



Expansion & Spline Mandrills for inspection applications from Germany



Expansion Mandrills

- Our expanding mandrels cover a range from diameter 6.35 mm to 177.80 mm.
- Guaranteed accuracy 0,0025 mm over entire range of expansion.
- Expansion range up to 25.40 mm on a single mandrel.

They are available as:

- A-Types (extra wide expansion range)
- M-Types (extra small mandrels < 10 mm)
- B-Types (extra long jaws)
- C-Types (compact design)

Application:

Our expanding mandrels are used for inspection applications. Standard mandrels listed are for location on inside diameters and rotating between centers.





Spline Mandrills

Spline Rotalock - Mandrels are designed to clamp internal splined work pieces during mechanical work processes, such as turning, milling, grinding etc. They are also used when work pieces are measured and calibrated. Generally one differentiates between the following types:

- Rotalock Mandrels, full form spline, clamps along the lead of the entire spline profile of the work piece. They are suitable for both, in - process work and calibration purposes.
- Key Type Mandrels, full form spline, clamps on the root diameter in partial areas of the spline profile of the work piece. They are suitable for in - process work.
- 3. Collet Type Mandrels clamps on the tooth flanks of the tooth space of the spline profile of the work piece. They are suitable for both, in process work and calibration purposes.
- 4. Taper Splined Mandrels, full form spline, clamps on either tooth flanks or root diameter of the spline profile of the work piece. They are suitable for calibration purposes

Spline Mandrels are available in various executions:

- Rotalock-Mandrels
- · Key Type Mandrels
- Collet Type Mandrels
- Taper Spline Mandrels

- Made in Germany
- All products are delivered complete with design drawings and calibration certificates.
- Our clamping systems are perceived and known for longevity, reliability, flexibility and highest precision.