

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

Order data

Order number	304715 14
GTIN	4045197289582
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: 32 mm

Ø D₂: 19 mm

Ø D₃: 24 mm

Reach L₁: 85 mm

Technical description

Clamping Ø D ₁	14 mm
Reach L ₁	85 mm
Ø D ₃	24 mm

Ø D ₂	19 mm
External Ø D	32 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