

**Garant**
**ER collet chuck Form ADB, SK 40 A = 70, for ER collet size: 25 ER**

**Order data**

Order number	300470 25
GTIN	4045197284655
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: 1 - 16 mm

External Ø D: 42 mm

Spare GARANT high-speed clamping nut No. 309610: 25

Spare HOLEX nut No. 309580: 25

## Technical description

for ER collets	25
Spare HOLEX nut No. 309580	25
Clamping range	1 - 16 mm
Spare GARANT high-speed clamping nut No. 309610	25
External Ø D	42 mm
Adapter	SK 40 A = 70
Arbor standard	ISO 7388-1
Shape	ADB
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HSC
Balluffchip bore	yes
Type of product	Collet chuck

## Accessories

ER collet Nominal clamping Ø d 13 mm	308941 13
ER collet Nominal clamping Ø d 7 mm	308941 7
ER collet HP with seal Nominal clamping Ø d 16 mm	309374 16
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309409 9
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm	309447 6
ER clamping nut High Speed for ER 25	309610 25
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309430 7
ER collet HP with seal Nominal clamping Ø d 8 mm	309374 8

Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 40	308810 40
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
Pull stud sealed suitable for steep tapers 40	308635 40
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 8 mm	309447 8
ER collet Nominal clamping Ø d 12 mm	308960 12
ER collet for machine taps with seal Nominal clamping Ø d 16 mm	309409 16
ER clamping nut for HiRunER collet chucks for ER 25	309617 25
ER collet with seal Nominal clamping Ø d 9 mm	308946 9
ER clamping nut for HiRunER collet chucks for ER 40	309617 40
Pull stud stud sealed, form A suitable for steep tapers 40	308610 40
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309430 8
ER collet with seal Nominal clamping Ø d 15 mm	308946 15
ER collet with seal and spray nozzles Nominal clamping Ø d 13 mm	308962 13
ER collet with seal and spray nozzles Nominal clamping Ø d 4 mm	308962 4
ER collet for machine taps with seal Nominal clamping Ø d 11 mm	309409 11
ER collet Nominal clamping Ø d 6 mm	308960 6
ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm	308962 10
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 7 mm	309447 7
ER collet Nominal clamping Ø d 4 mm	308960 4
ER collet Nominal clamping Ø d 15 mm	308960 15
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
	309430 2,8

ET collet for thread tapping, with axial compensation  
Nominal clamping Ø d 2,8 mm

ER collet Nominal clamping Ø d 10 mm	308941 10
ER collet Nominal clamping Ø d 2 mm	308960 2
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 5 mm	309447 5
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309411 4,5
ER collet with seal Nominal clamping Ø d 16 mm	308946 16
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309409 8
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309409 6
Pull stud Mazak sealed, form A suitable for steep tapers 40M	308670 40M
ER collet Nominal clamping Ø d 3 mm	308941 3
ER collet with seal Nominal clamping Ø d 15 mm	308959 15
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 8 mm	309413 8
ER collet Nominal clamping Ø d 5 mm	308941 5
ER collet HP with seal Nominal clamping Ø d 9 mm	309374 9
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 7 mm	309413 7
Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40	308801 40
ER collet Nominal clamping Ø d 7 mm	308960 7
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4,5 mm	309447 4,5
ER collet set 7 pieces 4–16 mm with seal	309022
ER collet HP with seal Nominal clamping Ø d 10 mm	309374 10
Pull stud sealed suitable for steep tapers 40	308660 40
ER collet with seal and spray nozzles Nominal clamping Ø d 15 mm	308962 15

Pull stud sealed, form B suitable for steep tapers 40	308620 40
ER collet HP Nominal clamping Ø d 2 mm	309373 2
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309411 8
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 11 mm	309413 11
Pull stud Form A suitable for steep tapers 40	308600 40
ER collet Nominal clamping Ø d 11 mm	308941 11
ER collet with seal Nominal clamping Ø d 8 mm	308959 8
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309409 7
ER collet with seal Nominal clamping Ø d 7 mm	308959 7
ER collet Nominal clamping Ø d 13 mm	308960 13
ER collet Nominal clamping Ø d 2 mm	308941 2
ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm	308962 3
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309430 6
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309409 4,5
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 4,5 mm	309413 4,5
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309411 9
ER collet with seal Nominal clamping Ø d 10 mm	308959 10
ER collet HP with seal Nominal clamping Ø d 5 mm	309374 5
ER clamping nut for ER 25	309580 25
ER collet HP Nominal clamping Ø d 10 mm	309373 10
ER collet HP Nominal clamping Ø d 3 mm	309373 3
Pull stud 45° sealed suitable for steep tapers 40	308760 40
ER collet HP with seal Nominal clamping Ø d 11 mm	309374 11
	309375 10

ER collet HP with seal and spray nozzles Nominal clamping Ø d 10 mm	
ER collet HP with seal and spray nozzles Nominal clamping Ø d 12 mm	309375 12
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 12 mm	309413 12
ER collet Nominal clamping Ø d 12 mm	308941 12
ER collet HP Nominal clamping Ø d 12 mm	309373 12
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
ER collet for machine taps with seal Nominal clamping Ø d 14 mm	309409 14
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	308962 7
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 10 mm	309413 10
ER collet with seal Nominal clamping Ø d 13 mm	308946 13
ER collet Nominal clamping Ø d 3 mm	308960 3
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 9 mm	309413 9
ER collet HP with seal and spray nozzles Nominal clamping Ø d 8 mm	309375 8
ER collet Nominal clamping Ø d 15 mm	308941 15
ER clamping nut for ER 40	309580 40
ER collet HP Nominal clamping Ø d 13 mm	309373 13
ER collet set 15 pieces 2–16 mm	309240
ER collet HP Nominal clamping Ø d 11 mm	309373 11
ER collet Nominal clamping Ø d 8 mm	308960 8
ER plain bearing clamping nut for ER 40	309612 40
ER collet with seal and spray nozzles Nominal clamping Ø d 9 mm	308962 9
ER collet with seal Nominal clamping Ø d 3 mm	308946 3
ER collet Nominal clamping Ø d 14 mm	308941 14

Special pull stud with no internal thread sealed suitable for steep tapers 40	308700 40
ER collet with seal Nominal clamping Ø d 14 mm	308959 14
ER collet HP with seal Nominal clamping Ø d 3 mm	309374 3
ER collet HP with seal Nominal clamping Ø d 13 mm	309374 13
ER collet with seal Nominal clamping Ø d 14 mm	308946 14
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309411 6
Pull stud 45° sealed suitable for steep tapers 40	308765 40
ER collet Nominal clamping Ø d 6 mm	308941 6
ER collet with seal Nominal clamping Ø d 13 mm	308959 13
ER collet with seal Nominal clamping Ø d 4 mm	308946 4
ER collet HP Nominal clamping Ø d 14 mm	309373 14
ER collet with seal Nominal clamping Ø d 4 mm	308959 4
ER collet with seal Nominal clamping Ø d 11 mm	308959 11
ER chuck key for ER collet chuck 25	309680 25
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309430 9
ER collet with seal and spray nozzles Nominal clamping Ø d 11 mm	308962 11
ER collet HP Nominal clamping Ø d 8 mm	309373 8
Pull stud 90° sealed suitable for steep tapers 40	308795 40
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 40	308812 40
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3,5 mm	309447 3,5
ER collet Nominal clamping Ø d 16 mm	308960 16
ER collet HP Nominal clamping Ø d 5 mm	309373 5
ER collet HP Nominal clamping Ø d 15 mm	309373 15
ER collet Nominal clamping Ø d 4 mm	308941 4
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309430 4,5

ER collet Nominal clamping Ø d 9 mm	308960 9
ER collet Nominal clamping Ø d 8 mm	308941 8
ER collet with seal and spray nozzles Nominal clamping Ø d 12 mm	308962 12
ER collet Nominal clamping Ø d 5 mm	308960 5
ER plain bearing clamping nut for ER 25	309612 25
ER collet with seal Nominal clamping Ø d 9 mm	308959 9
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 6 mm	309413 6
ER collet HP Nominal clamping Ø d 9 mm	309373 9
ER collet with seal Nominal clamping Ø d 6 mm	308959 6
ER collet HP with seal Nominal clamping Ø d 14 mm	309374 14
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309411 10
ER collet HP with seal and spray nozzles Nominal clamping Ø d 14 mm	309375 14
ER collet Nominal clamping Ø d 11 mm	308960 11
ER collet HP with seal Nominal clamping Ø d 12 mm	309374 12
ER collet HP with seal Nominal clamping Ø d 15 mm	309374 15
Pull stud 60° sealed suitable for steep tapers 40	308785 40
ER collet with seal Nominal clamping Ø d 6 mm	308946 6
ER collet Nominal clamping Ø d 9 mm	308941 9
Wrench for pull studs ISO 7388 suitable for ISO taper size 40	308830 40
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 9 mm	309447 9
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 10 mm	309430 10
ER collet with seal Nominal clamping Ø d 5 mm	308946 5
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3 mm	309447 3
ER collet HP Nominal clamping Ø d 16 mm	309373 16



ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	308962 6
ER collet with seal Nominal clamping Ø d 7 mm	308946 7
ER collet for machine taps with seal Nominal clamping Ø d 11 mm	309411 11
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
ER collet set 15 pieces 2–16 mm with seal and spray nozzles	309245
ER collet with seal Nominal clamping Ø d 10 mm	308946 10
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309430 3,5
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309409 10
ER collet Nominal clamping Ø d 2,5 mm	308941 2,5
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
Special pull stud with internal thread suitable for steep tapers 40	308740 40
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4 mm	309447 4
ER collet HP Nominal clamping Ø d 6 mm	309373 6
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	308962 5
ER collet with seal and spray nozzles Nominal clamping Ø d 14 mm	308962 14
ER collet HP with seal and spray nozzles Nominal clamping Ø d 4 mm	309375 4
ER collet Nominal clamping Ø d 16 mm	308941 16
ER collet HP with seal and spray nozzles Nominal clamping Ø d 6 mm	309375 6
	309409 12

ER collet for machine taps with seal Nominal clamping Ø d 12 mm

ER collet with seal Nominal clamping Ø d 16 mm	308959 16
ER collet for machine taps with seal Nominal clamping Ø d 16 mm	309411 16
ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm	308962 8
ER collet with seal Nominal clamping Ø d 5 mm	308959 5
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40	308605 40
ER collet HP with seal Nominal clamping Ø d 6 mm	309374 6
Torque insert for ER mini-nuts for ER collet chuck 25	309745 25
ER collet Nominal clamping Ø d 14 mm	308960 14
ER collet with seal Nominal clamping Ø d 3 mm	308959 3
ER collet with seal Nominal clamping Ø d 12 mm	308959 12
Pull stud 90° sealed suitable for steep tapers 40	308790 40
ER collet HP with seal Nominal clamping Ø d 4 mm	309374 4
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 14 mm	309413 14
ER collet for machine taps with seal Nominal clamping Ø d 14 mm	309411 14
Pull stud sealed, form B suitable for steep tapers 40	308650 40
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
ER clamping nut High Speed for ER 40	309610 40
Pull stud Form B suitable for steep tapers 40	308640 40
ER collet with seal and spray nozzles Nominal clamping Ø d 16 mm	308962 16
ER collet HP Nominal clamping Ø d 4 mm	309373 4
ER collet for machine taps with seal Nominal clamping Ø d 12 mm	309411 12
ER collet with seal Nominal clamping Ø d 8 mm	308946 8
ER collet Nominal clamping Ø d 10 mm	308960 10

ER collet HP with seal Nominal clamping $\varnothing$ d 7 mm	309374 7
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 10 mm	309447 10
ER collet HP Nominal clamping $\varnothing$ d 7 mm	309373 7
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 7 mm	309411 7
ER collet with seal Nominal clamping $\varnothing$ d 11 mm	308946 11
ER collet set HP with seal (4; 6; 8; 10; 12; 14; 16mm) 429 E	309394
ER collet with seal Nominal clamping $\varnothing$ d 12 mm	308946 12
ER collet set 15 pieces 2–16 mm with seal	309244