

Garant

**Shrink-fit chuck with cooling channel bore, nickel plated, HSK-A 63 short,
Clamping \varnothing D1: 12 mm**



Order data

Order number	308172 12
GTIN	4045197945341
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.**

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

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

Premium version: Nickel plated version with 4 pluggable **cooling channel bores.**

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.

Cooling channel bore: lockable

Overhang dimension A: 90 mm

External \varnothing D: 32 mm

\varnothing D₂: 24 mm

Technical description

Cooling channel bore	lockable
External \varnothing D	32 mm
\varnothing D ₂	24 mm
Clamping \varnothing D ₁	12 mm
Overhang dimension A	90 mm
Adapter	HSK-A 63 short
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	$\leq 3 \mu\text{m}$
Machining strategy	HSC
Machining strategy	HPC
Type of product	Shrink-fit chuck