

**Garant**
**Combination face mill adapter Form ADB, SK 50 A = 160, Spigot Ø d1: 22mm**

**Order data**

Order number	300990 22
GTIN	4045197285508
Item class	31A

**Description**
**Version:**

Taper shank, spigot, and all contact surfaces are ground at the collar. With Balluff/RFID chip bore.  
**GARANT** –All shanks hard turned (for smooth cutting action!).

**Application:**

- **With drive key for mills with longitudinal keyway, e. g. DIN 841.**
- **With face mill drive ring for face mills with cross keyway, DIN 1880 and cutter heads to DIN 1830.**

**Supplied with:**

Drive key, face mill drive ring, and lock screw.

**Optional extras:**

Pull studs (PS) No. 308600 – 308806, PS wrenches No. 308820 – 308835, Special toggle spanner No. 309840.

**Note:**

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

**Technical description**

Overhang dimension A	160 mm
Milling mandrel length L <sub>3</sub> with drive ring	19 mm
Suitable toggle spanner No. 309840	22
Milling mandrel length L <sub>4</sub>	31 mm
Spigot Ø d <sub>1</sub>	22 mm

Spare drive ring No. 309870	22
External Ø D	40 mm
Spare milling cutter lock screw No. 309860 / 309861	22
Clamping Ø D <sub>1</sub>	22 mm
Adapter	SK 50 A = 160
Standard	DIN 6358
Arbor standard	ISO 7388-1
Shape	ADB
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 5 µm
Machining strategy	HPC
Type of product	Milling cutter spigot

## Accessories

Pull stud 60°sealed suitable for steep tapers 50	308785 50
Special pull stud with no internal threadsealed suitable for steep tapers 50	308720 50
Face mill drive ring for mandrel Ø 22 mm	309870 22
Wrench for pull studsISO 7388 suitable for ISO taper size 50	308830 50
Pull studsealed suitable for steep tapers 50	308660 50
Pull studsealed, form A suitable for steep tapers 50	308610 50
Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50
Milling cutter lock screw for mandrel Ø 22 mm	309860 22
Pull stud 45°sealed suitable for steep tapers 50	308760 50
Pull stud 90°sealed suitable for steep tapers 50	308790 50
Pull studForm A suitable for steep tapers 50	308600 50
Pull studForm B suitable for steep tapers 50	308640 50

Pull stud 45°sealed suitable for steep tapers 50	308765 50
Pull studsealed, form B suitable for steep tapers 50	308650 50
Special pull stud with internal thread suitable for steep tapers 50	308740 50
Toggle spanner for mandrel Ø 50 mm	309840 50
Pull stud 90°sealed suitable for steep tapers 50	308795 50
Pull studsealed, form B suitable for steep tapers 50	308620 50
Milling cutter lock screw for mandrel Ø 50 mm	309860 50
Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 50	308615 50
Pull stud, 18CrNiMo7Form A suitable for steep tapers 50	308605 50
Toggle spanner for mandrel Ø 22 mm	309840 22