

Garant
**Shrink-fit chuck with cooling channel bore, HSK-A 63 A = 130, Clamping range
 Ø D1: 3mm**

Order data

Order number	308196 3
GTIN	4045197646477
Item class	31A

Description
Version:

Integral length adjustment of the tool from clamping Ø D₁ 6 mm (adjustment travel 10 mm).
 From clamping Ø D₁ 6 mm with tapped holes for balancing screws.

- **High-temperature steel.**
- **Sizes 3 – 5 for carbide, from size 6 for HSS and carbide.**
- **With RFID/Balluffchip bore.**

With **cooling channel bores** tapped for plugging. Ø D1: 3 mm, 4 mm, 5 mm cannot be plugged.

GARANT: HSK mating faces machined. **All shanks hard turned (for smooth running!).**

Application:

- **For holding end mills and drills with parallel shank to h6 tolerance.**
- **Suitable for inductive, contact and hot air shrink-fit units.**

Supplied with:

For chucks with length adjustment including a length adjustment screw (from clamping Ø D₁ 6 mm).

Optional extras:

Coolant tube No. 309880, socket wrench No. 309890, shrink-fit chuck extension No. 302410 – 302416, shrink-fit units No. 354210 – 354450, balancing screw set No. 309906 180.

Technical description

Ø D ₂	12 mm
Clamping Ø D ₁	3 mm

Overhang dimension A	130 mm
External Ø D	17 mm
Cooling channel bore	lockable
Adapter	HSK-A 63 A = 130
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	≤ 3 µm
Machining strategy	HSC
Machining strategy	HPC
Type of product	Shrink-fit chuck

Accessories

Shrink-fit unit Type SU1	354210 SU1
Cooling adapter short4.5° for clamping Ø 3-5,9 mm	354235 3-5,9
Screening plate for coilSU1 for clamping Ø 3-5 mm	354240 3-5
Subframe cupboard	354290
Cooling adapter long4.5° for clamping Ø 3-5,9 mm	354236 3-5,9
Cooling unit Type CU1	354215 CU1