

**Garant****Shrink-fit chuck with cooling channel bore, HSK-A 63 A = 160, Clamping Ø D1: 8 mm****Order data**

|              |               |
|--------------|---------------|
| Order number | 308206 8      |
| GTIN         | 4045197943880 |
| Item class   | 31A           |

**Description****Version:**

From clamping Ø D<sub>1</sub> 6 mm with tapped holes for balancing screws.

Integral length adjustment of the tool from clamping Ø D<sub>1</sub> 6 mm (adjustment travel 10 mm).

- **High-temperature steel.**
- **Size 3 – 5 for carbide, from size 6 for HSS and carbide.**
- **With Balluffchip bores.**

With **cooling channel bores** tapped for plugging.

**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 Ø 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.

Cooling channel bore: lockable

External Ø D: 27 mm

Ø D<sub>2</sub>: 21 mm

**Technical description**

|                                       |                     |
|---------------------------------------|---------------------|
| Cooling channel bore                  | lockable            |
| External Ø D                          | 27 mm               |
| Clamping Ø D <sub>1</sub>             | 8 mm                |
| Ø D <sub>2</sub>                      | 21 mm               |
| Adapter                               | HSK-A 63 A = 160    |
| Arbor standard                        | ISO 12164-1         |
| Arbor standard                        | DIN 69893           |
| Shape                                 | A                   |
| Through-coolant                       | yes                 |
| 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 |
| Shrink-fit unit Type SU1 | 354210 SU1 |