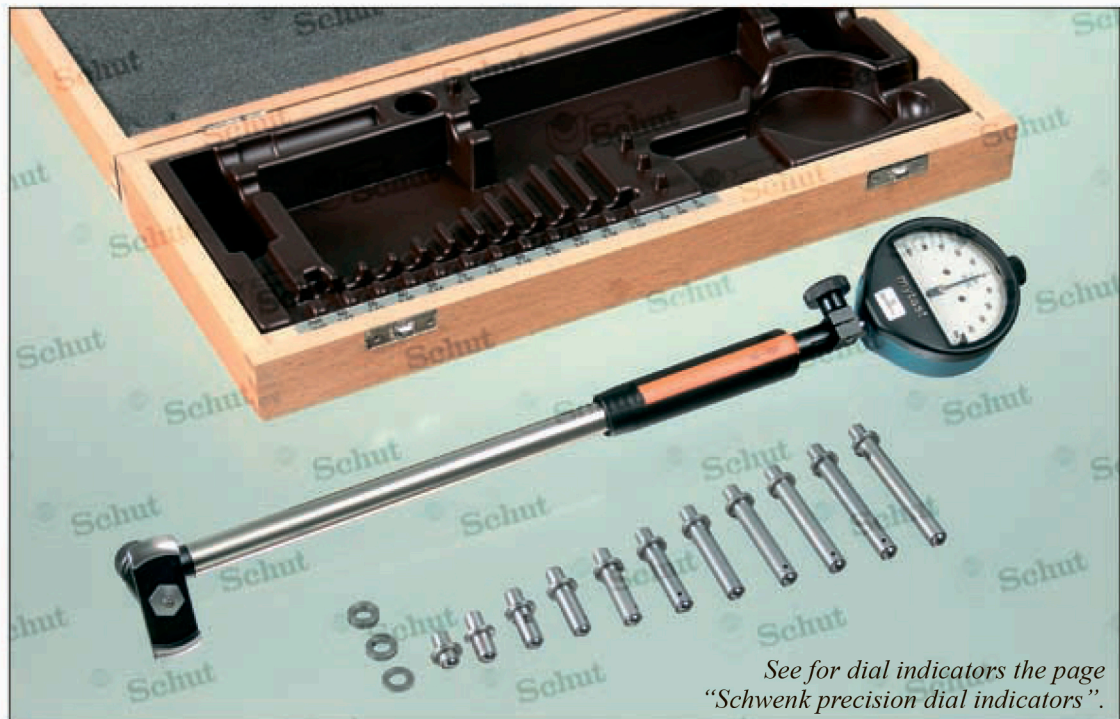


Schwenk internal measuring instruments

These internal measuring instruments are used for measuring cylindrical bores and form deviations compared to standards, for example, setting rings. In order to read out the measured values, any existing dial indicator or measuring probe with a clamping stem of $\varnothing 8$ mm can be used. The reversal point marks the right diameter of the bores. With digital indicators, it is recommended to use types that have a hold function for minimal measuring values.

- Measuring range: 4.5 - 800 mm.
- Read-out depends on the type of dial indicator or measuring probe.
- Accuracy: 4.5 - 290 mm: ≤ 0.002 mm,
280 - 800 mm: ≤ 0.003 mm.
- Repeatability: 4.5 - 290 mm: ≤ 0.0005 mm,
280 - 800 mm: ≤ 0.0015 mm.
- Clamping shaft: $\varnothing 8$ mm.
- Self-centering bridge.
- Fixed measuring probe supplied with tungsten carbide ball tip.
- Interchangeable probes standard supplied with tungsten carbide ball tip.
- Interchangeable probes also available with steel or ruby ball tip.
- Centering bridge available with a durable layer.
- Delivery in a case incl. probes, spacer rings (from 12 mm) and measuring report.
- Excl. dial indicator or measuring probe.

Item No.	Measuring range/mm	Measuring depth/mm
852.500	4.5 - 6	80
852.501	6 - 8	100
852.502	8 - 12	100
852.503	12 - 20	110
852.504	18 - 35	110
852.505	35 - 60	177
852.506	50 - 100	177
852.507	50 - 150	177
852.508	100 - 160	234
852.509	100 - 230	234
852.510	160 - 290	234
852.511	160 - 360	234
852.512	280 - 410	400
852.513	280 - 510	400
852.514	500 - 800	700



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