

**Garant**

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

**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 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.

Cooling channel bore: pluggable

External Ø D: 34 mm

Ø D<sub>2</sub>: 27 mm

Ø D<sub>3</sub>: 80 mm

L<sub>2</sub>: 75.9 mm

## Technical description

Clamping Ø D <sub>1</sub>	16 mm
Cooling channel bore	pluggable
Ø D <sub>2</sub>	27 mm
External Ø D	34 mm
L <sub>2</sub>	75.9 mm
Ø D <sub>3</sub>	80 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	≤ 3 µm
Machining strategy	HSC
Machining strategy	HPC
Vibration	damped
Type of product	Shrink-fit chuck