

Shrink-fit chuck vibration-damped, with cooling channel bores, SK 50 A = 120, Clamping range \varnothing D1: 16mm



Order data

Order number	302214 16
GTIN	4062406787202
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

L₂ 65.9 mm Clamping Ø D₁ 16 mm External Ø D 34 mm Overhang dimension A 120 mm Ø D₃ 80 mm Ø D₂ 27 mm Cooling channel bore lockable Adapter SK 50 A = 120 Arbor standard SSO 7388-1 Shape ADB Through-coolant yes Balance quality G at rotational speed G 2.5 at 25,000 rpm Concentricity $≤ 3 \mu m$ Machining strategy HPC Wibration damped Type of product Shrink-fit chuck		
External \varnothing D34 mmOverhang dimension A120 mm \varnothing D380 mm \varnothing D227 mmCooling channel borelockableAdapterSK 50 A = 120Arbor standardISO 7388-1ShapeADBThrough-coolantyesBalance quality G at rotational speedG 2.5 at 25,000 rpmConcentricity \le 3 μ mMachining strategyHPCVibrationdamped	L_2	65.9 mm
Overhang dimension A 120 mm \varnothing D_3 80 mm \varnothing D_2 27 mm Cooling channel borelockableAdapterSK 50 A = 120Arbor standardISO 7388-1ShapeADBThrough-coolantyesBalance quality G at rotational speedG 2.5 at 25,000 rpmConcentricity \le 3 μ mMachining strategyHPCVibrationdamped	Clamping Ø D₁	16 mm
	External Ø D	34 mm
\emptyset D_2 27mm Cooling channel borelockableAdapterSK 50 A = 120Arbor standardISO 7388-1ShapeADBThrough-coolantyesBalance quality G at rotational speedG 2.5 at 25,000 rpmConcentricity $\leq 3 \mu m$ Machining strategyHPCMachining strategyHPCVibrationdamped	Overhang dimension A	120 mm
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Arbor standardISO 7388-1ShapeADBThrough-coolantyesBalance quality G at rotational speedG 2.5 at 25,000 rpmConcentricity≤ 3 μmMachining strategyHPCMachining strategyHPCVibrationdamped	Cooling channel bore	lockable
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Through-coolant Balance quality G at rotational speed Concentricity Machining strategy HPC Machining strategy HPC Vibration Ves G 2.5 at 25,000 rpm HPC HPC damped	Arbor standard	ISO 7388-1
Balance quality G at rotational speed Concentricity ≤ 3 μm Machining strategy HPC Machining strategy HPC Vibration damped	Shape	ADB
Concentricity ≤ 3 μm Machining strategy HPC Machining strategy HPC Vibration damped	Through-coolant	yes
Machining strategy HPC Machining strategy HPC Vibration damped	Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Machining strategy HPC Vibration damped	Concentricity	≤ 3 µm
Vibration damped	Machining strategy	HPC
·	Machining strategy	HPC
Type of product Shrink-fit chuck	Vibration	damped
	Type of product	Shrink-fit chuck