

## Garant

**Shrink-fit chuck vibration-damped, with cooling channel bores, SK 40 A = 160,  
Clamping range Ø D1: 8mm**



### Order data

|              |               |
|--------------|---------------|
| Order number | 302210 8      |
| GTIN         | 4062406545499 |
| 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

|                                       |                      |
|---------------------------------------|----------------------|
| Cooling channel bore                  | pluggable            |
| External $\varnothing$ D              | 27 mm                |
| $\varnothing$ D <sub>3</sub>          | 50 mm                |
| Clamping $\varnothing$ D <sub>1</sub> | 8 mm                 |
| L <sub>2</sub>                        | 75.9 mm              |
| $\varnothing$ D <sub>2</sub>          | 21 mm                |
| Overhang dimension A                  | 160 mm               |
| Adapter                               | SK 40 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     |