

**Garant**
**Combination face mill adapter, HSK-A 63 short, Spigot Ø d1: 32mm**

**Order data**

Order number	306110 32
GTIN	4045197289872
Item class	31A

**Description**
**Version:**

With RFID/Balluffchip bore. HSK mating faces machined.

**Application:**

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

**Supplied with:**

Including drive key, face mill drive ring, and milling cutter lock screw No. 309860.

**Optional extras:**

Coolant tube No. 309880, socket wrench No. 309890, toggle spanner No. 309840, milling cutter lock screw for internal coolant supply No. 309861.

**Note:**

Internal cooling available only with suitable tightening screw No. 309861.

**Technical description**

Suitable toggle spanner No. 309840	32
Overhang dimension A	60 mm
Spigot Ø d <sub>1</sub>	32 mm
Milling mandrel length L <sub>4</sub>	38 mm
Spare drive ring No. 309870	32
Milling mandrel length L <sub>3</sub> with drive ring	24 mm

External Ø D	58 mm
Spare milling cutter lock screw No. 309860 / 309861	32
Clamping Ø D <sub>1</sub>	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

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## Accessories

Milling cutter lock screw for mandrel Ø 32 mm	309860 32
Face mill drive ring for mandrel Ø 32 mm	309870 32