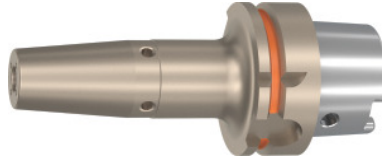


## Garant

**Shrink-fit chuck with 4 cooling channel bores, nickel-plated, HSK-A 63 A = 120, Clamping range Ø D1: 12mm**



### Order data

Order number	308194 12
GTIN	4062406786991
Item class	31A

### Description

#### Version:

- **High-temperature steel.**
- **Sizes 3 – 5 for carbide, from size 6 for HSS and carbide.**
- **With RFID/Balluffchip bore.**

Premium version: Nickel plated version with 4 pluggable **cooling channel bores**. Integral tool length adjustment (adjustment track 10 mm).

#### 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 D<sub>1</sub> 6 mm).

4 × M3 nozzle screws.

#### 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.

### Technical description

Cooling channel bore	lockable
Overhang dimension A	120 mm
Clamping Ø D <sub>1</sub>	12 mm

Ø D <sub>2</sub>	24 mm
External Ø D	32 mm
Adapter	HSK-A 63 A = 120
Arbor standard	DIN 69893
Arbor standard	ISO 12164-1
Shape	A
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HPC
Machining strategy	HPC
Type of product	Shrink-fit chuck