

**Garant**

**Shrink-fit chuck, slim, long 4°30', HSK-A 63 A = 120, Clamping range Ø D1: 12mm**


**Order data**

|              |               |
|--------------|---------------|
| Order number | 308328 12     |
| GTIN         | 4045197291790 |
| Item class   | 31A           |

**Description**
**Version:**

- External taper 4°30'.
- With RFID/Balluffchip bore.
- HSK mating faces machined.

**Application:**

- For working in places where access is 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-fitting units No. 354210 – 354450.

**Technical description**

|                           |                  |
|---------------------------|------------------|
| Overhang dimension A      | 120 mm           |
| Ø D <sub>2</sub>          | 18 mm            |
| Clamping Ø D <sub>1</sub> | 12 mm            |
| External Ø D              | 33 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                    | HSC                 |
| Type of product                       | Shrink-fit chuck    |

## Accessories

|  |               |
|--|---------------|
| Subframe cupboard                                  | 354290        |
| Cooling adapter long4.5° for clamping Ø 9,1-12 mm  | 354236 9,1-12 |
| Cooling unit Type CU1                              | 354215 CU1    |
| Shrink-fit unit Type SU1                           | 354210 SU1    |
| Cooling adapter short4.5° for clamping Ø 9,1-12 mm | 354235 9,1-12 |
| Screening plate for coilSU1 for clamping Ø 6-12 mm | 354240 6-12   |