

**Garant**
**Combination face mill adapter, HSK-A 63 short, Spigot Ø d1: 16 mm**

**Order data**

Order number	306110 16
GTIN	4045197289841
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: 60 mm

External Ø D: 32 mm

Milling mandrel length L<sub>3</sub> with drive ring: 17 mm

Milling mandrel length L<sub>4</sub>: 27 mm

Spare milling cutter lock screw No. 309860: 16

Spare drive ring No. 309870: 16

**Technical description**

Spigot Ø d <sub>1</sub>	16 mm
Overhang dimension A	60 mm
Spare drive ring No. 309870	16
Milling mandrel length L <sub>3</sub> with drive ring	17 mm

Milling mandrel length L <sub>4</sub>	27 mm
Spare milling cutter lock screw No. 309860	16
Suitable toggle spanner No. 309840	16
External Ø D	32 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	≤ 6 µm
Machining strategy	HPC
Type of product	Milling cutter spigot

## Accessories

Toggle spanner for mandrel Ø 16 mm	309840 16
Milling cutter lock screw for mandrel Ø 16 mm	309860 16
Face mill drive ring for mandrel Ø 16 mm	309870 16