

**Garant**
**Combination face mill adapter, HSK-A 63 short, Spigot Ø d1: 40 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 306110 40     |
| GTIN         | 4045197589828 |
| Item class   | 31A           |

**Description**
**Version:**

With Balluffchip bore. HSK mating faces machined.

**Application:**

For clamping shell end mills and milling cutter heads with longitudinal or transverse groove.

**Supplied with:**

Drive key, face mill drive ring, and lock screw.

**Optional extras:**

Coolant pipe No. 309880, plug-in socket No. 309890, special toggle spanner No. 309840.

Overhang dimension A: 70 mm

External Ø D: 70 mm

Milling mandrel length L<sub>3</sub> with drive ring: 27 mm

Milling mandrel length L<sub>4</sub>: 41 mm

Spare milling cutter lock screw No. 309860: 40

Spare drive ring No. 309870: 40

**Technical description**

|   |       |
|---|-------|
| Milling mandrel length L <sub>3</sub> with drive ring | 27 mm |
| Spare drive ring No. 309870                           | 40    |
| Overhang dimension A                                  | 70 mm |
| Spare milling cutter lock screw No. 309860            | 40    |

|                                       |                       |
|---------------------------------------|-----------------------|
| Suitable toggle spanner No. 309840    | 40                    |
| Spigot $\varnothing d_1$              | 40 mm                 |
| Milling mandrel length $L_4$          | 41 mm                 |
| External $\varnothing D$              | 70 mm                 |
| Adapter                               | HSK-A 63 short        |
| Arbor standard                        | DIN 69882-3           |
| Arbor standard                        | ISO 12164-1           |
| Arbor standard                        | DIN 69893             |
| Shape                                 | A                     |
| Balance quality G at rotational speed | G 2.5 at 25,000 rpm   |
| Concentricity                         | $\leq 6 \mu\text{m}$  |
| Machining strategy                    | HPC                   |
| Type of product                       | Milling cutter spigot |

## Accessories

|   |           |
|---|-----------|
| Toggle spanner for mandrel $\varnothing 40$ mm            | 309840 40 |
| Milling cutter lock screw for mandrel $\varnothing 40$ mm | 309860 40 |
| Face mill drive ring for mandrel $\varnothing 40$ mm      | 309870 40 |