

**Garant**
**Whistle Notch arbor, HSK-A 63, Clamping range  $\varnothing$  D1: 12 mm**

**Order data**

Order number	304870 12
GTIN	4045197504838
Item class	31A

**Description**
**Version:**

- **With back stop screw.**
- **With Balluffchip bore.**

**Feature:**

The tool is firmly clamped at the side with the clamping screw and supported at the back with the back stop screw. Clamping free of play, giving low vibration running.

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**Application:**

For clamping tools with parallel shank and inclined clamping flat ( $2^\circ$ ) to DIN 1835 E and DIN 6535 HE.

Tool can be adjusted axially. Specially for clamping solid carbide drills. The length adjustment due to regrinding the ends of drills can be corrected by axial adjustment backscrew in the toolholder.

**Optional extras:**

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

Overhang dimension A: 90 mm

External  $\varnothing$  D: 42 mm

Spare clamping screw No. 30 9900: 12

**Technical description**

Clamping $\varnothing$ D <sub>1</sub>	12 mm
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Spare clamping screw No. 30 9900	12
Overhang dimension A	90 mm
External Ø D	42 mm
Adapter	HSK-A 63
Arbor standard	DIN 69893
Arbor standard	DIN 69882-5
Arbor standard	ISO 12164-1
Shape	A
Balance quality G at rotational speed	G 6.3 at 12,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HPC
Machining strategy	HSC
Type of product	Side lock arbor

## Accessories

Spare clamping screw for chucks with clamping Ø D1 12 mm	309900 12
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