

## Garant

**Shrink-fit chuck, slim, long 4°30', with cooling channel bores, HSK-A 63 A = 160, Clamping range Ø D1: 6 mm**



### Order data

Order number	308337 6
GTIN	4062406243715
Item class	31A

### Description

#### Version:

- External taper 4°30'.
- With 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-fit units No. 354210 – 354450. Balancing screw set No. 309906 180.

Machining strategy: HSC

Cooling channel bore: not lockable

External Ø D: 30 mm

Ø D<sub>2</sub>: 15 mm

### Technical description

Cooling channel bore	not lockable
Ø D <sub>2</sub>	15 mm
Clamping Ø D <sub>1</sub>	6 mm

External Ø D	30 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 unit Type CU1	354215 CU1
Cooling adapter long 4.5° for clamping Ø 6-9 mm	354236 6-9
Shrink-fit unit Type SU1	354210 SU1
Subframe cupboard	354290
Screening plate for coil SU1 for clamping Ø 6-12 mm	354240 6-12
Cooling adapter short 4.5° for clamping Ø 6-9 mm	354235 6-9
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 12/4 mm	302410 12/4
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 12/3 mm	302410 12/3