

## Garant

**High-Performance face mill arbor vibration-damped, cylindrical, with cooling channel bores, HSK-A 63 A = 200, Spigot Ø d1: 22 mm**



### Order data

Order number	306692 22
GTIN	4045197945860
Item class	31H

### Description

#### Version:

- **Shank, spigot, and all contact surfaces are ground at the collar.**
- **With Balluffchip bore.**
- **Increased collar contact surface.**

#### Advantage:

The heavy metal core specially matched to the arbors gives optimum machining results even with long overhangs:

- **Saves time, because allows use of the maximum machining parameters.**
- **Smooth running and thus perfect surface quality results.**
- **Saves costs, because tool life is increased.**
- **Less vibrational stress on the machine headstock.**

#### Supplied with:

Cutter lock screw and drive dog.

#### Optional extras:

Special coolant pipe wrench No. 309840, coolant pipe No. 309880.

#### Note:

Balance quality G 6.3 dependent on the maximum operating speed.

External Ø D: 48 mm

Milling mandrel length  $L_4$ : 19 mm

maximum speed  $n_{max}$ : 8000 rpm

### Technical description

Spigot $\varnothing d_1$	22 mm
Milling mandrel length $L_4$	19 mm
External $\varnothing D$	48 mm
maximum speed $n_{\max}$	8000 rpm
Adapter	HSK-A 63 A = 200
Standard	DIN 6357
Arbor standard	DIN 69882-3
Arbor standard	DIN 69893
Arbor standard	ISO 12164-1
Shape	A
Concentricity	$\leq 5 \mu\text{m}$
Machining strategy	HPC
Vibration	damped
Type of product	Milling head arbor