

Garant

Shrink-fit chuck vibration-damped, with cooling channel bores, HSK-A 100 A = 120, Clamping range Ø D1: 16mm


Order data

| | |
|--------------|---------------|
| Order number | 308346 16 |
| GTIN | 4062406787301 |
| 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 RFID/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 tube No. 309880,
Socket wrench No. 309890,

Shrink-fit unit, accessories No. 354210 – 354440,
Balancing screws set No. 309906 size 180.

Technical description

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|---------------------------------------|----------------------|
| Clamping $\varnothing D_1$ | 16 mm |
| $\varnothing D_2$ | 27 mm |
| L_2 | 68 mm |
| $\varnothing D_3$ | 88 mm |
| Overhang dimension A | 120 mm |
| External $\varnothing D$ | 34 mm |
| Cooling channel bore | lockable |
| Adapter | HSK-A 100 A = 120 |
| Arbor standard | DIN 69893 |
| Arbor standard | ISO 12164-1 |
| Shape | A |
| Through-coolant | yes |
| Balance quality G at rotational speed | G 2.5 at 25,000 rpm |
| Concentricity | $\leq 3 \mu\text{m}$ |
| Machining strategy | HSC |
| Machining strategy | HPC |
| Vibration | damped |
| Type of product | Shrink-fit chuck |