

**Garant**
**Combination face mill adapter, HSK-A 63 A = 160, Spigot Ø d1: 27 mm**

**Order data**

Order number	306170 27
GTIN	4045197289940
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.

External Ø D: 48 mm

Milling mandrel length L<sub>3</sub> with drive ring: 21 mm

Milling mandrel length L<sub>4</sub>: 33 mm

Spare milling cutter lock screw No. 309860: 27

Spare drive ring No. 309870: 27

Suitable toggle spanner No. 309840: 27

**Technical description**

Spigot Ø d <sub>1</sub>	27 mm
Milling mandrel length L <sub>3</sub> with drive ring	21 mm
Spare milling cutter lock screw No. 309860	27
Spare drive ring No. 309870	27

Suitable toggle spanner No. 309840	27
Milling mandrel length L <sub>4</sub>	33 mm
External Ø D	48 mm
Adapter	HSK-A 63 A = 160
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

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## Accessories

Toggle spanner for mandrel Ø 27 mm	309840 27
Face mill drive ring for mandrel Ø 27 mm	309870 27
Milling cutter lock screw for mandrel Ø 27 mm	309860 27