

**Garant**
**Combination side lock arbor, slim, HSK-A 63 A = 160, Clamping range Ø D1: 6 mm**

**Order data**

Order number	304715 6
GTIN	4045197289544
Item class	31A

**Description**
**Version:**

- With ball-jointed clamping screw for Weldon and Whistle-Notch systems (clamping flat inclination 2°).
- With Balluffchip bore.
- All shanks hard turned (for smooth running!).
- SK mating faces machined.

**Application:**

For clamping tools with parallel shank to DIN 1835 Form B + E and DIN 6535 Form HB + HE.

**Supplied with:**

Ball-jointed clamping screw and through-drilled back stop screw.

**Optional extras:**

Coolant pipe No. 309880, coolant pipe wrench No. 309890

External Ø D: 24 mm

Ø D<sub>2</sub>: 13 mm

Ø D<sub>3</sub>: 18 mm

Reach L<sub>1</sub>: 85 mm

**Technical description**

Reach L <sub>1</sub>	85 mm
Ø D <sub>3</sub>	18 mm
Clamping Ø D <sub>1</sub>	6 mm

Ø D <sub>2</sub>	13 mm
External Ø D	24 mm
Adapter	HSK-A 63 A = 160
Arbor standard	DIN 69893
Arbor standard	ISO 12164-1
Shape	A
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HSC
Machining strategy	HPC
Type of product	Side lock arbor