

**Garant**

**Shrink-fit chuck with cooling channel bores and strengthened walls, HSK-A 63 short, Clamping range  $\varnothing$  D1: 6 mm**

**Order data**

Order number	308296 6
GTIN	4045197701480
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

Overhang dimension A: 70 mm

External  $\varnothing$  D: 28.8 mm

$\varnothing$  D<sub>2</sub>: 22 mm

## Technical description

Clamping $\varnothing D_1$	6 mm
Overhang dimension A	70 mm
$\varnothing D_2$	22 mm
External $\varnothing D$	28.8 mm
Cooling channel bore	lockable
Adapter	HSK-A 63 short
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
Cooling adapter short 4.5° for clamping $\varnothing$ 6-9 mm	354235 6-9
Shrink-fit unit Type SU1	354210 SU1
Screening plate for coil SU1 for clamping $\varnothing$ 6-12 mm	354240 6-12
Cooling adapter long 4.5° for clamping $\varnothing$ 6-9 mm	354236 6-9
Subframe cupboard	354290