

Schwenk internal measuring instruments with ball probes

Special internal measuring instruments for measuring profiles and internal toothings without centering bridge. The fixed pin gauge and interchangeable inserts come with internal screw thread, in which ball probes can be placed.

- Measuring range: 8 - 510 mm.
- Read-out depends on the type of dial indicator or measuring probe.
- Accuracy: ≤ 0.002 mm.
- Repeatability: ≤ 0.0005 mm.
- Clamping shaft: $\varnothing 8$ mm.



- Ball probes available from $\varnothing 0.5$ mm, rising with 0.001 mm.
Deviation diameter: < 0.002 mm.
- Delivery in a case incl. interchangeable inserts and spacer ring(s).
- Excl. ball probes and dial indicator or measuring probe.



Item No.	Measuring range/mm	Measuring depth/mm	Price EUR	Item No.	Set of ball probes ¹	Price EUR
852.625	8 - 12	100	703.00	852.626	\varnothing optional, ≤ 2 mm (M1.6)	132.00
852.627	12 - 22	102	667.00	852.628	\varnothing optional, ≤ 4 mm (M1.6)	125.00
852.629	22 - 55	110	498.00	852.630	\varnothing optional, ≤ 7 mm (M2.5)	125.00
				852.631	\varnothing optional, > 7 mm (M2.5)	167.00
				852.635	Adapter for ball probes (M1.6/M2.5)	26.30
852.632	55 - 250	177	545.00	852.633	\varnothing optional, ≤ 7 mm (M4)	125.00
852.636	100 - 510	235	644.00	852.634	\varnothing optional, > 7 mm (M4)	167.00

See for dial indicators the page "Schwenk precision dial indicators".

¹ Choice ball probe diameter limited to standard sizes.

See for standard sizes the page "Schwenk carbide precision measuring balls".