

Garant
ER collet chuck Form ADB, SK 40 A = 200, for ER collet size: 32

Order data

Order number	300545 32
GTIN	4045197284822
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: 200 mm

External Ø D: 50 mm

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

Spare HOLEX nut No. 309580: 32

Technical description

Spare HOLEX nut No. 309580	32
for ER collets	32
Overhang dimension A	200 mm
Clamping range	2 - 20 mm
Spare GARANT high-speed clamping nut No. 309610	32
External \varnothing D	50 mm
Clamping \varnothing D ₁	2-20 mm
Adapter	SK 40 A = 200
Arbor standard	ISO 7388-1
Shape	ADB
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	$\leq 3 \mu\text{m}$
Machining strategy	HSC
Balluffchip bore	yes
Type of product	Collet chuck

Accessories

ER collet with seal Nominal clamping \varnothing d 11 mm	309001 11
ER collet for machine taps with seal Nominal clamping \varnothing d 11 mm	309416 11
ER collet with seal and spray nozzles Nominal clamping \varnothing d 10 mm	309002 10
ER collet for machine taps with seal and spray nozzles Nominal clamping \varnothing d 8 mm	309418 8
ER collet for machine taps with seal and spray nozzles Nominal clamping \varnothing d 14 mm	309418 14
ER collet for machine taps with seal Nominal clamping \varnothing d 16 mm	309416 16

ER collet with seal Nominal clamping Ø d 18 mm	308986 18
ER collet Nominal clamping Ø d 7 mm	308981 7
ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	309002 6
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 16 mm	309418 16
Pull stud sealed, form B suitable for steep tapers 40	308620 40
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
ER collet Nominal clamping Ø d 16 mm	308981 16
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309416 6
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309416 7
ER collet Nominal clamping Ø d 11 mm	308981 11
ER collet Nominal clamping Ø d 13 mm	308981 13
ER collet Nominal clamping Ø d 3 mm	309000 3
ER collet Nominal clamping Ø d 18 mm	308981 18
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 8 mm	309448 8
Pull stud 45° sealed suitable for steep tapers 40	308765 40
ER collet set 18 pieces 3–20 mm	309280
ER collet with seal Nominal clamping Ø d 6 mm	309001 6
ER collet Nominal clamping Ø d 5 mm	309000 5
ER collet Nominal clamping Ø d 4 mm	309000 4
ER collet with seal Nominal clamping Ø d 9 mm	309001 9
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40	308605 40
ER collet with seal Nominal clamping Ø d 10 mm	308986 10
ER collet set 15 pieces 2–16 mm	309240
	309418 11

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

ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309414 6
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ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 5 mm	309448 5
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ER collet Nominal clamping Ø d 12 mm	309000 12
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ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309416 4,5
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ER collet with seal Nominal clamping Ø d 12 mm	308986 12
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ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 14 mm	309448 14
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ER collet Nominal clamping Ø d 6 mm	309000 6
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ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309416 10
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ER collet Nominal clamping Ø d 17 mm	308981 17
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Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
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ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4,5 mm	309448 4,5
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ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 7 mm	309448 7
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ER collet with seal Nominal clamping Ø d 6 mm	308986 6
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ER collet Nominal clamping Ø d 15 mm	309000 15
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ER collet with seal Nominal clamping Ø d 5 mm	309001 5
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ER clamping nut for ER 32	309580 32
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ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm	309448 6
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Special pull stud with no internal thread sealed suitable for steep tapers 40	308700 40
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ER collet with seal and spray nozzles Nominal clamping Ø d 4 mm	309002 4
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ER collet Nominal clamping Ø d 6 mm	308981 6
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ER collet Nominal clamping Ø d 15 mm	308981 15
ER collet with seal Nominal clamping Ø d 3 mm	309001 3
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	309002 7
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 10 mm	309418 10
Special pull stud with internal thread suitable for steep tapers 40	308740 40
ER collet set 18 pieces 3–20 mm with seal	309284
ER collet for machine taps with seal Nominal clamping Ø d 12 mm	309416 12
ER collet with seal Nominal clamping Ø d 18 mm	309001 18
ER collet with seal and spray nozzles Nominal clamping Ø d 15 mm	309002 15
ER collet with seal Nominal clamping Ø d 5 mm	308986 5
ER collet with seal and spray nozzles Nominal clamping Ø d 19 mm	309002 19
ER collet with seal Nominal clamping Ø d 15 mm	309001 15
ER collet Nominal clamping Ø d 7 mm	309000 7
Wrench for pull studs ISO 7388 suitable for ISO taper size 40	308830 40
ER clamping nut High Speed for ER 40	309610 40
Pull stud Form A suitable for steep tapers 40	308600 40
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 40	308812 40
ER collet Nominal clamping Ø d 13 mm	309000 13
ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	309002 5
ER collet for machine taps with seal Nominal clamping Ø d 20 mm	309414 20
ER collet Nominal clamping Ø d 5 mm	308981 5
ER collet with seal Nominal clamping Ø d 7 mm	309001 7
ER collet Nominal clamping Ø d 10 mm	308981 10

Pull stud sealed suitable for steep tapers 40	308635 40
ER collet for machine taps with seal Nominal clamping Ø d 16 mm	309414 16
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 12 mm	309448 12
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309414 8
ER collet with seal Nominal clamping Ø d 13 mm	308986 13
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309432 4,5
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309432 6
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 10 mm	309432 10
ER collet with seal Nominal clamping Ø d 20 mm	309001 20
Pull stud sealed suitable for steep tapers 40	308660 40
ER collet with seal and spray nozzles Nominal clamping Ø d 20 mm	309002 20
ER clamping nut for ER 40	309580 40
ER collet with seal Nominal clamping Ø d 10 mm	309001 10
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 4 mm	309448 4
Pull stud sealed, form B suitable for steep tapers 40	308650 40
ER clamping nut for HiRunER collet chucks for ER 32	309617 32
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 40	308810 40
ER collet Nominal clamping Ø d 20 mm	309000 20
ER collet with seal Nominal clamping Ø d 4 mm	308986 4
ER collet Nominal clamping Ø d 8 mm	308981 8
ER collet with seal and spray nozzles Nominal clamping Ø d 16 mm	309002 16

ER collet Nominal clamping Ø d 17 mm	309000 17
Pull stud 45° sealed suitable for steep tapers 40	308760 40
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309414 4,5
ER plain bearing clamping nut for ER 32	309612 32
ER collet with seal Nominal clamping Ø d 20 mm	308986 20
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309432 7
ER collet for machine taps with seal Nominal clamping Ø d 18 mm	309414 18
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309414 7
ER plain bearing clamping nut for ER 40	309612 40
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 6 mm	309418 6
ER collet Nominal clamping Ø d 14 mm	308981 14
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309432 9
ER collet with seal Nominal clamping Ø d 16 mm	309001 16
ER collet Nominal clamping Ø d 11 mm	309000 11
ER collet with seal Nominal clamping Ø d 11 mm	308986 11
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 11 mm	309448 11
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
ER collet with seal Nominal clamping Ø d 3 mm	308986 3
ER collet with seal Nominal clamping Ø d 7 mm	308986 7
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
ER collet with seal and spray nozzles Nominal clamping Ø d 13 mm	309002 13
ER collet with seal Nominal clamping Ø d 8 mm	308986 8
	309002 17

ER collet with seal and spray nozzles Nominal clamping Ø d 17 mm

ER collet with seal Nominal clamping Ø d 17 mm	308986 17
ER collet Nominal clamping Ø d 19 mm	309000 19
ER collet with seal Nominal clamping Ø d 17 mm	309001 17
Pull stud 60° sealed suitable for steep tapers 40	308785 40
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 4,5 mm	309418 4,5
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 9 mm	309418 9
ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm	309002 8
ER collet for machine taps with seal Nominal clamping Ø d 11 mm	309414 11
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 12 mm	309418 12
ER collet with seal Nominal clamping Ø d 9 mm	308986 9
ER collet with seal and spray nozzles Nominal clamping Ø d 14 mm	309002 14
ER collet Nominal clamping Ø d 16 mm	309000 16
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 18 mm	309418 18
ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm	309002 3
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 9 mm	309448 9
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309416 9
ER collet with seal Nominal clamping Ø d 14 mm	309001 14
ER collet with seal Nominal clamping Ø d 16 mm	308986 16
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309414 10
ER collet Nominal clamping Ø d 3 mm	308981 3

ER collet Nominal clamping Ø d 12 mm	308981 12
ER collet Nominal clamping Ø d 10 mm	309000 10
Hurco 45° pull stud with 4-mm bore and fit sealed suitable for steep tapers 40	308801 40
ER collet Nominal clamping Ø d 19 mm	308981 19
Pull stud 90° sealed suitable for steep tapers 40	308790 40
ER collet Nominal clamping Ø d 14 mm	309000 14
ER collet Nominal clamping Ø d 9 mm	308981 9
ER collet with seal Nominal clamping Ø d 13 mm	309001 13
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309432 8
ER collet set 18 pieces 3–20 mm	309024
ER collet Nominal clamping Ø d 18 mm	309000 18
ER collet Nominal clamping Ø d 8 mm	309000 8
ER collet with seal and spray nozzles Nominal clamping Ø d 18 mm	309002 18
ER collet set 18 pieces 3–20 mm with seal and spray nozzles	309285
ER collet with seal Nominal clamping Ø d 15 mm	308986 15
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
ER collet with seal and spray nozzles Nominal clamping Ø d 9 mm	309002 9
ER chuck key for ER collet chuck 32	309680 32
ER collet with seal Nominal clamping Ø d 8 mm	309001 8
ER clamping nut for HiRunER collet chucks for ER 40	309617 40
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 20 mm	309418 20
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309414 9
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 10 mm	309448 10

Pull stud 90° sealed suitable for steep tapers 40	308795 40
Pull stud Form B suitable for steep tapers 40	308640 40
ER clamping nut High Speed for ER 32	309610 32
ER collet Nominal clamping Ø d 4 mm	308981 4
Pull stud Mazak, form A suitable for steep tapers 40M	308670 40M
Pull stud sealed, form A suitable for steep tapers 40	308610 40
ER collet with seal Nominal clamping Ø d 14 mm	308986 14
ER collet Nominal clamping Ø d 20 mm	308981 20
ER collet for machine taps with seal Nominal clamping Ø d 14 mm	309414 14
ER collet for machine taps with seal Nominal clamping Ø d 20 mm	309416 20
ER collet for machine taps with seal Nominal clamping Ø d 18 mm	309416 18
ER collet Nominal clamping Ø d 9 mm	309000 9
ER collet with seal and spray nozzles Nominal clamping Ø d 12 mm	309002 12
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
ER collet for machine taps with seal Nominal clamping Ø d 14 mm	309416 14
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309416 8
ER collet for machine taps with seal Nominal clamping Ø d 12 mm	309414 12
ER collet with seal Nominal clamping Ø d 19 mm	308986 19
ER collet with seal Nominal clamping Ø d 19 mm	309001 19
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 11 mm	309432 11
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 7 mm	309418 7
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 12 mm	309432 12

ER collet with seal Nominal clamping \varnothing d 4 mm	309001 4
ER collet set 8 pieces 4–16, 20 mm with seal	309026
ER collet with seal Nominal clamping \varnothing d 12 mm	309001 12