

**Garant****Shrink-fit chuck 3°, extra slim, HSK-E 40 A = 60, Clamping Ø D1: 3mm****Order data**

|              |               |
|--------------|---------------|
| Order number | 308321 3      |
| GTIN         | 4045197875396 |
| Item class   | 31A           |

**Description****Version:**

- All shanks hard turned (for smooth running!).
- HSK mating faces machined.
- Slim design (3° contour).

Extra-slim style.

**Balancing quality 2.5 / 40,000 rpm.****Application:**

- Especially in operations in tool and mould making.
- For clamping tools with shank tolerance h6.

**Optional extras:**

Coolant tube No. 309880. Socket No. 309890. Shrink-fit chuck extensions No. 302410 sizes 12/3 and 12/4. Shrink-fitting units No. 354210 – 354450.

**Technical description**

|                           |                 |
|---------------------------|-----------------|
| Overhang dimension A      | 60 mm           |
| Ø D <sub>2</sub>          | 6 mm            |
| External Ø D              | 10 mm           |
| Clamping Ø D <sub>1</sub> | 3 mm            |
| Adapter                   | HSK-E 40 A = 60 |
| Arbor standard            | DIN 69893       |

|                                       |                      |
|---------------------------------------|----------------------|
| Arbor standard                        | ISO 12164-1          |
| Shape                                 | E                    |
| Balance quality G at rotational speed | G 2.5 at 40,000 rpm  |
| Concentricity                         | $\leq 3 \mu\text{m}$ |
| Machining strategy                    | HSC                  |
| Type of product                       | Shrink-fit chuck     |

### Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/308321-3>