

Shrink-fit chuck vibration-damped, with cooling channel bores, SK 50 A = 160, Clamping range \varnothing 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

Clamping \varnothing D116 mmCooling channel borepluggable \varnothing D227 mmExternal \varnothing D34 mmL275.9 mm \varnothing D380 mmOverhang dimension A160 mmAdapterSK 50 A = 160Arbor standardISO 7388-1ShapeADBThrough-coolantyesBalance quality G at rotational speedG 2.5 at 25,000 rpmConcentricity \le 3 μ mMachining strategyHSC		
	Clamping Ø D ₁	16 mm
$ \begin{array}{c c} \text{External} \oslash D & 34 \text{ mm} \\ \\ \text{L}_2 & 75.9 \text{ mm} \\ \\ \varnothing \text{ D}_3 & 80 \text{ mm} \\ \\ \text{Overhang dimension A} & 160 \text{ mm} \\ \\ \text{Adapter} & \text{SK 50 A} = 160 \\ \\ \text{Arbor standard} & \text{ISO 7388-1} \\ \\ \text{Shape} & \text{ADB} \\ \\ \text{Through-coolant} & \text{yes} \\ \\ \text{Balance quality G at rotational speed} & \text{G 2.5 at 25,000 rpm} \\ \\ \text{Concentricity} & \leq 3 \mu \text{m} \\ \\ \text{Machining strategy} & \text{HSC} \\ \\ \end{array} $	Cooling channel bore	pluggable
L_2 75.9 mm Ø 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 ≤ 3 μm Machining strategy HSC	\emptyset D ₂	27 mm
	External Ø D	34 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 μ m Machining strategy HSC	L_2	75.9 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 μ m Machining strategy HSC	\varnothing D ₃	80 mm
Arbor standard ISO 7388-1 Shape ADB Through-coolant yes Balance quality G at rotational speed G 2.5 at 25,000 rpm Concentricity $\leq 3 \mu m$ Machining strategy HSC	Overhang dimension A	160 mm
ShapeADBThrough-coolantyesBalance quality G at rotational speedG 2.5 at 25,000 rpmConcentricity≤ 3 μmMachining strategyHSC	Adapter	SK 50 A = 160
Through-coolant yes Balance quality G at rotational speed G 2.5 at 25,000 rpm Concentricity ≤ 3 μm Machining strategy HSC	Arbor standard	ISO 7388-1
Balance quality G at rotational speed $G 2.5$ at 25,000 rpm $\leq 3 \mu m$ $\leq 3 \mu m$ $\leq 3 \mu m$	Shape	ADB
Concentricity ≤ 3 μm Machining strategy HSC	Through-coolant	yes
Machining strategy HSC	Balance quality G at rotational speed	G 2.5 at 25,000 rpm
3 *****37	Concentricity	≤ 3 µm
Machining strategy	Machining strategy	HSC
Machining Strategy HPC	Machining strategy	HPC
Vibration damped	Vibration	damped
Type of product Shrink-fit chuck	Type of product	Shrink-fit chuck