

## Hydro expansion chuck

short slimline design

**ATORN®**

### Application

For clamping drill bits and milling tools with straight shank.

### Version

- High clamping forces
- Axial longitudinal adjustment
- High-precision centric clamping
- Outstanding absorption
- Standard tool changes as with expansion chucks without requiring additional devices
- Various applications when used with reducer bushings
- With Balluff chip hole
- Can be clamped with all common shank types

### Advantage

- High degree of torque transmission
- Good surface qualities
- Suitable for high rotation speeds
- Excellent vibration-absorbing properties
- Longer service life of cutting tools

### Delivery

Tool chuck with matching hexagon key



<b>Art. No.</b>	<b>23333 511</b>
<b>Tool holding device</b>	BT 40
<b>Clamping diameter</b>	10 mm
<b>Projecting length</b>	90 mm
<b>Outer diameter</b>	49.5 mm
<b>Length 3</b>	35 mm
<b>Clamp in depth</b>	41 mm
<b>Max. adjustment travel</b>	10 mm
<b>Form</b>	JD/JF
<b>Thread dimension</b>	M8 x 1
<b>Coolant supply</b>	Yes
<b>Concentricity tolerance</b>	0.003 mm
<b>Balancing quality</b>	G 2.5 at 25 rpm

### EAN-Code

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