

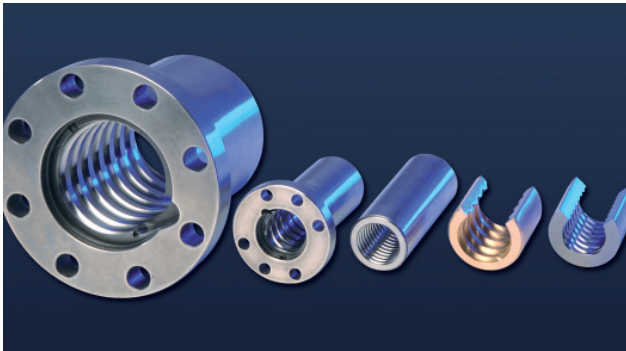
INNOVATION 200 System - Line

The internal whirling machine Innovation 200 offers the possibility to produce internal profiles with complete machining and finish quality. By using the appropriate tooling hard and soft machining is possible. The machine offers highest quality and accuracy due to the rigid design.

Performance Features

- short cycle times
- highest profile accuracy
- dynamic stiffness
- thermal stability

Workpieces



- ball-screw nuts
- internal profiles

System - Line INNOVATION 200



Technical Data

| | |
|---|--|
| Machining range | |
| Chuck diameter | 260 mm (opt. 315) |
| Workpiece length max. | 200 mm |
| Workpiece internal diameter max. | 100 mm |
| Workpiece external diameter max. | 200 mm |
| Axis travel X/Z | 850/315 mm |
| Internal whirling oscillator IWO 100 | |
| Max. power | 11 kW |
| Tool arbor | HSK 40 |
| Position sensing | with Marposs sensor and proximity switch |
| Headstock | |
| Headstock to DIN 55026 | size 8 |
| Max. speed | 4,000 rpm |
| Main drive | |
| Max. power | 58 kW |
| Full power available from shaft speed | 900 rpm |
| Max. power | 620 Nm |
| Travel drive | |
| High speed axis travel X/Z | 45/30 m/min. |
| Axis force X/Z | 11 kN |