

## Garant

**Shrink-fit chuck vibration-damped, with cooling channel bores, HSK-A 100 A = 160, Clamping range Ø D1: 12 mm**



### Order data

Order number	308348 12
GTIN	4062406545666
Item class	31A

### Description

#### Version:

- **High-temperature steel.**
- **Integrated length adjustment of the tools.**
- **For HSS and solid carbide tools.**
- **Shanks hard turned (smooth cutting action).**
- **With Balluffchip bore.**
- **With coolant channel bores and threads that can be sealed.**
- **With tapped holes on each side for balancing screws.**
- **Reinforced version/contour.**
- **Polished surface.**
- **Specially mounted carbide core in the shrink-fit chuck body.**

#### Advantage:

- **Vibration-damping.**
- **Better workpiece surface finish.**
- **Optimised tool life.**
- **Increased process reliability.**
- **Lower corrosion tendency due to polished surface.**

#### Application:

For clamping tools with plain shank (h6 shank tolerance). Suitable for inductive, contact and hot air shrink-fitting units.

#### Optional extras:

HSK coolant pipe No. 309880, socket wrench No. 309890, shrink-fit units No. 354210 – 304755, balancing screw set No. 309906 size 180.

Cooling channel bore: pluggable

Overhang dimension A: 160 mm  
 External Ø D: 32 mm  
 Ø D<sub>2</sub>: 24 mm  
 Ø D<sub>3</sub>: 87.7 mm  
 L<sub>2</sub>: 70 mm

## Technical description

Ø D <sub>3</sub>	87.7 mm
Ø D <sub>2</sub>	24 mm
Cooling channel bore	pluggable
Overhang dimension A	160 mm
Clamping Ø D <sub>1</sub>	12 mm
External Ø D	32 mm
L <sub>2</sub>	70 mm
Adapter	HSK-A 100 A = 160
Arbor standard	DIN 69882-6
Arbor standard	DIN 69882-6
Shape	A
Through-coolant	yes
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HPC
Machining strategy	HPC
Vibration	damped
Format	reinforced
Type of product	Shrink-fit chuck