

## Shrink-fit chuck, 4.5 degrees (with KKB)

With resealable coolant bores (=KKB)

**ATORN®**

### Application

For clamping cutters and drills with straight shanks in h6 tolerance. Suitable for shrinking onto inductive contact and hot air devices.

### Version

- Guaranteed maximum concentricity 0.003 mm
- For shrinking cemented carbide and HSS tools in and out
- Hardness 52 + 2 HRC
- Maximum coolant pressure 80 bar
- Adjustment travel 10 mm, can be adjusted on both sides
- 4 additional holes for fine balancing
- Hole for Balluff chip
- Resealable coolant bores
- Geometry significantly improves shock-absorption

### Advantage

- High transmittable torques
- High chip removal rate, perfect for HSC machining
- Protects spindle and machine
- Ideal for high rotation speeds
- improved surface quality



<b>Art. no.</b>	<b>23419 504</b>
<b>Tool holding device</b>	HSK 63
<b>Clamping diameter</b>	4 mm
<b>Projecting length</b>	80 mm
<b>Tapered diameter</b>	15 mm
<b>Diameter</b>	22 mm
<b>Clamp in depth</b>	28 mm
<b>Suitable for thread</b>	M6
<b>Max. adjustment travel</b>	12 mm
<b>Concentricity tolerance</b>	0.003 mm
<b>Coolant supply</b>	KKB
<b>Balancing quality</b>	G 2.5 at 25 rpm

### EAN-Code

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