

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

Order data

Order number	308192 8
GTIN	4045197468598
Item class	31A

Description
Version:

From clamping Ø D₁ 6 mm with tapped holes for balancing screws.

Integral length adjustment of the tool from clamping Ø D₁ 6 mm (adjustment travel 10 mm).

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

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

With **cooling channel bores** tapped for plugging.

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	21 mm
Overhang dimension A	120 mm

Clamping $\varnothing D_1$	8 mm
External $\varnothing D$	27 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	HSC
Machining strategy	HPC
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
Subframe cupboard	354290
Screening plate for coilSU1 for clamping \varnothing 6-12 mm	354240 6-12
Shrink-fit unit Type SU1	354210 SU1
Cooling adapter long 4.5° for clamping \varnothing 6-9 mm	354236 6-9