

Garant

**Shrink-fit chuck vibration-damped, with cooling channel bores, SK 50 A = 160,
Clamping range Ø D1: 16mm**



Order data

| | |
|--------------|---------------|
| Order number | 302216 16 |
| GTIN | 4062406545574 |
| 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-fit units.

Optional extras:

Pull studs (PS) No. 308600 – 308800.

PS wrenches No. 308820 – 308835.

Shrink-fit chuck extensions No. 302410 – 302419.

Shrink-fit units, accessories No. 354210 – 354450.
Balancing screws set No. 309906 size 180.

Technical description

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|---------------------------------------|----------------------|
| Clamping $\varnothing D_1$ | 16 mm |
| Cooling channel bore | pluggable |
| $\varnothing D_2$ | 27 mm |
| External $\varnothing D$ | 34 mm |
| L_2 | 75.9 mm |
| $\varnothing D_3$ | 80 mm |
| Overhang dimension A | 160 mm |
| Adapter | SK 50 A = 160 |
| Arbor standard | ISO 7388-1 |
| Shape | ADB |
| 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 |