

**Garant**
**Combination face mill adapter Form ADB, SK 50 A = 160, Spigot Ø d1: 40 mm**


## Order data

Order number	300990 40
GTIN	4045197285539
Item class	31A

## Description

### Version:

Taper shank, spigot, and all contact surfaces ground at the collar. With Balluffchip 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.

External Ø D: 70 mm

Milling mandrel length L<sub>3</sub> with drive ring: 27 mm

Milling mandrel length L<sub>4</sub>: 41 mm

Spare milling cutter lock screw No. 309860 / 309861: 40

Spare drive ring No. 309870: 40

Suitable toggle spanner No. 309840: 40

## Technical description

Milling mandrel length L <sub>3</sub> with drive ring	27 mm
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Spare drive ring No. 309870	40
Spigot $\varnothing d_1$	40 mm
Suitable toggle spanner No. 309840	40
Milling mandrel length $L_4$	41 mm
External $\varnothing D$	70 mm
Spare milling cutter lock screw No. 309860 / 309861	40
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	$\leq 5 \mu\text{m}$
Machining strategy	HPC
Type of product	Milling cutter spigot

## Accessories

Milling cutter lock screw for mandrel $\varnothing 50$ mm	309860 50
Pull stud Form B suitable for steep tapers 50	308640 50
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 50	308810 50
Pull stud 45° sealed suitable for steep tapers 50	308765 50
Pull stud 90° sealed suitable for steep tapers 50	308790 50
Pull stud 60° sealed suitable for steep tapers 50	308785 50
Pull stud 90° sealed suitable for steep tapers 50	308795 50
Special pull stud with no internal thread sealed suitable for steep tapers 50	308700 50
Pull stud sealed, form B suitable for steep tapers 50	308650 50
Pull stud sealed, form A suitable for steep tapers 50	308610 50

Face mill drive ring for mandrel Ø 40 mm	309870 40
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50
Pull stud 45° sealed suitable for steep tapers 50	308760 50
Toggle spanner for mandrel Ø 50 mm	309840 50
Wrench for pull studs ISO 7388 suitable for ISO taper size 50	308830 50
Toggle spanner for mandrel Ø 40 mm	309840 40
Special pull stud with no internal thread sealed suitable for steep tapers 50	308720 50
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 50	308615 50
Milling cutter lock screw for mandrel Ø 40 mm	309860 40
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 50	308605 50
Torque insert for Pull studs to ISO 7388 suitable for ISO taper size 50	308812 50
Pull stud Form A suitable for steep tapers 50	308600 50
Special pull stud with internal thread suitable for steep tapers 50	308740 50
Pull stud sealed suitable for steep tapers 50	308660 50
Pull stud sealed, form B suitable for steep tapers 50	308620 50