roughness tester with 15 of the most used roughness parameters

Part number	Designation	List price [€]	Promo price [€]
06930013	TESA RUGOSURF 20	1752	**1499**
Free download Data Connection tool			**0**

1499€

06930013

Free download Data Connection tool

http://go.HexagonMI.com/DataConnectionTool

TESA µ-FINDER SET 31

The mobile high precision set for quality control and service in the practical transport case

03210802

04430013P1

04430013

01639007

Part number	Designation	List price [€]	Promo price [€]
04430013P1	TESA µ-Finder Set 31	2091	**1695**
Contains:			
04430013	TESA TWIN-T10 display unit	1260	**995**
03210802	GT31 lever probe	791	**649**
01639007	Magnetic support TESA INTERAPID UJ15	145	**119**

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