

Garant
**Shrink-fit chuck with cooling channel bores and strengthened walls, HSK-A 63
A = 120, Clamping range Ø D1: 8 mm**

Order data

| | |
|--------------|---------------|
| Order number | 308297 8 |
| GTIN | 4045197701572 |
| 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: 21 mm

Ø D₃: 29 mm

Technical description

| | |
|---------------------------------------|----------------------|
| Clamping $\varnothing D_1$ | 8 mm |
| $\varnothing D_2$ | 21 mm |
| $\varnothing D_3$ | 29 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

| | |
|---|-------------|
| Screening plate for coil SU1 for clamping \varnothing 6-12 mm | 354240 6-12 |
| Subframe cupboard | 354290 |
| Cooling adapter short 4.5° for clamping \varnothing 6-9 mm | 354235 6-9 |
| Cooling unit Type CU1 | 354215 CU1 |
| Cooling adapter long 4.5° for clamping \varnothing 6-9 mm | 354236 6-9 |
| Shrink-fit unit Type SU1 | 354210 SU1 |