

**Garant**

**Shrink-fit chuck, slim, long 4°30', HSK-A 63 A = 160, Clamping range Ø D1: 10 mm**


**Order data**

Order number	308334 10
GTIN	4045197505194
Item class	31A

**Description**
**Version:**

- External taper 4°30'.
- With Balluffchip bore.
- HSK mating faces machined.

**Application:**

- For working in places where access is difficult.
- For clamping tools with parallel shank to h6 tolerance.

**Optional extras:**

Coolant pipe No. 309880, Plug-in socket No. 309890, Shrink-fit extension No. 302410 size 12/3 and 12/4. Shrink-fit units No. 354210 – 354450. Balancing screw set No. 309906 180.

Machining strategy: HSC

External Ø D: 33 mm

Ø D<sub>2</sub>: 18 mm

**Technical description**

Clamping Ø D <sub>1</sub>	10 mm
Ø D <sub>2</sub>	18 mm
External Ø D	33 mm
Adapter	HSK-A 63 A = 160
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
Type of product	Shrink-fit chuck

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## Accessories

Cooling adapter long 4.5° for clamping Ø 9,1-12 mm	354236 9,1-12
Cooling adapter short 4.5° for clamping Ø 9,1-12 mm	354235 9,1-12
Shrink-fit unit Type SU1	354210 SU1
Screening plate for coil SU1 for clamping Ø 6-12 mm	354240 6-12
Cooling unit Type CU1	354215 CU1
Subframe cupboard	354290