

**Garant**
**Combination face mill adapter, HSK-A 63 A = 100, Spigot Ø d1: 22 mm**

**Order data**

Order number	306130 22
GTIN	4045197289896
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: 40 mm

Milling mandrel length L<sub>3</sub> with drive ring: 19 mm

Milling mandrel length L<sub>4</sub>: 31 mm

Spare milling cutter lock screw No. 309860: 22

Spare drive ring No. 309870: 22

Suitable toggle spanner No. 309840: 22

**Technical description**

Spare drive ring No. 309870	22
Spare milling cutter lock screw No. 309860	22
Milling mandrel length L <sub>3</sub> with drive ring	19 mm
Suitable toggle spanner No. 309840	22

Milling mandrel length $L_4$	31 mm
Spigot $\varnothing d_1$	22 mm
External $\varnothing D$	40 mm
Adapter	HSK-A 63 A = 100
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 $\varnothing 22$ mm	309840 22
Face mill drive ring for mandrel $\varnothing 22$ mm	309870 22
Milling cutter lock screw for mandrel $\varnothing 22$ mm	309860 22