

**Garant**
**Shrink-fit chuck, HSK-A 63 A = 160, Clamping range  $\varnothing$  D1: 25mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 308205 25     |
| GTIN         | 4045197291172 |
| Item class   | 31A           |

**Description**
**Version:**

Integral length adjustment of the tool from clamping  $\varnothing$  D<sub>1</sub> 6 mm (adjustment travel 10 mm).  
From clamping  $\varnothing$  D<sub>1</sub> 6 mm with tapped holes for balancing screws.

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

**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  $\varnothing$  D<sub>1</sub> 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.

**Technical description**

|                                       |        |
|---------------------------------------|--------|
| Clamping $\varnothing$ D <sub>1</sub> | 25 mm  |
| Overhang dimension A                  | 160 mm |
| $\varnothing$ D <sub>2</sub>          | 44 mm  |

|                                       |                     |
|---------------------------------------|---------------------|
| External Ø D                          | 53 mm               |
| Adapter                               | HSK-A 63 A = 160    |
| 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                 |
| Machining strategy                    | HPC                 |
| Type of product                       | Shrink-fit chuck    |

## Accessories

|   |                |
|---|----------------|
| Cooling unit Type CU1                               | 354215 CU1     |
| Cooling adapter short4.5° for clamping Ø 22,1-32 mm | 354235 22,1-32 |
| Cooling adapter long4.5° for clamping Ø 22,1-32 mm  | 354236 22,1-32 |
| Subframe cupboard                                   | 354290         |
| Screening plate for coilSU1 for clamping Ø 20-32 mm | 354240 20-32   |
| Shrink-fit unit Type SU1                            | 354210 SU1     |