## Digital dial indicators 0.01 and 0.001 mm

Digital dial indicators for a favourable price.

- Measuring range: 0-50 mm.
- Resolution: 0.01 or 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Reset.
- Clamping stem: Ø8 mm.

- Dial diameter: 57 mm.
- Adjustable tolerance limits.
- Flat back and additional back with lug.
- Delivery with an inspection report.
- Power supply: 1 battery type CR2025.





Item No.	Measuring range/mm	Accuracy mm	Price EUR
With reso	olution 0.01 m	m:	
907.634	0 - 12.5	$\pm 0.02$	

907.634 0-12.5 ±0.02 907.649 0-25 ±0.03 907.652 0-50 ±0.04

**With resolution 0.001 mm:** 907.646 0-12.5 ±0.015

#### **Options:**

495.214 Spare battery 909.446 USB interface 909.687 Footswitch for USB interface



#### **USB** interface:

- For data transfer to PC (e.g. Excel, Word).
- Operating system:
- Windows and other.
- PC connection: USB.
- No software or driver to install.
- Foot switch (optional).

07.QControl.20190702

## Absolute digital dial indicators

Absolute digital dial indicators with function to set tolerance limits with clear optical Go (NoGo) reading.

u We Measure Quali

- Measuring range: 0-50 mm.
- Resolution: 0.01 mm or 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- With data output.
- Adjustable tolerance limits.
- Tolerance display by means of illuminated green LED at GO value.
- On/off switch.
- Reset/preset.
- Ceramic stylus tip.

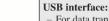
- Max. measuring speed: unlimited.
- Clamping stem: Ø8 mm.

Reversible measuring direction.

- Flat back.
- With additional back with lug.
- Protection: IP54.
- Delivery in a case with an inspection report.
- Power supply: 1 battery type CR2032.

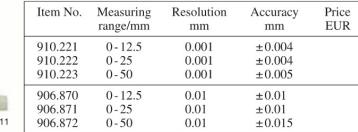






- For data transfer to PC (e.g. Excel, Word).
- Operating system:
- Windows and other.
- PC connection: USB.
- No software or driver to install. - Foot switch (optional).





906.618



495.157 Spare battery

906.618 USB interface

909.687 Footswitch for USB interface

910.038 Wireless USB receiver

906.619 Wireless transmitter

909.611 Retraction lever

909.613 Cable retraction device (0.7 m)

(maximum travel 10 mm)

909.614 Retraction lever

(maximum travel 12.7 mm)



## **Absolute digital dial indicators**

- Measuring range: 0-50.8 mm.
- Resolution: 0.01 mm or 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- LCD display 330° rotata
- Digimatic data output.
- On/off switch.
- Reset/preset.
- Ceramic stylus tip.
- Max. measuring speed: unlimited.
- Measuring force:  $\leq 2$  N.
- Clamping stem: Ø8 mm.
- Dial diameter: 60 mm.
- Reversible measuring direction.
- With determination of the reversal point (only

#### USB interface:

- For data transfer to PC (e.g. Excel, Word).
- Operating system:
- Windows and other.
- PC connection: USB. No software or driver to install.
- Foot switch (optional).







Flat back.

■ With additional back with lug (only 909.998, 910.001/004).

Brotection: IP54.

Belivery in a case with an inspection report.

Power supply: 1 battery type CR2032.



- 1	7	D .	U	
Item No.	Measuring range/mm	Resolution mm	Accuracy mm	Price EUR
909.998 909.999 910.000	0-12.7 0-25.4 0-50.8	0.001 0.001 0.001	±0.004 ±0.005 ±0.006	
910.001 910.002 910.003	0-12.7 0-25.4 0-50.8	0.01 0.01 0.01	±0.01 ±0.01 ±0.015	
<b>For intern</b> 910.004	nal measurem 0-12.7	ents: 0.001	±0.004	
<b>With Blue</b> 910.079	etooth: 0 - 12.7	0.001	±0.004	

0.01

 $\pm 0.01$ 

## 910.082 **Options:**

495.157 Spare battery

909.686 USB interface

909.687 Footswitch for USB interface

910.038 Wireless USB receiver

0 - 12.7

910.039 Wireless transmitter

909.611 Retraction lever

909.613 Cable retraction device (0.7 m)

(maximum travel 10 mm)

Retraction lever

(maximum travel 12.7 mm)

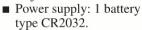
## **Digital dial indicators**

Digital dial indicators with digital and digital-analog read-out.

- Measuring range: 0-12.5 mm.
- Resolution: 0.002 or 0.001 mm.
- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Automatic switch-off.
- Reset/preset.
- Clamping stem: Ø8 mm.
- Dial diameter: 62 mm.
- Dial 360° rotatable.
- Reversible measuring direction.

■ With determination of the reversa	al point.
-------------------------------------	-----------

Adjustable tolerance limits.





Item No.	Measuring range/mm	Resolution mm	Accuracy mm	Measuring force/N	Price EUR
909.250 909.251	0-12.5 0-12.5	0.002 0.001	±0.015 ±0.006	1.8-3.0 2.2-3.5	
Option:					

495.157 Spare battery

## Digital dial indicators

Universal digital indicators with both digital and digital-analog display of the measuring value, and can also be rotated over  $340^{\circ}$  to ensure easy read-out in all positions.

- Measuring range: 0-12.7 mm.
- Resolution: 0.001 mm.
- Analog resolution: 0.001/0.002/0.01/0.02/0.05 mm.
- mm/inch conversion.
- ABS/INC switchable.
- On/off switch.
- Automatic switch-off.
- Reset/preset.
- Clamping stem: Ø8 mm.
- Dial diameter: 61 mm.
- Dial 340° rotatable.

-			1.
■ Key	ercible	measuring	direction
1//	CISIDIC	measume	unccuon.

- Adjustable tolerance limits.
- Protection: IP54.

■ Power supply: 1 battery type CR2032.



			- /
Item No.	Measuring range/mm	Accuracy mm	Price EUR
907.879 907.878	0-12.7 0-12.7	$\pm 0.01$ $\pm 0.005$	
<b>Option:</b> 495.157	Spare battery		



## Absolute horizontal digital dial indicators

- Measuring range: 0-30 mm.
- Resolution: 0.001 mm.
- mm/inch conversion.
- Digimatic data output.
- On/off switch.
- Reset/preset.
- Ceramic stylus tip.
- With dovetail joint (incl. lug) and clamping stem Ø8 mm.
- Measuring force:  $\leq 2$  N.
- Reversible measuring direction.
- Protection: IP54.
- Delivery in a case with an inspection report.
- Power supply: 1 battery type CR1632.

USB interface and wireless USB receiver and transmitter available on request.







				- /
Item No.	Measuring range/mm	Resolution mm	Accuracy mm	Price EUR
910.085	0-12.7	0.001	±0.005	
910.086	0-30	0.001	$\pm 0.006$	
Ontion				

#### Option:

497.955 Spare battery

# Digital dial indicator with calculation function

Robust digital dial indicator with built-in calculation function for easy determination of diameters by means of measuring a curved surface. Suitable for measuring both inside and outside diameters and multifunctional dial indicator applications. Delivery with measuring bases of 10, 20, 30, 60 and 100 mm.

- Measuring range: 0-13 mm.
- Resolution: 0.005 mm.
- mm/inch conversion.
- On/off switch.
- Reset.



Item No.	Measuring range/mm	Accuracy mm	Price EUR
907.884	0-13	±0.005*	

#### Option:

495.157 Spare battery

- Hold function.
- Clamping stem: Ø8 mm.
- Aluminum construction.
- Delivery in a case.
- Power supply: 1 battery type CR2032.



<sup>\*</sup> Accuracy of the indicator without the use of measuring bases. The accuracy with measuring bases depends on the radius and form deviation of the workpiece.

#### Dial indicators 0.01 mm

Indicators with an excellent price-performance ratio.

- Measuring range: 0-10 mm.
- Graduation: 0.01 mm.
- Clamping stem: Ø8 mm.
- Dial diameter: 55 mm.
- Rotatable dial.
- Shockproof.
- Adjustable tolerance markers.
- Flat back.
- Delivery with an inspection report.
- Retraction lever available on request (only 907.929/930).



Item No.	Measuring range/mm	Price EUR
907.928	0- 3	
907.929	0- 5	
907.930	0-10	
Option:		
	Back with lug	



#### Dial indicators 0.01 mm

Indicators with a large dial and a locking screw. Shockproof design.

- Measuring range: 0-10 mm.
- Graduation: 0.01 mm.
- Clamping stem: Ø8 mm.
- Dial diameter: 60 mm.
- Rotatable dial.
- Shockproof.
- Adjustable tolerance markers.
- Locking screw.
- Flat back.
- Delivery with an inspection report.



Item No.	Measuring range/mm	Price EUR
907.931	0- 3	
907.932	0 - 5 0 - 10	
Options:	0 10	
	Back with lug	
906 359	Retraction lever	





+906.359

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#### Dial indicators 0.01 mm

Indicators with a large measuring range. Shockproof design.

- Measuring range: 0 100 mm.
- Graduation: 0.01 mm.
- Clamping stem: Ø8 mm.
- Rotatable dial.
- Shockproof.
- Adjustable tolerance markers (except 907.916).
- Locking screw.
- Flat back.
- Delivery with an inspection report.



Item No.	Measuring range/mm	Dial ø/mm	Price EUR
907.934	0- 25	60	
907.935	0- 30	60	
907.936	0- 50	76	
907.916	0 - 100	80	

#### **Options:**

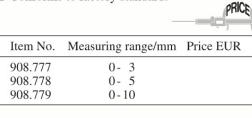
908.987<sup>1</sup> Back with lug 908.988<sup>2</sup> Back with lug

# Splashproof dial indicators 0.01 mm

Indicators with splashproof design.

- Measuring range: 0 10 mm.
- Graduation: 0.01 mm.
- Clamping stem: Ø8 mm.
- Dial diameter: 55 mm.
- Rotatable dial.
- Shockproof.
- Adjustable tolerance markers.
- Locking screw.
- Back with lug.
- Protection: IP54.
- Conforms to factory standard.







<sup>&</sup>lt;sup>1</sup> For 907.934/935.

<sup>&</sup>lt;sup>2</sup> For 907.936/916.

## Miniature dial indicators 0.01 and 0.001 mm

Indicators with very small dimensions and an excellent price-performance ratio. Shockproof design.

PRICE

- Measuring range: 0-10 mm.
- Graduation: 0.01 or 0.001 mm.
- Clamping stem: Ø8 mm.
- Dial diameter: 40 mm.
- Rotatable dial.
- Shockproof.
- Adjustable tolerance markers.

Locking	SCTOU
LUCKING	SCICW

- Flat back.
- Delivery with an inspection report.



	_	
Item No.	Measuring range/mm	Price EUR
Graduati	on 0.01 mm:	
907.925	0- 3	
907.926	0- 5	
907.927	0-8	
907.914	0 - 10	
Graduati	on 0.001 mm:	
907.920	0- 1	
Option:		
	Back with lug	

## Dial indicators 0.001 mm

Indicators with micrometer reading. Shockproof design.

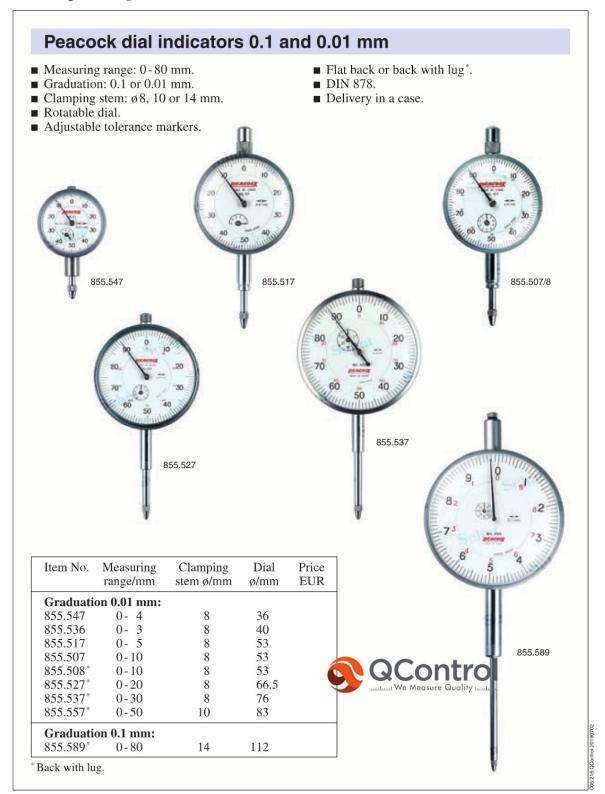
- Measuring range: 0-5 mm.
- Graduation: 0.001 mm.
- Clamping stem: Ø8 mm.
- Dial diameter: 60 mm.
- Rotatable dial.
- Scale numbering: 0-100-0.
- Shockproof.
- Adjustable tolerance markers.
- Locking screw.
- Flat back.
- Delivery with an inspection report.



Measuring range/mm	Price EUR
0.1	
U - I	
0-2	
0-3	
0-5	
	0-3



www.qcontrol.gr DIAL INDICATORS



## Peacock dial indicators 0.005 and 0.001 mm

- Measuring range: 0-5 mm.
- Graduation: 0.005 or 0.001 mm.
- Clamping stem: Ø8 mm.
- Rotatable dial.
- Flat back or back with lug\*.
- DIN 878.
- Delivery in a case.

Item No.	Measuring range/mm	Dial ø/mm	Price EUR
Graduatio	on 0.005 mm:		
855.535*	0-3	47	
Graduatio	on 0.001 mm:		
855.509	0 - 1	53	
855.525*	0-2	66.5	
855.555*	0-5	66.5	





## Peacock dial indicators with back plunger

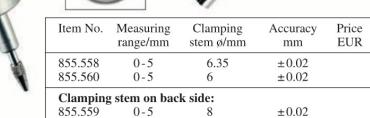
The back plunger dial indicator is characterized with easy handling since the spindle with the contact point is moving in the direction perpendicular to the dial face and the gauge is more compact. The dial indicator of this type is convenient for use in achieving a parallelism of the table of the machine tool, with measuring jigs, in restricted areas and on locations where scale reading is difficult.

- Measuring range: 0-5 mm.
- Graduation: 0.01 mm.
- Repeatability: 0.005 mm.
- Hysteresis: ±0.006 mm.
- Measuring force: 1.4 N.
- Rotatable dial.
- Scale numbering: 0-100.

4.5 855.559

- DIN 878.
- Delivery in a case.





## **Precision dial indicator**

Highly accurate shockproof dial indicator for measurements from a fixed reference point. Very suitable for internal measuring instruments and dial indicator stands for example.

■ Measuring range: 0.1 mm.

■ Graduation: 0.001 mm.

■ Measuring force: <2 N.

■ Clamping stem: Ø8 mm.

■ Travel: 3 mm.

■ Adjustable tolerance markers.

■ Fine adjustment.

■ Delivery with an inspection report.



			- /
Item No.	Measuring range/mm	Dial ø/mm	Price EUR
907.939	0.1	63.5	

## **Precision dial indicators**

■ Measuring range: 0.06 mm.

■ Graduation: 0.0005 mm or 0.001 mm.

■ Measuring force: approx. 1 N.

■ Clamping stem: Ø28 mm.

■ Shockproof.

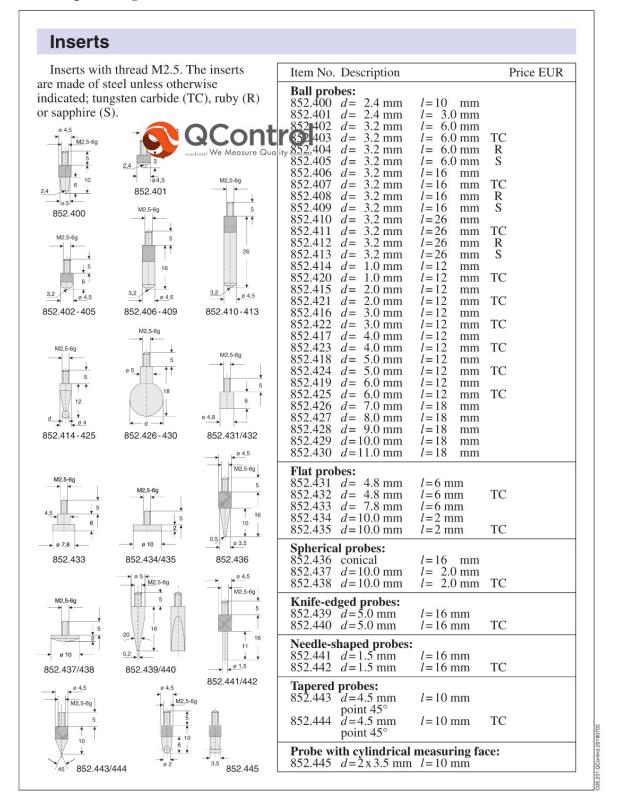
■ Fine adjustment.

■ Delivery with an inspection report.



Item No.	Measuring range/mm	Resolution mm	Scale numbering	Price EUR
906.332	0.03	0.0005	15-0-15	
906.333	0.06	0.001	30-0-30	

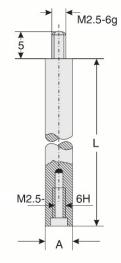
www.qcontrol.gr INSERTS



## **Extensions for inserts**

Steel extensions for inserts with thread M2.5.

Item No.	Length mm	Price EUR
Extensions	with A = ø4 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	

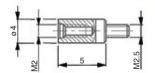


Item No.	Length mm	Price EUR
Extensions	with A = ø 5 mm:	
852.465	10	
852.466	15	
852.467	20	
852.468	25	
852.469	30	
852.470	35	
852.471	40	
852.472	45	
852.473	50	
852.474	55	
852.475	60	
852.476	65	
852.477	70	
852.478	75	
852.479	80	
852.480	85	
852.481	90	
852.482	95	
852.483	100	

# **Adapters for inserts**

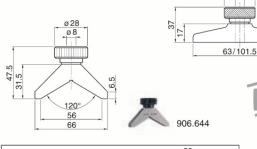
Adapter for attaching other inserts to dial indicators and probes with an interchangeable insert with thread M2.5.

Item No.	External/internal thread	Price EUR
960.276	M2.5/M2	



# Depth measuring bases for dial indicators

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



■ Clamping shaft: 8H7.







907.179		ø 30 ø 8
	33	
R10.9	,,,	101.5

Item No.	Measuring face l x w/mm	Price EUR
907.153	63 x 17	
907.165	101.5 x 17	
906.644	66 x 16	
With cylindri 907.179	ical measuring face: 101.5 x R10.9	

## **Clamping bush**

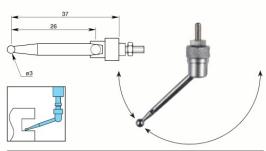


Price EUR Item No. Description 780.398 Clamping bush VKE

## Swivel-type probe

780.397 Clamping screw VKD

Swivel-type probe for dial indicators with M2.5 thread. The probe can be oriented over 180°. Equipped with a steel ball probe \( \text{\oldsymbol{g}} \) mm.



Item No. Description Price EUR 900.391 Swivel-type probe

# Angle probe and special probe

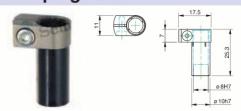
Probes e.g. for checks and alignments of bores on lathes.

- Probe measuring range: 10 mm.
- Measuring depth: 30 mm (856.149) or 60 mm (856.150).
- Clamping stem: Ø8 mm ■ Clamping shaft: Ø8 mn



Item No. Desc	ription	Price EUR
856.149 Angl	e probe	
856.150 Spec	ial probe	

## Clamping bush



Item No.	Description	Price EUR
906.497	Clamping bush	

# **Angle probe**

Angle probe used for the transmission of the plunger movements up to 10 mm. Suited for dial indicators with a 0.01 mm graduation. Delivery incl. flat insert ø5 mm.

- Probe measuring range: 10 mm.
- Clamping shaft: ø8 mm.

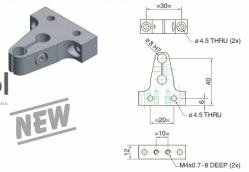


Item No. Description	Price EUR
782.440 Angle probe	

#### Probe holder

Probe holder for for surfacemounting.

- Clamping shaft: Ø8 mm.
- For attaching with M4 bolts.
- Material: anodized aluminum.



Item N	No. Description	Price EUR
993.05	54 Probe holder	

## Lever-type test indicators

- Measuring range: up to 0.8 mm.
- Graduation: 0.01 or 0.002 mm.
- With dovetail joint and clamping stems Ø6 and ø8 mm.
- Dial diameter: 40 mm.

- Rotatable dial.
- Stylus tip: ø2 mm.
- Delivery with an inspection report.





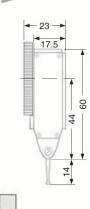




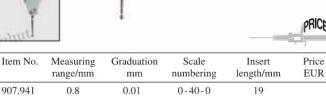


-22.5→









0-100-0



#### 907.942 Options:

909.114 Steel spare stylus tip for 907.941

909.115 Steel spare stylus tip for 907.942

906.663 Ruby spare stylus tip for 907.941

906.664 Ruby spare stylus tip for 907.942



# Lever-type digital test indicator

0.002

Lever-type digital test indicator with tolerance judgement. Suitable for measurements in both directions. Equipped with three dovetail mountings.

- Measuring range: up to 0.5 mm.
- Resolution: 0.001 mm.
- Accuracy: ±0.02 mm.
- mm/inch conversion.
- On/off switch.
- Reset.
- Measuring force:  $\leq 0.6$  N.
- With dovetail joint and clamping stems ø6 and ø8 mm.
- Ruby stylus tip: ø2 mm.

- 230° adjustable measuring insert.
- Adjustable tolerance limits.
- Power supply: 1 battery type V357.



Item No.	Measuring range/mm	Resolution mm	Insert length/mm	Price EUR
907.574	0.5	0.001	17	

836.535 Spare battery 907.769 Spare stylus tip

# Peacock lever-type dial test indicators

- Measuring range: up to 1 mm.
- Graduation: 0.01, 0.002 or 0.001 mm.
- With dovetail joint and clamping stem Ø6 mm.
- Measuring force: <0.3 N (except 855.610: 0.05 N).
   Tungsten carbide stylus tip: ø2 mm.
- Insert thread: M1.7.



#### Inserts for lever-type dial test indicators

Item No.	Effective length (EL)/mm		Price EUR
T. 055.6			United States
	01, 855.605 and		:
	17.74	2	
859.152		1	
859.151		0.8	
859.290	17.74	0.5	
For 855.6	02:		
859.126	39.00	2	
859.291	39.00	1	
859.292	39.00	0.8	
859.293	39.00	0.5	
For 855.6	03 and 855.606:		
859.200	14.33	2	
859.294	14.33	1	
859.295	14.33	0.8	
859.296	14.33	0.5	
For 855.6	04:		
859.259	8.13	2	
859.297	8.13	1	
859.298	8.13	0.8	
859.299	8.13	0.5	
For 855.6	11:		
859.464	19.24	2	
859.465	19.24	1	
859.466		0.8	
859.467	19.24	0.5	

Item No.	Measuring range/mm	Graduation mm	Dial ø/mm	Scale numbering	Insert	Total insert length (TL)/mm	Price EUR
Horizonta	ıl:						
855.601	0.5	0.01	35	0-25-0	859.016	21.3	
855.602	1	0.01	35	0-50-0	859.126	42.8	
855.603	0.28	0.002	35	0-140-0	859.200	17.9	
855.604	0.14	0.001	35	0-70-0	859.259	11.7	
855.611	0.8	0.01	35	0-40-0	859.464	22.4	
855.610	0.5	0.01	35	0-25-0	859.016	21.3	
Perpendicular:							
855.605	0.5	0.01	35	0-25-0	859.200	21.3	
855.606	0.28	0.002	35	0 - 140 - 0	859.200	17.9	

## Accessories dial indicators/dial test indicators

Item No.	Description	Price EUR
909.433	Centering support Ø8 x 25 mm, holder Ø4 mm	
909.434	Rectangular fixing shaft 12 x 6 x 76 mm,	
	holder ø 4/ø 8 mm and dovetail clamp	
909.435	Rectangular fixing shaft 12 x 6 x 76 mm,	
	holder ø 6/ø 8 mm and dovetail clamp	
909.436	Rectangular fixing shaft 9 x 9 x 76 mm,	
	holder ø 4/ø 8 mm and dovetail clamp	
909.437	Rectangular fixing shaft 9 x 9 x 76 mm,	
	holder ø 6/ø 8 mm and dovetail clamp	
909.438	Round, swivelling fixing shaft ø6x70 mm,	
	holder with dovetail clamp	
909.439	Round, swivelling fixing shaft Ø8 x 70 mm,	
	holder with dovetail clamp	











## Reducer

837.190

 $837.190 \text{ } \emptyset 8 \rightarrow 6 \text{ mm}$ 



Item No. Thread Price EUR
781.819 Ø8→4 mm

## **Center-accessory**

Small magnetic dial indicator stand which, in combination with a lever, could also be used as center-accessory to align bores in workpieces. For use in combination with a machine center.

- Permanent magnet ø27 mm.
- Universal pivot with dovetail clamp.
- Delivery incl. cylindrical support ø 9.5 mm for insert in the collet chuck of a machine center.



Item No. Description Price EUR
781.997 Center-accessory