

**Garant**
**ER collet chuck Form ADB, SK 40 A = 200, for ER collet size: 25**

**Order data**

Order number	300545 25
GTIN	4045197284815
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: 200 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
Overhang dimension A	200 mm
Spare GARANT high-speed clamping nut No. 309610	25
External $\varnothing$ D	42 mm
Clamping $\varnothing$ D <sub>1</sub>	1-16 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 15 mm	308946 15
ER collet Nominal clamping $\varnothing$ d 11 mm	308941 11
ER clamping nut for ER 40	309580 40
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 14 mm	309409 14
ER collet Nominal clamping $\varnothing$ d 11 mm	308960 11
ER collet with seal Nominal clamping $\varnothing$ d 6 mm	308946 6
Pull stud 60° sealed suitable for steep tapers 40	308785 40
ER collet with seal Nominal clamping $\varnothing$ d 5 mm	308959 5
	309430 9

ET collet for thread tapping, with axial compensation  
Nominal clamping  $\varnothing$  d 9 mm

ET collet with radial compensation for tapping and  
reaming Nominal clamping  $\varnothing$  d 9 mm

309447 9

Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40

308605 40

ER collet with seal and spray nozzles Nominal clamping  $\varnothing$   
d 15 mm

308962 15

Torque insert for Pull studs to SO 7388 suitable for ISO  
taper size 40

308812 40

ER collet with seal Nominal clamping  $\varnothing$  d 7 mm

308946 7

ER collet set 15 pieces 2–16 mm with seal and spray  
nozzles

309245

ER collet Nominal clamping  $\varnothing$  d 4 mm

308960 4

ER collet with seal Nominal clamping  $\varnothing$  d 13 mm

308946 13

ER collet with seal and spray nozzles Nominal clamping  $\varnothing$   
d 10 mm

308962 10

Pull stud sealed suitable for steep tapers 40

308635 40

Pull stud 45° sealed suitable for steep tapers 40

308765 40

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

309411 7

ER collet Nominal clamping  $\varnothing$  d 9 mm

308941 9

ER collet with seal Nominal clamping  $\varnothing$  d 7 mm

308959 7

ER collet with seal Nominal clamping  $\varnothing$  d 16 mm

308959 16

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

308962 8

ER collet for machine taps with seal and spray nozzles  
Nominal clamping  $\varnothing$  d 12 mm

309413 12

ER collet Nominal clamping  $\varnothing$  d 13 mm

308941 13

Pull stud 90° sealed suitable for steep tapers 40

308790 40

ER clamping nut for HiRunER collet chucks for ER 25

309617 25

Special pull stud with no internal thread sealed suitable for  
steep tapers 40

308700 40

309413 11

ER collet for machine taps with seal and spray nozzles  
Nominal clamping  $\varnothing$  d 11 mm

ER collet with seal Nominal clamping $\varnothing$ d 16 mm	308946 16
ER collet with seal Nominal clamping $\varnothing$ d 11 mm	308959 11
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 5 mm	308962 5
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 16 mm	308962 16
ET collet for thread tapping, with axial compensation Nominal clamping $\varnothing$ d 10 mm	309430 10
ER collet Nominal clamping $\varnothing$ d 6 mm	308941 6
Pull stud Form B suitable for steep tapers 40	308640 40
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 12 mm	308962 12
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 9 mm	309409 9
ER plain bearing clamping nut for ER 40	309612 40
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 11 mm	309411 11
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 6 mm	308962 6
Wrench for pull studs ISO 7388 suitable for ISO taper size 40	308830 40
ER collet with seal Nominal clamping $\varnothing$ d 14 mm	308946 14
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 4 mm	308962 4
ER collet with seal Nominal clamping $\varnothing$ d 4 mm	308959 4
ET collet for thread tapping, with axial compensation Nominal clamping $\varnothing$ d 8 mm	309430 8
ER collet with seal Nominal clamping $\varnothing$ d 14 mm	308959 14
ER chuck key for ER collet chuck 25	309680 25
ER collet Nominal clamping $\varnothing$ d 10 mm	308960 10
	308962 14

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

Pull stud sealed, form B suitable for steep tapers 40 308650 40

ER collet for machine taps with seal Nominal clamping Ø d 10 mm 309411 10

ER clamping nut for HiRunER collet chucks for ER 40 309617 40

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 308960 15

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm 309447 6

ER collet Nominal clamping Ø d 16 mm 308960 16

ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 6 mm 309413 6

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 11 mm 309409 11

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 10 mm 309447 10

ER collet Nominal clamping Ø d 10 mm 308941 10

ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm 309430 4,5

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

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 5 mm 309447 5

ER collet with seal Nominal clamping Ø d 9 mm 308959 9

ER clamping nut for ER 25 309580 25

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 309411 4,5

Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40 308820 40

ER collet with seal Nominal clamping Ø d 10 mm	308946 10
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 10 mm	309413 10
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 7 mm	309413 7
ER collet with seal Nominal clamping Ø d 6 mm	308959 6
ER collet with seal Nominal clamping Ø d 8 mm	308959 8
ER collet Nominal clamping Ø d 2 mm	308960 2
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3 mm	309447 3
Hurco 45° pull stud with 4-mm bore and fit sealed suitable for steep tapers 40	308801 40
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309409 4,5
ER collet Nominal clamping Ø d 9 mm	308960 9
ER collet Nominal clamping Ø d 12 mm	308960 12
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309409 6
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 9 mm	309413 9
ER collet Nominal clamping Ø d 7 mm	308941 7
ER collet Nominal clamping Ø d 4 mm	308941 4
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309409 8
Pull stud sealed, form A suitable for steep tapers 40	308610 40
Pull stud Mazak, form A suitable for steep tapers 40M	308670 40M
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
ER collet Nominal clamping Ø d 2,5 mm	308941 2,5
ER collet for machine taps with seal Nominal clamping Ø d 12 mm	309409 12
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4,5 mm	309447 4,5

ER collet with seal Nominal clamping Ø d 12 mm	308959 12
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309409 7
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
ER collet Nominal clamping Ø d 13 mm	308960 13
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm	309430 2,8
ER collet for machine taps with seal Nominal clamping Ø d 16 mm	309411 16
ER collet Nominal clamping Ø d 3 mm	308941 3
ER collet Nominal clamping Ø d 14 mm	308960 14
ER clamping nut High Speed for ER 25	309610 25
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	308946 12
ER collet with seal Nominal clamping Ø d 4 mm	308946 4
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
ER collet with seal Nominal clamping Ø d 10 mm	308959 10
ER collet Nominal clamping Ø d 15 mm	308941 15
ER collet Nominal clamping Ø d 3 mm	308960 3
Pull stud sealed, form B suitable for steep tapers 40	308620 40
ER collet Nominal clamping Ø d 8 mm	308960 8
ER collet Nominal clamping Ø d 5 mm	308960 5
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309411 8
Torque insert for ER Mini nuts for ER collet chuck 25	309745 25
ER collet for machine taps with seal Nominal clamping Ø d 14 mm	309411 14
ER collet with seal Nominal clamping Ø d 11 mm	308946 11
ER collet Nominal clamping Ø d 16 mm	308941 16

ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 3 mm	308962 3
ER collet with seal Nominal clamping $\varnothing$ d 13 mm	308959 13
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 12 mm	309411 12
ER clamping nut High Speed for ER 40	309610 40
Pull stud 90° sealed suitable for steep tapers 40	308795 40
ER collet Nominal clamping $\varnothing$ d 6 mm	308960 6
ER collet set 15 pieces 2–16 mm with seal	309244
ER collet for machine taps with seal and spray nozzles Nominal clamping $\varnothing$ d 8 mm	309413 8
ER collet Nominal clamping $\varnothing$ d 12 mm	308941 12
ER collet set 15 pieces 2–16 mm	309240
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 7 mm	309447 7
ER collet Nominal clamping $\varnothing$ d 14 mm	308941 14
ER collet Nominal clamping $\varnothing$ d 5 mm	308941 5
ER collet with seal Nominal clamping $\varnothing$ d 3 mm	308959 3
ER plain bearing clamping nut for ER 25	309612 25
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
ER collet with seal Nominal clamping $\varnothing$ d 15 mm	308959 15
ER collet with seal Nominal clamping $\varnothing$ d 8 mm	308946 8
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 9 mm	309411 9
Pull stud sealed suitable for steep tapers 40	308660 40
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 13 mm	308962 13
ET collet for thread tapping, with axial compensation Nominal clamping $\varnothing$ d 6 mm	309430 6
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 16 mm	309409 16



ER collet with seal Nominal clamping Ø d 5 mm	308946 5
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	308962 7
ER collet with seal Nominal clamping Ø d 3 mm	308946 3
Pull stud Form A suitable for steep tapers 40	308600 40
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309411 6
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3,5 mm	309447 3,5
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
ER collet with seal and spray nozzles Nominal clamping Ø d 9 mm	308962 9
ER collet with seal and spray nozzles Nominal clamping Ø d 11 mm	308962 11
Special pull stud with internal thread suitable for steep tapers 40	308740 40
ER collet set 7 pieces 4–16 mm with seal	309022
ER collet Nominal clamping Ø d 2 mm	308941 2
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 40	308810 40
ER collet Nominal clamping Ø d 8 mm	308941 8
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309430 7
ER collet Nominal clamping Ø d 7 mm	308960 7
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309409 10
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 8 mm	309447 8
ER collet with seal Nominal clamping Ø d 9 mm	308946 9