

BEST DEALS

2019, 3RD EDITION

HexagonMI.com | TESAtotechnology.com

Version EN-US



TESA / Brown & Sharpe
Great deals on quality, high-accuracy measuring tools

Prices exclude VAT

Valid until
12/31/2019

HIGH PRECISION: ALL-ROUNDER



SCS certificate included



NEW

For workshops



1D measurement



Manual displacements



400mm – 700mm



TLC



Included SCS certificate



Starting at
\$3,110



00730084



TESA-HITE RANGE

Order Number	EDP Number	Description	Maximum Permissible Errors (µm)*	Repeatability Limit (µm)	Air Cushion	Reg. Price	Promo Price
00730082	76843	TH MAGNA 400	8	Flat: ≤ 3, bore: ≤ 5	–	\$3,450	\$3,110
00730083	76844	TH MAGNA 700	8	Flat: ≤ 3, bore: ≤ 5	–	\$4,050	\$3,650
00730084	76845	TH 400	2.5 + 4 L/1000	Flat: ≤ 2, bore: ≤ 3	✓	\$4,950	\$4,460
00730085	76846	TH 700	2.5 + 4 L/1000	Flat: ≤ 2, bore: ≤ 3	✓	\$5,650	\$5,090

* L in mm



For workshops and laboratories



1D & 2D measurement



Manual or motorized displacements



350mm – 600mm – 900mm



TLC, USB, printer, pdf



Included SCS certificate



SCS certificate included



After registration



Starting at
\$7,650*



QUICKCENTER
technology






Flexible support

00730074



MICRO-HITE RANGE

	Order Number	EDP Number	Description	Maximum Permissible Errors (µm)*	Repeatability Limit (µm)	Fine Adjustment	Reg. Price	Promo Price
	00730073	76639	MH 350	2+2L/1000	Flat: ≤ 1, bore: ≤ 1	–	\$8,500	\$7,650
	00730074	76640	MH 600	2+2L/1000	Flat: ≤ 1, bore: ≤ 1	–	\$9,000	\$8,100
	00730075	76641	MH 900	2+2L/1000	Flat: ≤ 1, bore: ≤ 1	–	\$11,500	\$10,350
	00730076	76620	MH 350F	2+2L/1000	Flat: ≤ 1, bore: ≤ 1	✓	\$8,900	\$8,010
	00730077	76621	MH 600F	2+2L/1000	Flat: ≤ 1, bore: ≤ 1	✓	\$9,500	\$8,550
	00730078	76623	MH 900F	2+2L/1000	Flat: ≤ 1, bore: ≤ 1	✓	\$11,900	\$10,710
	00730079	76624	MH +M 350	1.8+2L/1000	Flat: ≤ 0.5, bore: ≤ 1	–	\$8,900	\$8,010
	00730080	76625	MH +M 600	1.8+2L/1000	Flat: ≤ 0.5, bore: ≤ 1	–	\$9,500	\$8,550
	00730081	76626	MH +M 900	1.8+2L/1000	Flat: ≤ 0.5, bore: ≤ 1	–	\$11,900	\$10,710

* L in mm

SEARCHING THE μm

TESA μ -HITE

The ultra compact turnkey solution for the product line

Need a "turnkey solution"?

With its application range of 100 mm, this measuring station for workshops and laboratories is particularly suitable for measuring small parts.

Installed quickly, its high accuracy ($1\ \mu\text{m}$) not only matches the most powerful height gauges, but also 1D probes, which are often expensive to install and less flexible in terms of application.

**HIGH
ACCURACY**



00730503

TESA μ -HITE RETROFIT KIT

Do you already have a TESA μ -HITE measuring station?

You can now benefit from the many new features!

With this special retrofit kit, you can easily improve the performance of your instrument.

It makes most of the multiple functions embedded in the MICRO-HITE height gauge range accessible and allows you to simplify and accelerate your measurement processes and manage your data more efficiently.



00730504

Order Number	EDP Number	Description	Maximum Permissible Errors (μm)	Repeatability Limit (μm)	Reg. Price	Promo Price
00730503	76648	TESA μ -HITE	Axial: 1 - offset: 2	Axial: 0.5 - offset: 1	\$5,450	\$4,910
00730504	76649	TESA μ -HITE retrofit kit			\$1,830	\$1,650

INTERNAL & EXTERNAL MEASUREMENT

BROWN & SHARPE VALUELINE IP67

- Ideal for all workshop conditions
- The IP67 protection at the best price
- Without data output



Starting at
\$116

Order Number	EDP Number	Description	Measuring Range (in)	Thumb Roller	Depth Rod	Reg. Price	Promo Price
00599390	45601	Brown & Sharpe VALUELINE IP67	0 - 6	▲	■	\$154.80	\$116
00599391	76599	Brown & Sharpe VALUELINE IP67	0 - 6	▲	●	\$154.80	\$116
00599392	45602	Brown & Sharpe VALUELINE IP67	0 - 8	▲	■	\$222	\$167

▲ Calipers with thumb roller ● Calipers with round depth rod ■ Calipers with square depth rod

TWIN-CAL IP67 CALIPERS

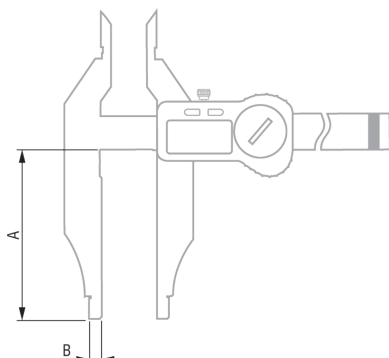
WITH ROUNDED MEASURING FACES FOR INTERNAL DIMENSIONS

These TWIN-CAL IP67 models feature the same wireless capabilities as other TWIN-CAL models. IP67 protection makes them equally durable as well.



Starting at
\$418

Order Number	EDP Number	Range (in/mm)	A (in/mm)	B (in/mm)	Reg. Price	Promo Price
00530421	45640	8/200	.20/5	3.15/80	\$456	\$388
00530422	45641	10/250	.20/5	3.15/80	\$492	\$418
00530423	45642	12/300	.20/5	3.15/80	\$512	\$435
00530424	45613	20/500	.40/10	6/150	\$853	\$725
00530425	45614	24/600	.40/10	6/150	\$1,055	\$897
00530426	45615	32/800	.40/10	6/150	\$1,319	\$1,121
00530427	45616	39/1000	.40/10	6/150	\$1,645	\$1,398



EXTERNAL MICROMETERS

BROWN & SHARPE ENAMEL FRAME MICROMETERS

- Thimble with friction drive for one-hand use
- Deactivate the friction drive by reversing the sleeve
- Black enamel frame



Order Number	EDP Number	Description	Reg. Price	Promo Price
00180070	76832	0-1 in, Straight Lines	\$132	\$106
00180071	76833	1-2 in, Straight Lines	\$144	\$115
00180072	76834	2-3 in, Straight Lines	\$150	\$120
00180073	76835	3-4 in, Straight Lines	\$156	\$125
00180077	76839	0-3 in Set, Without Standards	\$478.80	\$383
00180078	76840	0-3 in Set, With Standards	\$574.80	\$460
00180079	76841	0-4 in Set, Without Standards	\$618	\$494
00180080	76842	0-4 in Set, With Standards	\$762	\$610



MICRO-ETALON 225 MICROMETER WITH DIAL INDICATOR

- The nominal dimensions are set on the micrometer while deviations are read on the dial indicator
- Benchmarks tolerances of the adjustable indicator in 2 colors for a quick check
- Retractable anvil by means of a push-button
- Micrometer with vernier reading to .0001 in and dial indicator .00005 in

Order Number	EDP Number	Measuring Range (in)	Inserts	Reg. Price	Promo Price
72.109835	86147	0-1	Standard inserts	\$1,619	\$1,375
72.109837	41588	0-1	Standard inserts	\$1,496	\$1,270
72.109841	41589	1-2	Standard inserts	\$1,698	\$1,445
72.109843	41590	1-2	Standard inserts	\$1,573	\$1,335
72.109857	41591	0-0.800	Pointed inserts	\$1,622	\$1,380



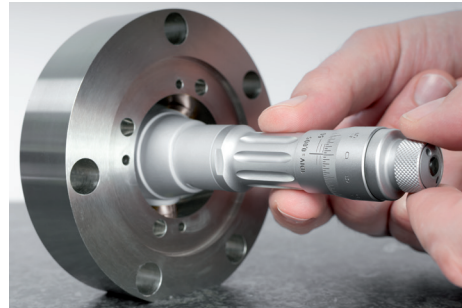
INTERNAL MICROMETERS

INTRIMIK INTERNAL MICROMETERS - INDIVIDUAL UNITS

- The only internal micrometer that respects the Abbe's principle of alignment. Three contact points spaced 120° apart, ensuring proper centering and alignment - even in deep holes.
- Sets include tools, setting rings and extensions

INDIVIDUAL UNITS

Order Number	EDP Number	Measuring Range (in)	Reg. Price	Promo Price
599-281-3	43972	.275 - .350	\$588	\$500
599-281-4	43974	.350 - .425	\$590	\$502
599-281-5	43976	.425 - .500	\$596	\$507
599-281-6	43978	.500 - .600	\$604	\$513
599-281-7	43980	.600 - .700	\$608	\$517
599-281-8	43982	.700 - .800	\$623	\$530
599-281-10	43984	.800 - 1.0	\$666	\$566
599-281-12	43986	1.0 - 1.2	\$674	\$573
599-281-14	43988	1.2 - 1.4	\$683	\$581
599-281-16	43990	1.4 - 1.6	\$694	\$590
599-281-20	43992	1.6 - 2.0	\$788	\$670
599-281-24	43994	2.0 - 2.4	\$799	\$679
599-281-28	43996	2.4 - 2.8	\$815	\$693
599-281-32	43998	2.8 - 3.2	\$836	\$711
599-281-36	44000	3.2 - 3.6	\$851	\$723
599-281-40	44002	3.6 - 4.0	\$864	\$734



COMPLETE SETS

Order Number	EDP Number	Full Range of Set (in)	Rings in Set (in)	Extension (in)	Reg. Price	Promo Price
00880100	20214	.275 - .500	.350, .425	4	\$2,136	\$1,815
00880400	20215	.500 - .800	.500, .700	6	\$2,265	\$1,925
00881200	20216	.800 - 1.600	1.000, 1.400	6	\$3,244	\$2,755
00881900	20217	1.600 - 4.000	2.000, 2.800, 3.600	6	\$6,554	\$5,570
00882700	20218	4.000 - 8.000	5.000, 7.000	6	\$8,686	\$7,385

THE ABBE'S PRINCIPLE

Each TESA INTRIMIK internal micrometer conforms precisely to Abbe's principle.

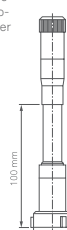
Ernest Abbe formulated the following principle:

"The length to be measured on the workpiece and that of the material measure to be used for comparison must be lying on a same axis."

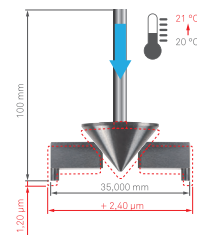
Respecting the Abbe's principle allows us to:

- avoid errors of the first instance to occur
- guarantee that the entire measuring force of the instrument is transmitted to the measuring bolts

Influence of the temperature variation with internal micrometer manufactured by other manufacturers



Other manufacturers

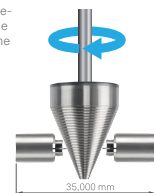


No influence of temperature variation on the measurement with the INTRIMIK

According to DIN 863:
Accuracy = 4 µm

50% loss of accuracy

INTRIMIK



INCLINATION MEASUREMENT

NEW

TESA CLINOBEVEL 3 INCLINOMETER

±60°

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

Download the product info

Order Number	Description	Measuring Range (deg)	Resolution (mm/m)	Weight (kg)	Reg. Price	Promo Price
05330210	TESA CLINOBEVEL 3 60 DEG IRON	± 60°	0.025	3.45	\$4,848	\$4,365
05330211	TESA CLINOBEVEL 3 60 DEG ALU	± 60°	0.025	1.5	\$4,848	\$4,365
05330212	TESA CLINOBEVEL 3 10 DEG IRON	± 10°	0.010	3.45	\$4,848	\$4,365
05330213	TESA CLINOBEVEL 3 10 DEG ALU	± 10°	0.010	1.5	\$4,848	\$4,365
05330214	TESA CLINOBEVEL 3 1 DEG IRON	± 1°	0.005	3.45	\$9,928	\$8,935



CAST IRON MODEL, RUST PROTECTED

ALUMINUM MODEL, BLACK ANODIZED



05330210

\$4,365



05330211

\$4,365

We reserve the right to make changes to our products, especially due to technical improvements and further developments. All illustrations and technical data are therefore without guarantee. All prices shown are non-binding price recommendations.