

## Combination shell end mill arbors (DIN 6358)

In accordance with ISO 12164 (DIN 69893)

**ATORN**<sup>®</sup>

### Application

For holding shell end mills and single angle milling cutters with longitudinal groove in accordance with DIN 842.

### Version

- Alloyed case-hardening steel, tensile strength in the core at least 950 N/mm<sup>2</sup>
- Case-hardened HRc 60 ± 2 (HV 700 ± 50), hardness depth 0.8 mm ± 0.2 mm
- Taper angle tolerance quality < AT3 in accordance with DIN 7187 and DIN 2080
- All functional surfaces machined
- max. concentricity < 0.005 mm
- With hole for Balluff chip
- Internal cooling only for A-dimension 160 mm and 200 mm

### Delivery

Supplied with key, carrier ring and cutter retaining screw



<b>Art. No.</b>	<b>23160 287</b>
<b>Tool holding device</b>	HSK 100
<b>Form</b>	A
<b>Mandrel diameter</b>	22 mm
<b>Tap length</b>	31 mm
<b>Projecting length</b>	130 mm
<b>Coolant supply</b>	No
<b>Balancing quality</b>	G 2.5 at 25 rpm

### EAN-Code

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