

**Garant**
**ER collet chuck Form ADB, SK 40 A = 70, for ER collet size: 32**

**Order data**

Order number	300470 32
GTIN	4045197284662
Item class	31A

**Description**
**Version:**

Taper ground internally and externally. With Balluff/RFID chip 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: 2 - 20 mm

Overhang dimension A: 70 mm

External Ø D: 50 mm

Spare GARANT high-speed clamping nut No. 309610: 32

Spare HOLEX nut No. 309580: 32

**Technical description**

Spare GARANT high-speed clamping nut No. 309610	32
Spare HOLEX nut No. 309580	32
Overhang dimension A	70 mm
for ER collets	32
Clamping range	2 - 20 mm
External Ø D	50 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 7 mm	308981 7
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 8 mm	309448 8
ER collet Nominal clamping Ø d 10 mm	309000 10
ER collet HP with seal and spray nozzles Nominal clamping Ø d 8 mm	309378 8
ER collet for machine taps with seal Nominal clamping Ø d 20 mm	309416 20
ER collet with seal Nominal clamping Ø d 14 mm	309001 14
ER collet HP Nominal clamping Ø d 18 mm	309376 18
Pull stud 90° sealed suitable for steep tapers 40	308795 40
ER collet with seal Nominal clamping Ø d 4 mm	308986 4

ER collet HP Nominal clamping Ø d 7 mm	309376 7
ER collet HP with seal Nominal clamping Ø d 6 mm	309377 6
ER collet with seal and spray nozzles Nominal clamping Ø d 20 mm	309002 20
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 11 mm	309448 11
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm	309448 6
ER collet Nominal clamping Ø d 6 mm	309000 6
ER collet Nominal clamping Ø d 11 mm	309000 11
ER collet set 18 pieces 3–20 mm with seal and spray nozzles	309285
ER collet set HP with seal (4; 6; 8; 10; 12; 14; 16; 20mm), 469 E	309397
ER collet with seal Nominal clamping Ø d 7 mm	309001 7
ER collet with seal and spray nozzles Nominal clamping Ø d 17 mm	309002 17
ER collet with seal and spray nozzles Nominal clamping Ø d 16 mm	309002 16
ER collet with seal Nominal clamping Ø d 12 mm	308986 12
ER collet HP with seal and spray nozzles Nominal clamping Ø d 10 mm	309378 10
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309432 9
ER collet HP Nominal clamping Ø d 11 mm	309376 11
ER collet HP Nominal clamping Ø d 15 mm	309376 15
Pull stud sealed suitable for steep tapers 40	308635 40
ER collet Nominal clamping Ø d 18 mm	309000 18
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309414 10
ER collet with seal Nominal clamping Ø d 16 mm	308986 16
ER collet HP with seal Nominal clamping Ø d 5 mm	309377 5
	309414 11

ER collet for machine taps with seal Nominal clamping Ø d 11 mm

ER collet Nominal clamping Ø d 3 mm	308981 3
Pull stud 60° sealed suitable for steep tapers 40	308785 40
ER collet HP with seal and spray nozzles Nominal clamping Ø d 14 mm	309378 14
Pull stud 90° sealed suitable for steep tapers 40	308790 40
ER collet with seal Nominal clamping Ø d 3 mm	308986 3
ER collet HP with seal Nominal clamping Ø d 18 mm	309377 18
ER collet with seal and spray nozzles Nominal clamping Ø d 11 mm	309002 11
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 10 mm	309448 10
ER collet HP with seal Nominal clamping Ø d 14 mm	309377 14
ER collet Nominal clamping Ø d 12 mm	308981 12
ER collet HP with seal Nominal clamping Ø d 16 mm	309377 16
ER collet Nominal clamping Ø d 20 mm	309000 20
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 8 mm	309418 8
Pull stud 45° sealed suitable for steep tapers 40	308765 40
ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	309002 6
Wrench for pull studs ISO 7388 suitable for ISO taper size 40	308830 40
ER collet Nominal clamping Ø d 16 mm	308981 16
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 12 mm	309448 12
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 14 mm	309448 14
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4,5 mm	309448 4,5
ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm	309002 8

ER plain bearing clamping nut for ER 32	309612 32
ER collet Nominal clamping Ø d 13 mm	309000 13
ER collet Nominal clamping Ø d 20 mm	308981 20
ER collet Nominal clamping Ø d 14 mm	308981 14
ER collet HP with seal Nominal clamping Ø d 12 mm	309377 12
ER collet with seal Nominal clamping Ø d 15 mm	308986 15
ER collet HP Nominal clamping Ø d 2 mm	309376 2
Pull stud sealed, form B suitable for steep tapers 40	308620 40
ER collet set 18 pieces 3–20 mm	309280
ER collet with seal Nominal clamping Ø d 4 mm	309001 4
ER clamping nut for HiRunER collet chucks for ER 40	309617 40
ER collet Nominal clamping Ø d 9 mm	308981 9
ER collet with seal Nominal clamping Ø d 7 mm	308986 7
ER collet with seal Nominal clamping Ø d 6 mm	309001 6
ER collet HP with seal Nominal clamping Ø d 9 mm	309377 9
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309432 8
ER collet HP with seal Nominal clamping Ø d 7 mm	309377 7
ER collet Nominal clamping Ø d 16 mm	309000 16
ER collet HP Nominal clamping Ø d 13 mm	309376 13
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309414 4,5
Hurco 45° pull stud with 4-mm bore and fit sealed suitable for steep tapers 40	308801 40
ER collet with seal Nominal clamping Ø d 18 mm	308986 18
ER collet Nominal clamping Ø d 4 mm	308981 4
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 16 mm	309418 16
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
ER collet Nominal clamping Ø d 17 mm	309000 17

ER collet Nominal clamping Ø d 9 mm	309000 9
ER collet HP Nominal clamping Ø d 4 mm	309376 4
ER collet with seal Nominal clamping Ø d 19 mm	308986 19
ER collet HP with seal Nominal clamping Ø d 10 mm	309377 10
ER collet HP with seal Nominal clamping Ø d 15 mm	309377 15
ER collet with seal Nominal clamping Ø d 9 mm	308986 9
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309416 6
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
ER collet HP Nominal clamping Ø d 14 mm	309376 14
ER collet HP with seal and spray nozzles Nominal clamping Ø d 4 mm	309378 4
ER collet Nominal clamping Ø d 5 mm	308981 5
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309416 10
ER collet set 18 pieces 3–20 mm	309024
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 40	308810 40
ER chuck key for ER collet chuck 32	309680 32
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 9 mm	309418 9
ER collet Nominal clamping Ø d 8 mm	308981 8
ER collet with seal Nominal clamping Ø d 10 mm	308986 10
ER collet set HP (4; 6; 8; 10; 12; 14; 16; 20mm), 470 E	309396
ER collet with seal Nominal clamping Ø d 11 mm	309001 11
ER collet HP with seal Nominal clamping Ø d 19 mm	309377 19
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 14 mm	309418 14
ER collet set 15 pieces 2–16 mm	309240
ER collet for machine taps with seal Nominal clamping Ø d 20 mm	309414 20

ER collet HP with seal and spray nozzles Nominal clamping Ø d 6 mm	309378 6
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4 mm	309448 4
ER collet HP with seal and spray nozzles Nominal clamping Ø d 18 mm	309378 18
ER collet HP with seal Nominal clamping Ø d 4 mm	309377 4
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 5 mm	309448 5
ER collet HP with seal Nominal clamping Ø d 3 mm	309377 3
ER collet with seal and spray nozzles Nominal clamping Ø d 15 mm	309002 15
Special pull stud with no internal thread sealed suitable for steep tapers 40	308700 40
ER collet Nominal clamping Ø d 5 mm	309000 5
ER collet with seal Nominal clamping Ø d 8 mm	308986 8
ER collet HP with seal Nominal clamping Ø d 13 mm	309377 13
ER collet HP with seal Nominal clamping Ø d 8 mm	309377 8
ER collet with seal Nominal clamping Ø d 17 mm	308986 17
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309414 7
ER collet with seal Nominal clamping Ø d 14 mm	308986 14
ER collet for machine taps with seal Nominal clamping Ø d 16 mm	309416 16
ER collet with seal Nominal clamping Ø d 18 mm	309001 18
ER collet with seal Nominal clamping Ø d 20 mm	309001 20
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	309002 7
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309432 6
ER collet Nominal clamping Ø d 12 mm	309000 12
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309416 9

ER collet with seal Nominal clamping Ø d 19 mm	309001 19
ER collet with seal Nominal clamping Ø d 13 mm	309001 13
ER collet HP Nominal clamping Ø d 9 mm	309376 9
Pull stud sealed, form B suitable for steep tapers 40	308650 40
Pull stud Form A suitable for steep tapers 40	308600 40
ER collet for machine taps with seal Nominal clamping Ø d 14 mm	309414 14
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 12 mm	309418 12
ER clamping nut for HiRunER collet chucks for ER 32	309617 32
ER collet for machine taps with seal Nominal clamping Ø d 18 mm	309416 18
ER collet Nominal clamping Ø d 13 mm	308981 13
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 7 mm	309418 7
ER collet with seal Nominal clamping Ø d 11 mm	308986 11
ER collet Nominal clamping Ø d 15 mm	308981 15
ER collet with seal Nominal clamping Ø d 5 mm	309001 5
ER collet with seal Nominal clamping Ø d 13 mm	308986 13
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 11 mm	309418 11
ER collet with seal Nominal clamping Ø d 15 mm	309001 15
ER collet with seal Nominal clamping Ø d 12 mm	309001 12
ER collet set 18 pieces 3–20 mm with seal	309284
ER collet HP Nominal clamping Ø d 19 mm	309376 19
ER collet with seal and spray nozzles Nominal clamping Ø d 18 mm	309002 18
ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	309002 5
ER clamping nut High Speed for ER 40	309610 40
ER collet HP with seal and spray nozzles Nominal clamping Ø d 12 mm	309378 12



ER collet HP with seal and spray nozzles Nominal clamping Ø d 20 mm	309378 20
ER collet with seal Nominal clamping Ø d 16 mm	309001 16
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309414 9
ER collet HP Nominal clamping Ø d 10 mm	309376 10
ER plain bearing clamping nut for ER 40	309612 40
ER clamping nut for ER 32	309580 32
ER collet HP Nominal clamping Ø d 12 mm	309376 12
ER collet Nominal clamping Ø d 19 mm	309000 19
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 11 mm	309432 11
ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm	309002 10
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 4,5 mm	309418 4,5
ER collet Nominal clamping Ø d 15 mm	309000 15
ER collet with seal Nominal clamping Ø d 17 mm	309001 17
ER collet for machine taps with seal Nominal clamping Ø d 16 mm	309414 16
ER collet with seal Nominal clamping Ø d 6 mm	308986 6
ER collet with seal and spray nozzles Nominal clamping Ø d 13 mm	309002 13
ER collet Nominal clamping Ø d 10 mm	308981 10
ER collet HP Nominal clamping Ø d 5 mm	309376 5
Pull stud Form B suitable for steep tapers 40	308640 40
ER collet HP Nominal clamping Ø d 8 mm	309376 8
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309414 6
ER collet with seal Nominal clamping Ø d 3 mm	309001 3
ER clamping nut for ER 40	309580 40
	309002 9

ER collet with seal and spray nozzles Nominal clamping Ø d 9 mm	
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309432 7
ER collet with seal Nominal clamping Ø d 20 mm	308986 20
ER collet HP Nominal clamping Ø d 3 mm	309376 3
ER collet Nominal clamping Ø d 4 mm	309000 4
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 7 mm	309448 7
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 12 mm	309432 12
Special pull stud with internal thread suitable for steep tapers 40	308740 40
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 18 mm	309418 18
ER collet HP Nominal clamping Ø d 20 mm	309376 20
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40	308605 40
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 20 mm	309418 20
ER collet HP Nominal clamping Ø d 6 mm	309376 6
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 10 mm	309418 10
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309416 8
ER collet Nominal clamping Ø d 18 mm	308981 18
ER collet for machine taps with seal Nominal clamping Ø d 14 mm	309416 14
ER collet HP with seal and spray nozzles Nominal clamping Ø d 16 mm	309378 16
ER collet for machine taps with seal Nominal clamping Ø d 12 mm	309416 12
	309002 14

ER collet with seal and spray nozzles Nominal clamping  $\varnothing$  d 14 mm

ER collet with seal Nominal clamping $\varnothing$ d 10 mm	309001 10
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 40	308812 40
ER collet set 8 pieces 4–16, 20 mm with seal	309026
ER collet Nominal clamping $\varnothing$ d 14 mm	309000 14
ER collet HP with seal Nominal clamping $\varnothing$ d 17 mm	309377 17
ER collet for machine taps with seal and spray nozzles Nominal clamping $\varnothing$ d 6 mm	309418 6
ET collet for thread tapping, with axial compensation Nominal clamping $\varnothing$ d 10 mm	309432 10
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 7 mm	309416 7
ER collet with seal Nominal clamping $\varnothing$ d 5 mm	308986 5
ER collet HP with seal Nominal clamping $\varnothing$ d 20 mm	309377 20
ER collet Nominal clamping $\varnothing$ d 6 mm	308981 6
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 4,5 mm	309416 4,5
Pull stud sealed suitable for steep tapers 40	308660 40
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 19 mm	309002 19
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 4 mm	309002 4
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 9 mm	309448 9
ER collet Nominal clamping $\varnothing$ d 11 mm	308981 11
ER collet Nominal clamping $\varnothing$ d 8 mm	309000 8
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
ER collet Nominal clamping $\varnothing$ d 19 mm	308981 19

ER collet HP Nominal clamping Ø d 17 mm	309376 17
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309432 4,5
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309414 8
Pull stud Mazak, form A suitable for steep tapers 40M	308670 40M
ER collet with seal Nominal clamping Ø d 9 mm	309001 9
ER collet HP Nominal clamping Ø d 16 mm	309376 16
ER collet for machine taps with seal Nominal clamping Ø d 18 mm	309414 18
ER collet Nominal clamping Ø d 7 mm	309000 7
Pull stud 45° sealed suitable for steep tapers 40	308760 40
ER collet for machine taps with seal Nominal clamping Ø d 12 mm	309414 12
ER collet with seal Nominal clamping Ø d 8 mm	309001 8
ER collet Nominal clamping Ø d 17 mm	308981 17
ER collet for machine taps with seal Nominal clamping Ø d 11 mm	309416 11
ER collet Nominal clamping Ø d 3 mm	309000 3
ER collet HP with seal Nominal clamping Ø d 11 mm	309377 11
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
ER collet with seal and spray nozzles Nominal clamping Ø d 12 mm	309002 12
ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm	309002 3
Pull stud sealed, form A suitable for steep tapers 40	308610 40
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
ER clamping nut High Speed for ER 32	309610 32