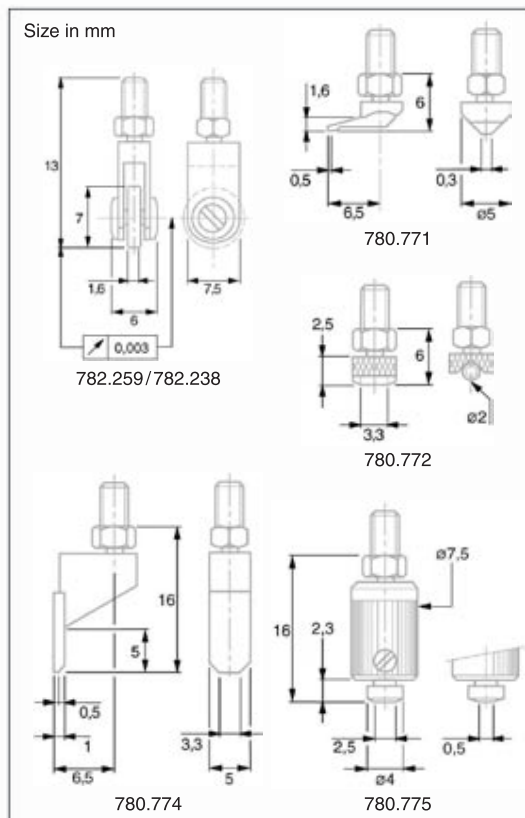
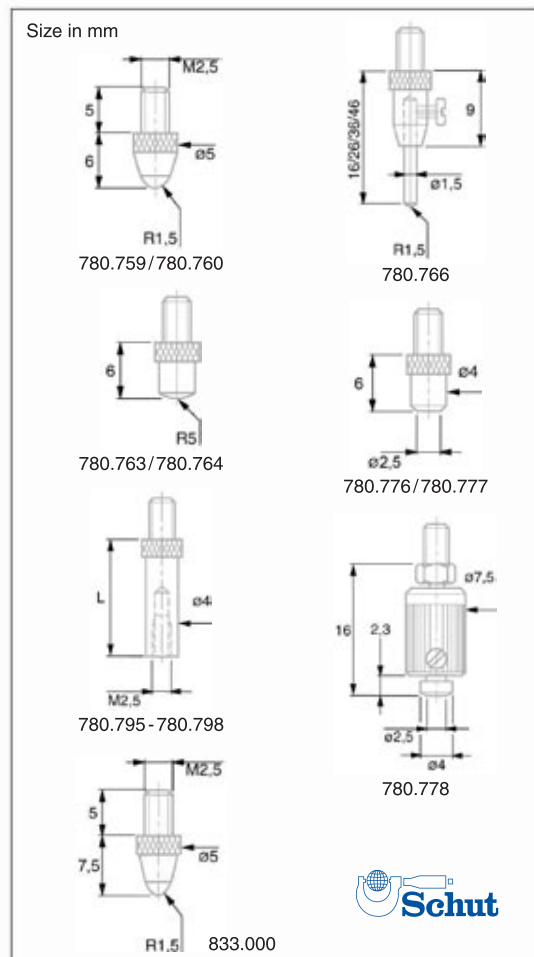


Inserts and extensions

Most dial indicators are equipped with an interchangeable insert with thread M2.5. Besides the inserts shown below various other types are available.

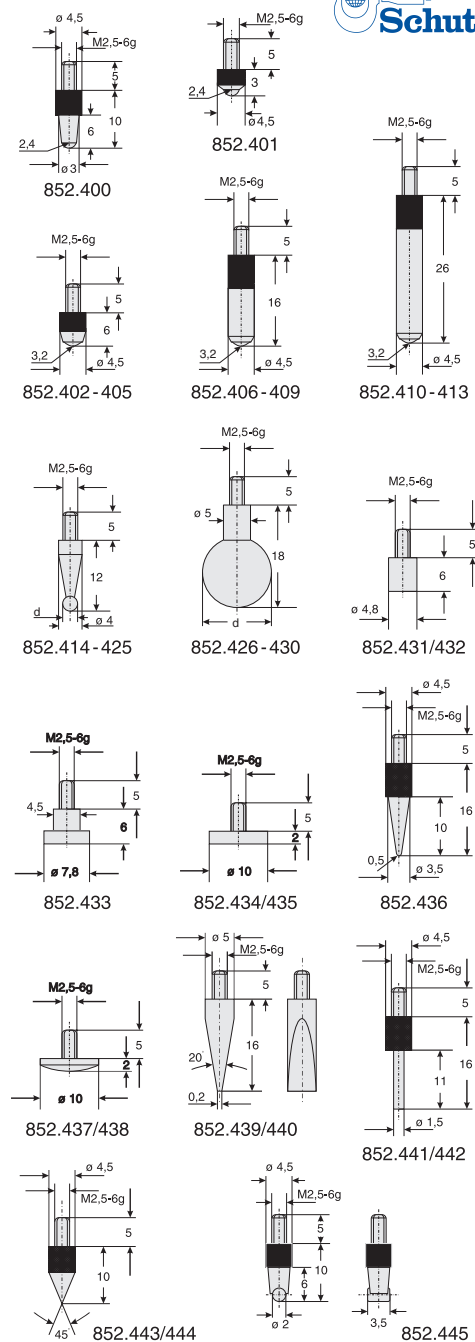


Item No.	Type	Price EUR
Ball radius 1.5 mm:		
780.759	Steel	
780.760	Tungsten carbide	
780.766	4 interchangeable inserts	
Ball radius 5 mm:		
780.763	Steel	
780.764	Tungsten carbide	
Flat:		
780.776	Steel	
780.777	Tungsten carbide	
780.778	Flat, adjustable meas. face	

Item No.	Type	Price EUR
Special forms:		
782.259	Roller with a cylindrical measuring face	
782.238	Roller with a ball-shaped measuring face	
780.771	Offset point	
780.772	Cylindrical point	
780.774	Offset line contact face	
780.775	V-shaped adjustable point	
Extensions:		
780.795	10 mm	
780.796	15 mm	
780.797	20 mm	
780.798	40 mm	
Special probe head:		
833.000	Ceramic ball $\varnothing 3$ mm	

Käfer inserts

Inserts with thread M2.5. The inserts are made of steel unless otherwise indicated; tungsten carbide (TC), ruby (R) or sapphire (S).



Item No.	Description	Price EUR
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Ball probes:

852.400	d= 2.4 mm	l= 10 mm	
852.401	d= 2.4 mm	l= 3.0 mm	
852.402	d= 3.2 mm	l= 6.0 mm	
852.403	d= 3.2 mm	l= 6.0 mm	TC
852.404	d= 3.2 mm	l= 6.0 mm	R
852.405	d= 3.2 mm	l= 6.0 mm	S
852.406	d= 3.2 mm	l= 16 mm	
852.407	d= 3.2 mm	l= 16 mm	TC
852.408	d= 3.2 mm	l= 16 mm	R
852.409	d= 3.2 mm	l= 16 mm	S
852.410	d= 3.2 mm	l= 26 mm	
852.411	d= 3.2 mm	l= 26 mm	TC
852.412	d= 3.2 mm	l= 26 mm	R
852.413	d= 3.2 mm	l= 26 mm	S
852.414	d= 1.0 mm	l= 12 mm	
852.420	d= 1.0 mm	l= 12 mm	TC
852.415	d= 2.0 mm	l= 12 mm	
852.421	d= 2.0 mm	l= 12 mm	TC
852.416	d= 3.0 mm	l= 12 mm	
852.422	d= 3.0 mm	l= 12 mm	TC
852.417	d= 4.0 mm	l= 12 mm	
852.423	d= 4.0 mm	l= 12 mm	TC
852.418	d= 5.0 mm	l= 12 mm	
852.424	d= 5.0 mm	l= 12 mm	TC
852.419	d= 6.0 mm	l= 12 mm	
852.425	d= 6.0 mm	l= 12 mm	TC
852.426	d= 7.0 mm	l= 18 mm	
852.427	d= 8.0 mm	l= 18 mm	
852.428	d= 9.0 mm	l= 18 mm	
852.429	d= 10.0 mm	l= 18 mm	
852.430	d= 11.0 mm	l= 18 mm	

Flat probes:

852.431	d= 4.8 mm	l= 6 mm	
852.432	d= 4.8 mm	l= 6 mm	TC
852.433	d= 7.8 mm	l= 6 mm	
852.434	d= 10.0 mm	l= 2 mm	
852.435	d= 10.0 mm	l= 2 mm	TC

Spherical probes:

852.436	conical	l= 16 mm	
852.437	d= 10.0 mm	l= 2.0 mm	
852.438	d= 10.0 mm	l= 2.0 mm	TC

Knife-edged probes:

852.439	d= 5.0 mm	l= 16 mm	
852.440	d= 5.0 mm	l= 16 mm	TC

Needle-shaped probes:

852.441	d= 1.5 mm	l= 16 mm	
852.442	d= 1.5 mm	l= 16 mm	TC

Tapered probes:

852.443	d= 4.5 mm	l= 10 mm	
	point 45°		
852.444	d= 4.5 mm	l= 10 mm	TC
	point 45°		

Probe with cylindrical measuring face:

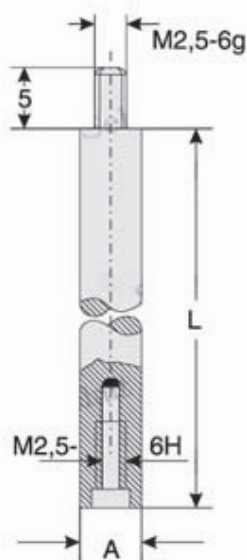
852.445	d= 2 x 3.5 mm	l= 10 mm	
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Extensions for inserts

Steel extensions for inserts with thread M2.5.

- Extension: 10 - 100 mm.

Item No.	Length mm	Price EUR
Extensions with A = $\varnothing$ 4 mm:		
852.446	10	
852.447	15	
852.448	20	
852.449	25	
852.450	30	
852.451	35	
852.452	40	
852.453	45	
852.454	50	
852.455	55	
852.456	60	
852.457	65	
852.458	70	
852.459	75	
852.460	80	
852.461	85	
852.462	90	
852.463	95	
852.464	100	

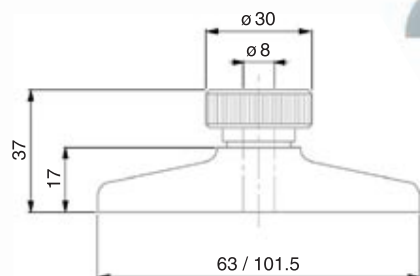


Item No.	Length mm	Price EUR
Extensions with A = $\varnothing$ 5 mm:		
852.465	10	
852.466	15	
852.467	20	
852.468	25	
852.469	30	
852.470	35	
852.471	40	
852.472	45	
852.473	50	
852.474	55	
852.475	60	
852.476	65	
852.477	70	
852.478	75	
852.479	80	
852.480	85	
852.481	90	
852.482	95	
852.483	100	

Depth measuring bases for dial indicators

Bases which make dial indicators and probes suitable for depth measurements.

- Clamping bore: 8H7.



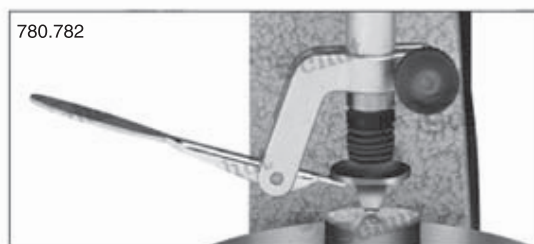
Item No.	Dimensions w x h/mm	Prijs EUR
907.153	63 x 17	
907.165	101.5 x 17	

Retraction levers

To determine the right type of retraction lever please contact our sales department.

Retraction lever

Universal retraction lever, bottom mounted. These levers are fully compatible with TESA dial gauges, but can also be used with a wide range of other dial gauges.



Item No.	Description	Price EUR
780.782	Retraction lever	
Consisting of:		
780.779	Lever	
780.780	Washer	

Retraction lever

Universal retraction lever, bottom mounted and compatible with any dial gauge with an interchangeable probe with M2.5 thread.



Item No.	Description	Price EUR
781.727	Retraction lever	

Retraction lever

Universal retraction lever, bottom mounted and compatible with any dial gauge.



Item No.	Description	Price EUR
137.693	Retraction lever	

TESA retraction levers

Universal retraction lever, top mounted. These levers are fully compatible with TESA and Käfer dial gauges of the given diameters, but can also be used with a wide range of other dial gauges.



Item No.	Description	Dial ø/mm	Price EUR
782.320	TESA lever	40	
782.321	TESA lever	58	
852.387	Käfer lever	58	

Mitutoyo retraction levers

Universal retraction lever, top mounted. These levers are fully compatible with Mitutoyo dial gauges of the given series, but can also be used with a wide range of other dial gauges.

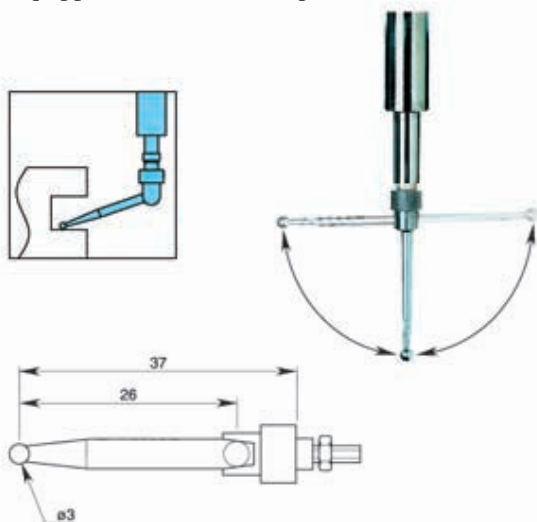


Item No.	Type	Price EUR
900.527	For series 1	
900.525	For series 2	
903.424	For series 3 and ID-S	
902.011*	For series ID-C	

* Only for ID-C with 12 mm measuring range.

Swivel type probe

Swivel type probe for dial gauges with M2.5 thread. The probe can be oriented over 180°. Equipped with a steel ball probe $\varnothing 3$ mm.



Item No.	Description	Price EUR
900.391	Swivel type probe	

Angle probe

Angle probe used for the transmission of the plunger movements up to 10 mm. Suited for dial gauges with a 0.01 mm scale graduation. Delivery with a flat insert $\varnothing 5$ mm.

- Measuring gauge range: 10 mm.
- Stem: $\varnothing 8$ mm.



Item No.	Description	Price EUR
782.440	Angle probe	

Special probe

Special probe e.g. for checks and alignments of bores on lathes.

- Measuring gauge range: 10 mm.
- Measuring depth: 60 mm.
- Clamping shaft: $\varnothing 8$ mm.
- Clamping bore: $\varnothing 8$ mm.



Item No.	Description	Price EUR
856.150	Extra insert $\varnothing 8$ mm	

Angle probe

Angle probe e.g. for checks and alignments of bores on lathes.

- Measuring gauge range: 10 mm.
- Measuring depth: 30 mm.
- Clamping shaft: $\varnothing 8$ mm.
- Clamping bore: $\varnothing 8$ mm.



Item No.	Description	Price EUR
856.149	Extra insert $\varnothing 8$ mm	