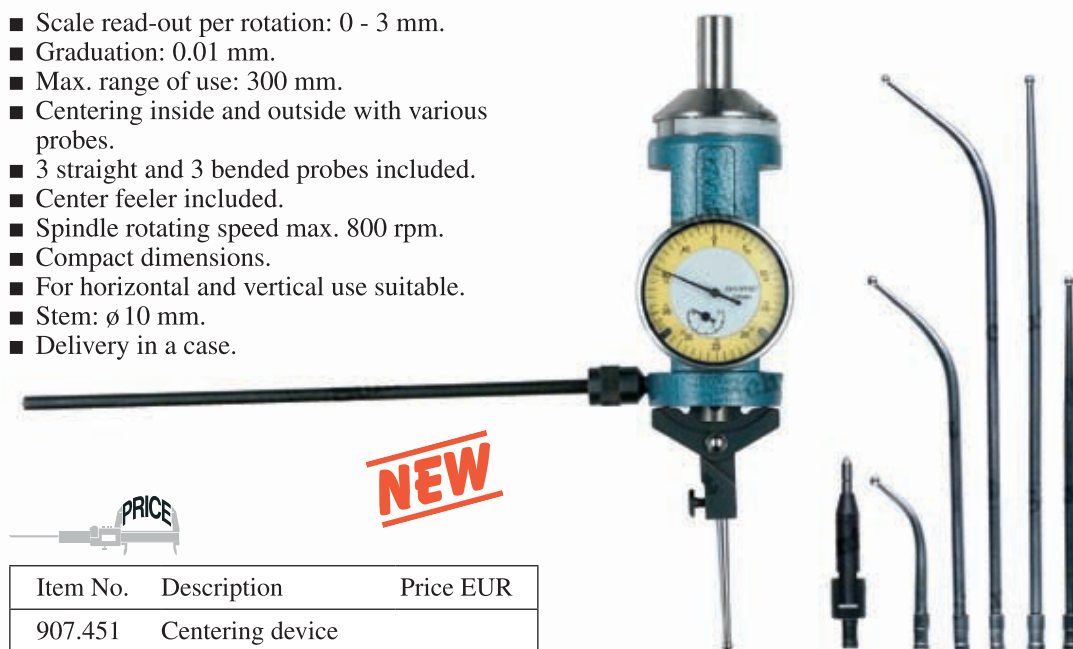


Centering device

Convenient tool to find and set up the position of a workpiece on vertical and horizontal machines. It can also be used to determine the position of a workpiece when the spindle is rotated by hand or automatic. Easy read-out from stationary dial indicator. Instrument with compact dimensions.

- Scale read-out per rotation: 0 - 3 mm.
- Graduation: 0.01 mm.
- Max. range of use: 300 mm.
- Centering inside and outside with various probes.
- 3 straight and 3 bended probes included.
- Center feeler included.
- Spindle rotating speed max. 800 rpm.
- Compact dimensions.
- For horizontal and vertical use suitable.
- Stem: \varnothing 10 mm.
- Delivery in a case.



Item No.	Description	Price EUR
907.451	Centering device	

3D probe for centering

For easy and accurate centering of workpieces. Easy readout from stationary dial indicator.

- Detection range:
 - Radial: ± 1 mm,
 - Axial: ± 0.3 mm.
- Radial graduation:
 - for detection range ± 0.1 mm: 0.01 mm,
 - for detection range 0.1 - 1.0 mm: 0.05 mm.
- Axial graduation:
 - for detection range ± 0.1 mm: 0.01 mm,
 - for detection range 0.1 - 0.3 mm: 0.05 mm.
- Accuracy: 0.01 mm.
- Stem: \varnothing 20 mm.



Item No.	Description	Price EUR
907.450	Universal 3D probe	



Diebold 3D probe for centering and measuring

For easy and with high accurate setting the reference point of workpiece in all 3 axes (X,Y,Z), vertically and horizontally.

- Measuring range: max. 3 mm (rupture point in probe).
- Graduation: 0.01 mm.
- Repeatability: 0.01 mm.
- Stem: \varnothing 12 mm, \varnothing 16 mm or \varnothing 20 mm (DIN 1835).
- Dimensions: \varnothing 52 x length 160 mm.
- Protection: IP64.
- Delivery in a case.

NEW



853.800

Item No.	Stem \varnothing /mm	Total length/mm	Length probe/mm	Accuracy mm	Price EUR
853.800	20	112	12	± 0.01	
853.801	20	122	22	± 0.02	
853.802	16	112	12	± 0.01	
853.803	16	122	22	± 0.02	
853.804	12	112	12	± 0.01	
853.805	12	122	22	± 0.02	

Options:

Item No.	Description	Thread	Ball \varnothing /mm	Length probe/mm	Price EUR
853.819	Probe	M2.5	5	12	
853.820	Probe	M2.5	5	22	



Z-axis setting gauge

For easy presetting the Z-axis with a tool, with or without in combination with parallel blocks to set a specific height. As soon as the tool touches the setting gauge (with floating top) the built-in red LED illumination will light up, after this the axis will move in opposite direction until the lamp turns off, this is the turning point, and so the setting gauge, to determine the accuracy.

- Repeatability: 0.01 mm.
- With magnetic base.
- Galvanic contact principle.

- Height: 50 mm (precise measure to determine with external measuring instrument).
- Diameter bottom: 54 mm.
- Weight: 450 gr.
- Power supply: 2 batteries (V389).

NEW



Item No.	Description	Price EUR
908.804	Z-axis setting gauge	
Option:		
498.823	Spare battery (2 needed)	



Edge finders

Item No.	Stem ø/mm	Probe ø/mm	Price EUR
856.560	8	10	
856.561	10	10	
856.562	8	4 and 10	
856.563	10	4 and 10	
856.564	6	6	

Options:

- 859.143 Spring for probe ø 6 mm
859.037 Spring for probe ø 10 mm

Rotating edge finder for accurate edge location.

- Resolution: 0.005 mm.
- Repeatability: 0.005 mm.
- Range of use: approx. 600 rpm.



856.560



857.002

NEW

Edge finders

- Resolution: 0.002 mm.
- Repeatability: 0.002 mm.
- Range of use: 450 - 600 rpm.

Item No.	Stem ø/mm	Probe ø/mm	Material (measuring face)	Hardness HV	Price EUR
857.000	10	10	Steel + TiN	2200	
857.002	10	4 and 10	Steel + TiN	2200	
857.006	10	10	Steel + CrN	2700	
857.007	10	4 and 10	Steel + CrN	2700	

Option:

- 857.009 Spring for probe

Edge finders

Edge finders for both stationary and rotating use. As soon as the workpiece is touched by the ballprobe the all around visible LED will light up due to galvanic contact. The ballprobe is held in place by a spring. When the pressure on the tip becomes too large the ball will flip away sideways. The edge finders are also available with additional sound signal for extra working comfort.

- Concentricity: < 0.01 mm.
- Diameter ballprobe: 10 mm.
- Delivery in a case.
- Power supply: 2 batteries (V357).



907.458



907.456

Item No.	Stem ø/mm	Length mm	Price EUR
907.454	20	176	
907.455	32	176	
907.456	20	98	
907.457	32	98	
With sound signal:			
907.458	20	164	
907.459	32	164	
907.460	20	98	
Option:			
836.535 Spare battery (2 needed)			

PRICE