

**Garant**

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


**Order data**

Order number	308337 10
GTIN	4062406243739
Item class	31A

**Description**
**Version:**

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

With cooling channel bores.

**Application:**

- For working in places where access is particularly 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-fitting units No. 354210 – 354450.

**Technical description**

Cooling channel bore	not lockable
Overhang dimension A	160 mm
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	ISO 12164-1
Arbor standard	DIN 69893
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

## Accessories

Cooling adapter long4.5° for clamping Ø 9,1-12 mm	354236 9,1-12
Screening plate for coilSU1 for clamping Ø 6-12 mm	354240 6-12
Shrink-fit unit Type SU1	354210 SU1
Cooling adapter short4.5° for clamping Ø 9,1-12 mm	354235 9,1-12
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 12/4 mm	302410 12/4
Cooling unit Type CU1	354215 CU1
Subframe cupboard	354290
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 12/3 mm	302410 12/3