

**Garant**

**High-Performance face mill arbor vibration-damped, cylindrical, with cooling channel bores, HSK-A 100 A = 300, Spigot Ø d1: 22mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 306698 22     |
| GTIN         | 4045197946034 |
| Item class   | 31H           |

**Description****Version:**

- **Taper shank, spigot, and all contact surfaces are ground at the collar.**
- **With Balluff/RFID chip 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.

**Technical description**

|                                       |        |
|---------------------------------------|--------|
| Milling mandrel length L <sub>4</sub> | 19 mm  |
| Overhang dimension A                  | 300 mm |

|                                |                        |
|--------------------------------|------------------------|
| External Ø D                   | 48 mm                  |
| Spigot Ø d <sub>1</sub>        | 22 mm                  |
| maximum speed n <sub>max</sub> | 6000 min <sup>-1</sup> |
| Clamping Ø D <sub>1</sub>      | 22 mm                  |
| Adapter                        | HSK-A 100 A = 300      |
| Standard                       | DIN 6357               |
| Arbor standard                 | DIN 69882-3            |
| Arbor standard                 | DIN 69893              |
| Arbor standard                 | ISO 12164-1            |
| Shape                          | A                      |
| Concentricity                  | ≤ 5 µm                 |
| Machining strategy             | HPC                    |
| Vibration                      | damped                 |
| Type of product                | Milling head arbor     |