

Garant
Shrink-fit chuck, HSK-F 63 A = 120, Clamping range \varnothing D1: 12 mm

Order data

Order number	308193 12
GTIN	4045197588135
Item class	31A

Description
Version:

Integral length adjustment of the tool from clamping \varnothing 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.**

Without tapped holes for balancing screws and **without thread for coolant pipe.**

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 \varnothing 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.

External \varnothing D: 31 mm

\varnothing D₂: 24 mm

Technical description

\varnothing D ₂	24 mm
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Clamping $\varnothing D_1$	12 mm
External $\varnothing D$	31 mm
Adapter	HSK-F 63 A = 120
Arbor standard	DIN 69893
Arbor standard	ISO 12164-1
Shape	F
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	$\leq 3 \mu\text{m}$
Machining strategy	HSC
Machining strategy	HPC
Type of product	Shrink-fit chuck

Accessories

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