

Garant

ER collet chuck Form ADB, SK 50 A = 70, for ER collet size: 25



Order data

Order number	300550 25
GTIN	4045197284853
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: 1 - 16 mm

Overhang dimension A: 70 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
Overhang dimension A	70 mm
Spare GARANT high-speed clamping nut No. 309610	25
Clamping range	1 - 16 mm
Spare HOLEX nut No. 309580	25
External \varnothing D	42 mm
Clamping \varnothing D ₁	1-16 mm
Adapter	SK 50 A = 70
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 set 15 pieces 2–16 mm with seal and spray nozzles	309245
ER collet for machine taps with seal and spray nozzles Nominal clamping \varnothing d 7 mm	309413 7
ER collet with seal Nominal clamping \varnothing d 5 mm	308946 5
ER collet for machine taps with seal Nominal clamping \varnothing d 6 mm	309409 6
ER collet for machine taps with seal Nominal clamping \varnothing d 12 mm	309409 12
ER collet with seal Nominal clamping \varnothing d 4 mm	308946 4
ET collet for thread tapping, with axial compensation Nominal clamping \varnothing d 2,8 mm	309430 2,8

ER collet with seal Nominal clamping Ø d 12 mm	308946 12
ER collet with seal and spray nozzles Nominal clamping Ø d 4 mm	308962 4
Pull stud sealed, form B suitable for steep tapers 50	308620 50
ER chuck key for ER collet chuck 25	309680 25
ER collet Nominal clamping Ø d 10 mm	308941 10
ER collet Nominal clamping Ø d 7 mm	308960 7
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309411 6
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 50	308810 50
ER collet Nominal clamping Ø d 14 mm	308941 14
ER collet for machine taps with seal Nominal clamping Ø d 14 mm	309411 14
ER collet with seal and spray nozzles Nominal clamping Ø d 16 mm	308962 16
ER collet Nominal clamping Ø d 8 mm	308941 8
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 50	308615 50
ER collet Nominal clamping Ø d 12 mm	308941 12
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50
Pull stud 90° sealed suitable for steep tapers 50	308790 50
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309409 4,5
ER clamping nut for HiRunER collet chucks for ER 25	309617 25
ER collet with seal and spray nozzles Nominal clamping Ø d 13 mm	308962 13
ER collet with seal Nominal clamping Ø d 10 mm	308946 10
Pull stud 45° sealed suitable for steep tapers 50	308760 50
Pull stud Form A suitable for steep tapers 50	308600 50
Torque insert for ER Mini nuts for ER collet chuck 25	309745 25

ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm	308962 3
ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	308962 6
ER collet Nominal clamping Ø d 16 mm	308941 16
ER collet with seal Nominal clamping Ø d 13 mm	308959 13
Special pull stud with no internal thread sealed suitable for steep tapers 50	308720 50
ER collet Nominal clamping Ø d 11 mm	308960 11
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 9 mm	309447 9
ER collet with seal Nominal clamping Ø d 6 mm	308946 6
ER collet with seal and spray nozzles Nominal clamping Ø d 11 mm	308962 11
ER collet with seal Nominal clamping Ø d 7 mm	308946 7
ER collet with seal and spray nozzles Nominal clamping Ø d 14 mm	308962 14
ER collet Nominal clamping Ø d 11 mm	308941 11
ER collet set 15 pieces 2–16 mm	309240
Pull stud 45° sealed suitable for steep tapers 50	308765 50
ER collet Nominal clamping Ø d 13 mm	308941 13
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 with seal and spray nozzles Nominal clamping Ø d 15 mm	308962 15
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 5 mm	309447 5
ER collet Nominal clamping Ø d 8 mm	308960 8
Pull stud sealed, form B suitable for steep tapers 50	308650 50
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 6 mm	309413 6
	309413 14

ER collet for machine taps with seal and spray nozzles
Nominal clamping Ø d 14 mm

ER collet for machine taps with seal Nominal clamping Ø d 9 mm 309409 9

ER collet with seal Nominal clamping Ø d 6 mm 308959 6

ER collet set 7 pieces 4–16 mm with seal 309022

ER collet for machine taps with seal Nominal clamping Ø d 12 mm 309411 12

ER collet Nominal clamping Ø d 3 mm 308941 3

ER collet Nominal clamping Ø d 5 mm 308941 5

Pull stud 60° sealed suitable for steep tapers 50 308785 50

ER collet with seal Nominal clamping Ø d 10 mm 308959 10

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3 mm 309447 3

ER clamping nut for ER 25 309580 25

ER collet with seal Nominal clamping Ø d 5 mm 308959 5

ET collet for thread tapping, with axial compensation
Nominal clamping Ø d 6 mm 309430 6

ER collet for machine taps with seal and spray nozzles
Nominal clamping Ø d 11 mm 309413 11

ET collet for thread tapping, with axial compensation
Nominal clamping Ø d 7 mm 309430 7

ER collet Nominal clamping Ø d 4 mm 308941 4

ER collet with seal Nominal clamping Ø d 11 mm 308946 11

ET collet for thread tapping, with axial compensation
Nominal clamping Ø d 3,5 mm 309430 3,5

ER collet Nominal clamping Ø d 14 mm 308960 14

ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm 308962 10

Special pull stud with internal thread suitable for steep tapers 50 308740 50

ER collet for machine taps with seal Nominal clamping Ø d 7 mm 309411 7

ER collet Nominal clamping Ø d 13 mm	308960 13
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 8 mm	309447 8
ER collet for machine taps with seal Nominal clamping Ø d 16 mm	309409 16
ER collet with seal Nominal clamping Ø d 8 mm	308959 8
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 10 mm	309447 10
ER collet Nominal clamping Ø d 2,5 mm	308941 2,5
ER collet with seal Nominal clamping Ø d 15 mm	308959 15
Pull stud sealed suitable for steep tapers 50	308660 50
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309430 8
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3,5 mm	309447 3,5
Pull stud 90° sealed suitable for steep tapers 50	308795 50
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309430 4,5
ER collet with seal Nominal clamping Ø d 15 mm	308946 15
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 50	308812 50
ER collet Nominal clamping Ø d 7 mm	308941 7
ER collet Nominal clamping Ø d 3 mm	308960 3
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 4,5 mm	309413 4,5
ER collet with seal Nominal clamping Ø d 12 mm	308959 12
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 50	308605 50
ER plain bearing clamping nut for ER 25	309612 25
ER collet Nominal clamping Ø d 6 mm	308960 6
ER collet Nominal clamping Ø d 9 mm	308960 9

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm	309447 6
Special pull stud with no internal thread sealed suitable for steep tapers 50	308700 50
Pull stud Form B suitable for steep tapers 50	308640 50
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 12 mm	309413 12
ER collet with seal Nominal clamping Ø d 7 mm	308959 7
ER collet with seal Nominal clamping Ø d 9 mm	308946 9
ER collet set 15 pieces 2–16 mm with seal	309244
ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	308962 5
ER collet Nominal clamping Ø d 12 mm	308960 12
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309430 9
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 16 mm	308959 16
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309409 8
ER collet with seal Nominal clamping Ø d 14 mm	308959 14
ER collet for machine taps with seal Nominal clamping Ø d 11 mm	309411 11
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 10 mm	309430 10
ER collet Nominal clamping Ø d 16 mm	308960 16
ER collet Nominal clamping Ø d 2 mm	308960 2
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309411 4,5
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4 mm	309447 4
ER collet Nominal clamping Ø d 15 mm	308941 15
	309413 8

ER collet for machine taps with seal and spray nozzles
Nominal clamping \varnothing d 8 mm

ER collet with seal and spray nozzles Nominal clamping \varnothing
d 8 mm

308962 8

ET collet with radial compensation for tapping and
reaming Nominal clamping \varnothing d 4,5 mm

309447 4,5

ER collet Nominal clamping \varnothing d 6 mm

308941 6

ER collet with seal Nominal clamping \varnothing d 3 mm

308946 3

ER collet for machine taps with seal Nominal clamping \varnothing d
9 mm

309411 9

ER collet for machine taps with seal Nominal clamping \varnothing d
14 mm

309409 14

ER collet with seal Nominal clamping \varnothing d 16 mm

308946 16

ER collet with seal Nominal clamping \varnothing d 9 mm

308959 9

Pull stud sealed, form A suitable for steep tapers 50

308610 50

ER collet with seal and spray nozzles Nominal clamping \varnothing
d 7 mm

308962 7

ER collet with seal and spray nozzles Nominal clamping \varnothing
d 9 mm

308962 9

ER collet with seal Nominal clamping \varnothing d 14 mm

308946 14

ER collet for machine taps with seal Nominal clamping \varnothing d
10 mm

309411 10

ER collet Nominal clamping \varnothing d 2 mm

308941 2

ER collet with seal Nominal clamping \varnothing d 3 mm

308959 3

ER collet for machine taps with seal Nominal clamping \varnothing d
16 mm

309411 16

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

309409 11

ER collet Nominal clamping \varnothing d 9 mm

308941 9

ER collet Nominal clamping \varnothing d 15 mm

308960 15

ER collet with seal and spray nozzles Nominal clamping \varnothing
d 12 mm

308962 12

309413 9

ER collet for machine taps with seal and spray nozzles
Nominal clamping Ø d 9 mm

ER collet with seal Nominal clamping Ø d 4 mm	308959 4
ER collet Nominal clamping Ø d 5 mm	308960 5
ER collet with seal Nominal clamping Ø d 13 mm	308946 13
ER collet Nominal clamping Ø d 10 mm	308960 10
ER collet with seal Nominal clamping Ø d 11 mm	308959 11
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309409 7
ER clamping nut High Speed for ER 25	309610 25
ER collet with seal Nominal clamping Ø d 8 mm	308946 8
Wrench for pull studs ISO 7388 suitable for ISO taper size 50	308830 50
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309409 10