

## Garant

### ER collet chuck Form ADB, SK 40 A = 200, for ER collet size: 16 ER



#### Order data

Order number	300545 16
GTIN	4045197284808
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: 0.5 - 10 mm

External Ø D: 28 mm

Spare GARANT high-speed clamping nut No. 309610: 16

Spare HOLEX nut No. 309580: 16

#### Technical description

Spare HOLEX nut No. 309580	16
Spare GARANT high-speed clamping nut No. 309610 for ER collets	16
Clamping range	0.5 - 10 mm
External Ø D	28 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	≤ 3 µm
Machining strategy	HSC
Balluffchip bore	yes
Type of product	Collet chuck

## Accessories

Pull stud 60° sealed suitable for steep tapers 40	308785 40
ER collet Nominal clamping Ø d 5 mm	308920 5
ER collet Nominal clamping Ø d 8 mm	308901 8
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 40	308812 40
ER collet with seal Nominal clamping Ø d 7 mm	308906 7
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm	309425 2,8
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 8 mm	309404 8
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309403 8
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	308906 3
Pull stud sealed suitable for steep tapers 40	308660 40
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 2,8 mm	309445 2,8
Pull stud Form A suitable for steep tapers 40	308600 40
ER collet with seal Nominal clamping Ø d 8 mm	308921 8
ER collet with seal Nominal clamping Ø d 4 mm	308921 4
Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40	308801 40
Pull stud Mazak sealed, form A suitable for steep tapers 40M	308670 40M
Pull stud stud sealed, form A suitable for steep tapers 40	308610 40
ER clamping nut for ER 16	309580 16
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309402 8
ER collet with seal Nominal clamping Ø d 6 mm	308921 6
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3 mm	309445 3
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309402 6
ER collet Nominal clamping Ø d 2,5 mm	308901 2,5
ER collet with seal Nominal clamping Ø d 8 mm	308906 8
ER collet Nominal clamping Ø d 8 mm	308920 8
ER collet Nominal clamping Ø d 9 mm	308920 9
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309425 4,5
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 5 mm	309445 5
ER clamping nut High Speed for ER 40	309610 40
ER plain bearing clamping nut for ER 40	309612 40
ER collet with seal Nominal clamping Ø d 7 mm	308921 7
	309445 4,5

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

Single open ended spanner Width across flats 25 mm 613300 25

ER collet for machine taps with seal Nominal clamping  $\varnothing$  d 4,5 mm 309402 4,5

ER collet with seal and spray nozzles Nominal clamping  $\varnothing$  d 8 mm 308922 8

ER collet with seal and spray nozzles Nominal clamping  $\varnothing$  d 3 mm 308922 3

ET collet for thread tapping, with axial compensation Nominal clamping  $\varnothing$  d 6 mm 309425 6

ER collet with seal Nominal clamping  $\varnothing$  d 10 mm 308906 10

Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 40 308810 40

ER collet Nominal clamping  $\varnothing$  d 5 mm 308901 5

ER collet Nominal clamping  $\varnothing$  d 1,5 mm 308901 1,5

ER collet for machine taps with seal Nominal clamping  $\varnothing$  d 3,5 mm 309402 3,5

ER collet for machine taps with seal and spray nozzles Nominal clamping  $\varnothing$  d 7 mm 309404 7

ER clamping nut High Speed for ER 16 309610 16

ER collet with seal and spray nozzles Nominal clamping  $\varnothing$  d 4 mm 308922 4

Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40 308605 40

ER collet Nominal clamping  $\varnothing$  d 1 mm 308920 1

ER collet with seal and spray nozzles Nominal clamping  $\varnothing$  d 6 mm 308922 6

ER collet Nominal clamping  $\varnothing$  d 7 mm 308920 7

ER collet Nominal clamping  $\varnothing$  d 9 mm 308901 9

ER collet Nominal clamping  $\varnothing$  d 1 mm 308901 1

ET collet with radial compensation for tapping and reaming Nominal clamping  $\varnothing$  d 6 mm 309445 6

ER collet with seal Nominal clamping  $\varnothing$  d 4 mm 308906 4

Torque insert for ER mini-nuts for ER collet chuck 16	309745 16
ER collet for machine taps with seal Nominal clamping Ø d 2,8 mm	309403 2,8
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 6 mm	309404 6
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
ER collet with seal Nominal clamping Ø d 9 mm	308906 9
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309425 3,5
Pull stud sealed, form B suitable for steep tapers 40	308650 40
ER collet with seal Nominal clamping Ø d 5 mm	308921 5
Pull stud 45° sealed suitable for steep tapers 40	308765 40
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	309403 4,5
ER collet set 10 pieces 1–10 mm with seal	309164
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309403 7
Special pull stud with internal thread suitable for steep tapers 40	308740 40
ER collet with seal Nominal clamping Ø d 9 mm	308921 9
ER collet Nominal clamping Ø d 4 mm	308901 4
ER collet Nominal clamping Ø d 4 mm	308920 4
ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	308922 5
ER clamping nut for ER 40	309580 40
ER collet set 10 pieces 1–10 mm	309012
ER collet Nominal clamping Ø d 7 mm	308901 7
Pull stud 90° sealed suitable for steep tapers 40	308790 40
ER collet Nominal clamping Ø d 10 mm	308901 10
ER collet Nominal clamping Ø d 6 mm	308920 6

ER collet with seal Nominal clamping $\varnothing$ d 5 mm	308906 5
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 9 mm	309403 9
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 3,5 mm	309403 3,5
ER collet for machine taps with seal and spray nozzles Nominal clamping $\varnothing$ d 3,5 mm	309404 3,5
ER plain bearing clamping nut for ER 16	309612 16
Pull stud 90° sealed suitable for steep tapers 40	308795 40
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 4 mm	309445 4
ER collet with seal Nominal clamping $\varnothing$ d 3 mm	308921 3
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 4 mm	309402 4
ER clamping nut for HiRunER collet chucks for ER 40	309617 40
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 7 mm	309402 7
ER collet Nominal clamping $\varnothing$ d 3 mm	308920 3
ER collet Nominal clamping $\varnothing$ d 6 mm	308901 6
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 7 mm	308922 7
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 2,8 mm	309402 2,8
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 10 mm	308922 10
ER collet Nominal clamping $\varnothing$ d 10 mm	308920 10
Special pull stud with no internal thread sealed suitable for steep tapers 40	308700 40
Pull stud sealed suitable for steep tapers 40	308635 40
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 2 mm	309445 2

Wrench for pull studs ISO 7388 suitable for ISO taper size 40	308830 40
ER clamping nut for HiRunER collet chucks for ER 16	309617 16
ER collet with seal Nominal clamping $\varnothing$ d 6 mm	308906 6
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 9 mm	308922 9
Pull stud sealed, form B suitable for steep tapers 40	308620 40
ER collet Nominal clamping $\varnothing$ d 2 mm	308901 2
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 4 mm	309403 4
ER collet with seal Nominal clamping $\varnothing$ d 10 mm	308921 10
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
ER collet Nominal clamping $\varnothing$ d 3 mm	308901 3
ER collet set 10 pieces 1–10 mm with seal and spray nozzles	309165
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 9 mm	309402 9
ER collet for machine taps with seal and spray nozzles Nominal clamping $\varnothing$ d 4,5 mm	309404 4,5
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
ER collet Nominal clamping $\varnothing$ d 2 mm	308920 2
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 6 mm	309403 6
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 3,5 mm	309445 3,5
ER collet set 6 pieces, 3, 4, 5, 6, 8, 10 mm with seal	309014
Pull stud Form B suitable for steep tapers 40	308640 40
ER collet set 15 pieces 2–16 mm	309240
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
ER collet set 10 pieces 1–10 mm	309160

Pull stud Mori-Seiki, sealed, form A suitable for steep tapers  
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