

Garant
**Shrink-fit chuck with cooling channel bores and strengthened walls, HSK-A 63
A = 120, Clamping range Ø D1: 16 mm**

Order data

Order number	308297 16
GTIN	4045197701602
Item class	31A

Description
Version:

- High-temperature steel.
- Integral tool length adjustment, adjustment track 10 mm.
- For HSS and carbide.
- Shanks hard turned (for smooth running!).
- With Balluffchip bore
- Bead-blasted
- With cooling channel bores, tapped for plugging.

Advantage:

Optimised design. Vibration-damping effect, better workpiece surface finish, protects spindle and tool.

Application:

For clamping tools with parallel shank to h6 tolerance. Suitable for inductive, contact and hot-air shrink units.

Optional extras:

Shrink-fit chuck adaptors No. 302410 – 302416. Shrink-fit units, accessories No. 354210 – 304755.

Cooling channel bore: lockable

External Ø D: 52.5 mm

Ø D₂: 27 mm

Ø D₃: 36.9 mm

Technical description

Clamping $\varnothing D_1$	16 mm
$\varnothing D_3$	36.9 mm
$\varnothing D_2$	27 mm
External $\varnothing D$	52.5 mm
Cooling channel bore	lockable
Adapter	HSK-A 63 A = 120
Arbor standard	DIN 69893
Arbor standard	ISO 12164-1
Shape	A
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	$\leq 3 \mu\text{m}$
Machining strategy	HPC
Machining strategy	HSC
Type of product	Shrink-fit chuck

Accessories

Cooling unit Type CU1	354215 CU1
Subframe cupboard	354290
Screening plate for coil SU1 for clamping $\varnothing 12-20$ mm	354240 12-20
Cooling adapter short 4.5° for clamping $\varnothing 12,1-16$ mm	354235 12,1-16
Shrink-fit unit Type SU1	354210 SU1
Cooling adapter long 4.5° for clamping $\varnothing 12,1-16$ mm	354236 12,1-16