

**Garant**

**Shrink-fit chuck 3°, slim, HSK-A 63 A = 80, Clamping range Ø D1: 4mm**


**Order data**

Order number	308316 4
GTIN	4045197762603
Item class	31A

**Description**
**Version:**

- All shanks hard turned (for smooth running!).
- HSK mating faces machined.
- Slim design (3° contour).

**Balancing quality 2.5 / 25,000 rpm.** With RFID/Balluffchip bore.

**Application:**

- Especially in operations in tool and mould making.
- For clamping tools with shank tolerance h6.

**Optional extras:**

Coolant tube No. 309880. Socket No. 309890. Shrink-fit chuck extensions No. 302410 sizes 12/3 and 12/4. Shrink-fitting units No. 354210 – 354450.

**Technical description**

External Ø D	16 mm
Clamping Ø D <sub>1</sub>	4 mm
Ø D <sub>2</sub>	10 mm
Overhang dimension A	80 mm
Adapter	HSK-A 63 A = 80
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
Type of product	Shrink-fit chuck

## Accessories

Shrink-fit chuck extension 4.5° without length adjustment screw $\varnothing d / \varnothing D1$ 12/4 mm	302410 12/4
Shrink-fit unit Type SU1	354210 SU1
Subframe cupboard	354290
Cooling adapter long 4.5° for clamping $\varnothing 3-5,9$ mm	354236 3-5,9
Cooling adapter short 4.5° for clamping $\varnothing 3-5,9$ mm	354235 3-5,9
Cooling unit Type CU1	354215 CU1
Screening plate for coil SU1 for clamping $\varnothing 3-5$ mm	354240 3-5