

**Garant**
**Shrink-fit chucks with cooling channel bore, HSK-A 100 A = 130, Clamping Ø D1: 12mm**

**Order data**

Order number	308284 12
GTIN	4062406101411
Item class	31A

**Description**
**Version:**

From clamping Ø D<sub>1</sub> 6 mm with tapped holes for balancing screws.

Integral length adjustment of the tool from clamping Ø D<sub>1</sub> 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.**

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

**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 D<sub>1</sub> 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**

Overhang dimension A	130 mm
Cooling channel bore	lockable

Clamping $\varnothing D_1$	12 mm
$\varnothing D_2$	24 mm
External $\varnothing D$	32 mm
Adapter	HSK-A 100 A = 130
Arbor standard	ISO 12164-1
Arbor standard	DIN 69893
Shape	A
Through-coolant	yes
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

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## Accessories

Cooling unit Type CU1	354215 CU1
Shrink-fit unit Type SU1	354210 SU1