

Garant**Shrink-fit chuck with cooling channel bore, HSK-A 63 A = 160, Clamping Ø D1: 12 mm****Order data**

Order number	308206 12
GTIN	4045197943903
Item class	31A

Description**Version:**

From clamping Ø D₁ 6 mm with tapped holes for balancing screws.

Integral length adjustment of the tool from clamping Ø D₁ 6 mm (adjustment travel 10 mm).

- **High-temperature steel.**
- **Size 3 – 5 for carbide, from size 6 for HSS and carbide.**
- **With Balluffchip bores.**

With **cooling channel bores** tapped for plugging.

GARANT: HSK mating faces machined. **All shanks hard turned (for smooth running!).**

Application:

- **For holding end mills and drills with parallel shank to h6 tolerance.**
- **Suitable for inductive, contact and hot air shrink-fit units.**

Supplied with:

For chucks with length adjustment including a length adjustment screw (from clamping Ø D₁ 6 mm).

Optional extras:

Coolant tube No. 309880, socket wrench No. 309890, shrink-fit chuck extension No. 302410 – 302416, shrink-fit units No. 354210 – 354450, balancing screw set No. 309906 180.

Cooling channel bore: lockable

External Ø D: 32 mm

Ø D₂: 24 mm

Technical description

Cooling channel bore	lockable
Clamping Ø D ₁	12 mm
External Ø D	32 mm
Ø D ₂	24 mm
Adapter	HSK-A 63 A = 160
Arbor standard	ISO 12164-1
Arbor standard	DIN 69893
Shape	A
Through-coolant	yes
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HSC
Machining strategy	HPC
Type of product	Shrink-fit chuck

Accessories

Shrink-fit unit Type SU1	354210 SU1
Cooling unit Type CU1	354215 CU1