

Garant

Shrink-fit chuck, slim, long 4°30', with cooling channel bores, HSK-A 63 A = 160, Clamping range Ø D1: 12 mm

**Order data**

Order number	308337 12
GTIN	4062406243746
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: 33 mm

Ø D₂: 20 mm

Technical description

Cooling channel bore	not lockable
Ø D ₂	20 mm
External Ø D	33 mm

Clamping Ø D ₁	12 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

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