

**Garant**
**ER collet chuck Form ADB, SK 50 A = 70, for ER collets: 40 ER**

**Order data**

Order number	300550 40
GTIN	4045197284877
Item class	31A

**Description**
**Version:**

Taper ground internally and externally. With Balluffchip bore.

**GARANT –**

- **Balancing quality G2.5 / 25,000 rpm**
- **All shanks hard turned (for smooth running!).**
- **GARANT precision clamping nut, fine balanced (G 2.5 / 25,000 rpm) and coated, giving high clamping force and low wear.**
- **Through bored.**

**Application:**

For clamping tools with plain shank in collets to DIN 6499 - Form A and B.

**Supplied with:**

Clamping nut.

**Optional extras:**

Pull studs (PS) No. 308600 – 308806, PS pull stud wrenches No.308820 – 308835, ER chuck key No. 309680 – 613300, ER collets No. 308901 – 309449, ER clamping nuts No. 309615 (for sealing rings), sealing rings No. 309625 – 309645 (for No. 309615).

Machining strategy: HSC

Clamping range: 3 - 26 mm

External Ø D: 63 mm

Spare GARANT high-speed clamping nut No. 309610: 40

Spare HOLEX nut No. 309580: 40

## Technical description

Spare HOLEX nut No. 309580	40
Spare GARANT high-speed clamping nut No. 309610	40
Clamping range	3 - 26 mm
for ER collets	40
External Ø D	63 mm
Adapter	SK 50 A = 70
Arbor standard	ISO 7388-1
Arbor standard	DIN 69871
Shape	ADB
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HSC
Type of product	Collet chuck

## Accessories

ER collet Nominal clamping Ø d 22 mm	308990 22
Pull stud sealed, form B suitable for steep tapers 50	308650 50
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 11 mm	309449 11
ER collet Nominal clamping Ø d 8 mm	308990 8
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309434 6
ER collet HP with seal and spray nozzles Nominal clamping Ø d 12 mm	309381 12
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 10 mm	309434 10

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 16 mm	309449 16
ER collet Nominal clamping Ø d 5 mm	308990 5
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 9 mm	309449 9
ER collet Nominal clamping Ø d 20 mm	309040 20
ER collet with seal Nominal clamping Ø d 14 mm	308992 14
ER collet set 23 pieces 4–26 mm	309028
ER collet for machine taps with seal Nominal clamping Ø d 16 mm	309419 16
ER collet Nominal clamping Ø d 6 mm	308990 6
ER collet set 23 pieces 4–26 mm	309320
ER collet HP Nominal clamping Ø d 3 mm	309379 3
ER collet for machine taps with seal Nominal clamping Ø d 14 mm	309419 14
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 7 mm	309449 7
ER collet HP with seal and spray nozzles Nominal clamping Ø d 20 mm	309381 20
ER collet Nominal clamping Ø d 20 mm	308990 20
ER collet Nominal clamping Ø d 24 mm	309040 24
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 8 mm	309449 8
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 12 mm	309449 12
ER collet Nominal clamping Ø d 15 mm	309040 15
ER collet with seal Nominal clamping Ø d 25 mm	308992 25
ER collet HP with seal and spray nozzles Nominal clamping Ø d 16 mm	309381 16
ER clamping nut High Speed for ER 40	309610 40
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 50	308615 50
ER collet HP Nominal clamping Ø d 19 mm	309379 19

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm	309449 6
ER collet with seal Nominal clamping Ø d 12 mm	308992 12
ER collet HP Nominal clamping Ø d 15 mm	309379 15
ER collet Nominal clamping Ø d 10 mm	308990 10
ER collet with seal Nominal clamping Ø d 22 mm	308992 22
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309434 9
Special pull stud with no internal thread sealed suitable for steep tapers 50	308720 50
ER collet HP with seal Nominal clamping Ø d 16 mm	309380 16
ER collet Nominal clamping Ø d 18 mm	308990 18
ER collet Nominal clamping Ø d 12 mm	308990 12
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 16 mm	309434 16
ER collet HP with seal Nominal clamping Ø d 22 mm	309380 22
Torque insert for Pull studs to SO 7388 suitable for steep tapers 50 SK	308812 50
ER collet Nominal clamping Ø d 22 mm	309040 22
ER collet Nominal clamping Ø d 23 mm	308990 23
ER collet with seal Nominal clamping Ø d 18 mm	308992 18
ER collet Nominal clamping Ø d 19 mm	309040 19
ER collet Nominal clamping Ø d 4 mm	309040 4
ER collet HP with seal Nominal clamping Ø d 25 mm	309380 25
ER collet HP with seal Nominal clamping Ø d 12 mm	309380 12
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309419 6
ER collet HP Nominal clamping Ø d 25 mm	309379 25
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 14 mm	309449 14
ER collet with seal Nominal clamping Ø d 6 mm	308992 6
ER collet HP with seal Nominal clamping Ø d 8 mm	309380 8

ER collet Nominal clamping Ø d 15 mm	308990 15
ER collet Nominal clamping Ø d 13 mm	309040 13
ER collet HP Nominal clamping Ø d 21 mm	309379 21
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 10 mm	309449 10
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309419 9
ER collet HP Nominal clamping Ø d 24 mm	309379 24
ER collet Nominal clamping Ø d 5 mm	309040 5
ER collet Nominal clamping Ø d 6 mm	309040 6
Pull stud 90° sealed suitable for steep tapers 50	308795 50
ER collet Nominal clamping Ø d 16 mm	308990 16
ER collet HP Nominal clamping Ø d 22 mm	309379 22
ER clamping nut for ER 40	309580 40
Pull stud sealed, form B suitable for steep tapers 50	308620 50
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 14 mm	309434 14
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 12 mm	309434 12
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309419 7
ER collet HP Nominal clamping Ø d 8 mm	309379 8
ER collet Nominal clamping Ø d 11 mm	309040 11
ER collet for machine taps with seal Nominal clamping Ø d 20 mm	309419 20
ER collet Nominal clamping Ø d 17 mm	308990 17
ER collet HP Nominal clamping Ø d 11 mm	309379 11
ER collet for machine taps with seal Nominal clamping Ø d 22 mm	309419 22
ER collet HP Nominal clamping Ø d 18 mm	309379 18
ER plain bearing clamping nut for ER 40	309612 40
	309449 4

ET collet with radial compensation for tapping and reaming Nominal clamping  $\varnothing$  d 4 mm

ER collet HP with seal Nominal clamping $\varnothing$ d 10 mm	309380 10
Wrench for pull studs ISO 7388 suitable for steep tapers 50 SK	308830 50
ER collet HP Nominal clamping $\varnothing$ d 4 mm	309379 4
ER collet with seal Nominal clamping $\varnothing$ d 16 mm	308992 16
Pull stud stud sealed, form A suitable for steep tapers 50	308610 50
Pull stud Form A suitable for steep tapers 50	308600 50
ER collet HP Nominal clamping $\varnothing$ d 10 mm	309379 10
ER collet HP with seal Nominal clamping $\varnothing$ d 14 mm	309380 14
ER collet Nominal clamping $\varnothing$ d 26 mm	309040 26
Special pull stud with no internal thread sealed suitable for steep tapers 50	308700 50
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 25 mm	309419 25
ER collet with seal Nominal clamping $\varnothing$ d 8 mm	308992 8
ER collet HP Nominal clamping $\varnothing$ d 14 mm	309379 14
ER collet Nominal clamping $\varnothing$ d 8 mm	309040 8
ER collet Nominal clamping $\varnothing$ d 10 mm	309040 10
ER collet Nominal clamping $\varnothing$ d 13 mm	308990 13
Pull stud 60° sealed suitable for steep tapers 50	308785 50
Torque insert for Pull studs to DIN 69872 suitable for steep tapers 50 SK	308810 50
ER collet HP Nominal clamping $\varnothing$ d 5 mm	309379 5
ER collet HP Nominal clamping $\varnothing$ d 20 mm	309379 20
ER collet Nominal clamping $\varnothing$ d 18 mm	309040 18
ER collet Nominal clamping $\varnothing$ d 19 mm	308990 19
ER collet Nominal clamping $\varnothing$ d 7 mm	309040 7
ER collet Nominal clamping $\varnothing$ d 7 mm	308990 7
ER collet Nominal clamping $\varnothing$ d 25 mm	308990 25

Pull stud Form B suitable for steep tapers 50	308640 50
ER collet for machine taps with seal Nominal clamping Ø d 18 mm	309419 18
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4,5 mm	309449 4,5
ER collet HP with seal Nominal clamping Ø d 18 mm	309380 18
ER collet HP Nominal clamping Ø d 26 mm	309379 26
ER collet for machine taps with seal Nominal clamping Ø d 11 mm	309419 11
ER collet HP Nominal clamping Ø d 13 mm	309379 13
ER collet HP Nominal clamping Ø d 7 mm	309379 7
ER collet Nominal clamping Ø d 21 mm	308990 21
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 50	308605 50
ER collet Nominal clamping Ø d 9 mm	309040 9
ER collet HP Nominal clamping Ø d 9 mm	309379 9
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for steep tapers 50 SK	308820 50
ER collet with seal Nominal clamping Ø d 10 mm	308992 10
ER collet HP with seal Nominal clamping Ø d 6 mm	309380 6
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 5 mm	309449 5
ER collet HP with seal and spray nozzles Nominal clamping Ø d 10 mm	309381 10
ER collet HP Nominal clamping Ø d 12 mm	309379 12
ER collet HP Nominal clamping Ø d 6 mm	309379 6
ER collet Nominal clamping Ø d 17 mm	309040 17
ER collet HP with seal Nominal clamping Ø d 20 mm	309380 20
ER collet Nominal clamping Ø d 24 mm	308990 24
Pull stud 45° sealed suitable for steep tapers 50	308760 50
Special pull stud with internal thread suitable for steep tapers 50	308740 50
ER collet Nominal clamping Ø d 14 mm	309040 14

ER collet Nominal clamping Ø d 11 mm	308990 11
Pull stud 90° sealed suitable for steep tapers 50	308790 50
ER collet with seal Nominal clamping Ø d 20 mm	308992 20
ER collet Nominal clamping Ø d 4 mm	308990 4
ER collet Nominal clamping Ø d 12 mm	309040 12
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309434 8
Pull stud sealed suitable for steep tapers 50	308660 50
ER collet Nominal clamping Ø d 14 mm	308990 14
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309419 8
ER collet HP Nominal clamping Ø d 16 mm	309379 16
ER collet HP with seal and spray nozzles Nominal clamping Ø d 25 mm	309381 25
ER clamping nut for precision collet chucks for ER 40	309617 40
ER collet Nominal clamping Ø d 9 mm	308990 9
ER collet Nominal clamping Ø d 23 mm	309040 23
ER collet Nominal clamping Ø d 26 mm	308990 26
ER collet for machine taps with seal Nominal clamping Ø d 12 mm	309419 12
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309419 10
ER collet Nominal clamping Ø d 21 mm	309040 21
ER collet HP Nominal clamping Ø d 23 mm	309379 23
ER collet Nominal clamping Ø d 25 mm	309040 25
Pull stud 45° sealed suitable for steep tapers 50	308765 50
ER collet HP Nominal clamping Ø d 17 mm	309379 17
ER chuck key for ER collet chuck 40	309680 40
ER collet Nominal clamping Ø d 16 mm	309040 16