

## Garant

**High-Performance face mill arbor vibration-damped, cylindrical with cooling channel bores, SK 40 A = 300, Spigot Ø d1: 22mm**



### Order data

|              |               |
|--------------|---------------|
| Order number | 301102 22     |
| GTIN         | 4045197946089 |
| Item class   | 31H           |

### Description

#### Version:

- Taper shank, spigot, and all contact surfaces are ground at the collar.
- With RFID / Balluffchip bore.
- Larger collar contact face.

#### 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:

Pull studs (PS) No. 308600 – 308806, PS wrenches No. 308820 – 308835, Special toggle spanner No. 309840. Milling cutter lock screws No. 309860; 309861.

#### Note:

Balance quality G 6.3 dependent on the maximum operating speed.  
Further sizes on request.

### Technical description

|                         |                        |
|-------------------------|------------------------|
| maximum speed $n_{max}$ | 3500 min <sup>-1</sup> |
| External Ø D            | 48 mm                  |

|                                       |                      |
|---------------------------------------|----------------------|
| Milling mandrel length $L_4$          | 19 mm                |
| Overhang dimension A                  | 300 mm               |
| Spigot $\varnothing d_1$              | 22 mm                |
| Clamping $\varnothing D_1$            | 22 mm                |
| Adapter                               | SK 40 A = 300        |
| Standard                              | DIN 6357             |
| Arbor standard                        | ISO 7388-1           |
| Shape                                 | AD                   |
| Balance quality G at rotational speed | G 6.3 at 8,000 rpm   |
| Concentricity                         | $\leq 5 \mu\text{m}$ |
| Machining strategy                    | HPC                  |
| Vibration                             | damped               |
| Type of product                       | Milling head arbor   |