

**Garant**
**ER collet chuck Form ADB, SK 50 A = 200, for ER collet size: 16**

**Order data**

Order number	300625 16
GTIN	4045197284969
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).

**Technical description**

Spare HOLEX nut No. 309580	16
for ER collets	16

Spare GARANT high-speed clamping nut No. 309610	16
Clamping range	0.5 - 10 mm
External Ø D	28 mm
Adapter	SK 50 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

ER collet Nominal clamping Ø d 8 mm	308920 8
ER colletwith seal Nominal clamping Ø d 3 mm	308921 3
ER collet Nominal clamping Ø d 7 mm	308920 7
ER collet for machine tapswith seal Nominal clamping Ø d 4,5 mm	309402 4,5
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3,5 mm	309445 3,5
Pull studForm B suitable for steep tapers 50	308640 50
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3 mm	309445 3
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309425 3,5
ER collet for machine tapswith seal Nominal clamping Ø d 6 mm	309403 6
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 7 mm	309404 7
ER collet set 10 pieces 1–10 mmwith seal	309164

ER colletwith seal Nominal clamping Ø d 9 mm	308906 9
ER colletwith seal Nominal clamping Ø d 5 mm	308921 5
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4,5 mm	309445 4,5
Special pull stud with internal thread suitable for steep tapers 50	308740 50
ER colletwith seal Nominal clamping Ø d 7 mm	308921 7
ER collet for machine tapswith seal Nominal clamping Ø d 2,8 mm	309402 2,8
ER colletwith seal and spray nozzles Nominal clamping Ø d 10 mm	308922 10
ER collet for machine tapswith seal Nominal clamping Ø d 6 mm	309402 6
ER collet Nominal clamping Ø d 4 mm	308901 4
Single open ended spanner Width across flats 25 mm	613300 25
Pull studsealed suitable for steep tapers 50	308660 50
ER colletwith seal and spray nozzles Nominal clamping Ø d 8 mm	308922 8
ER collet Nominal clamping Ø d 6 mm	308901 6
ER collet Nominal clamping Ø d 5 mm	308920 5
Special pull stud with no internal threadsealed suitable for steep tapers 50	308720 50
ER collet Nominal clamping Ø d 5 mm	308901 5
ER clamping nutfor HiRunER collet chucks for ER 16	309617 16
ER colletwith seal Nominal clamping Ø d 4 mm	308906 4
ER collet Nominal clamping Ø d 4 mm	308920 4
ER colletwith seal Nominal clamping Ø d 8 mm	308906 8
ER colletwith seal and spray nozzles Nominal clamping Ø d 5 mm	308922 5
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 8 mm	309404 8
ER colletwith seal and spray nozzles Nominal clamping Ø d 4 mm	308922 4

ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309403 9
Pull stud 90° sealed suitable for steep tapers 50	308795 50
ER collet set 10 pieces 1–10 mm with seal and spray nozzles	309165
ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	308922 6
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 50	308615 50
ER collet set 10 pieces 1–10 mm	309160
Pull stud stud sealed, form A suitable for steep tapers 50	308610 50
Pull stud 90° sealed suitable for steep tapers 50	308790 50
ER collet for machine taps with seal Nominal clamping Ø d 4 mm	309403 4
ER collet with seal Nominal clamping Ø d 4 mm	308921 4
ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm	308922 3
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309402 7
ER collet Nominal clamping Ø d 9 mm	308901 9
ER collet with seal Nominal clamping Ø d 3 mm	308906 3
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 5 mm	309445 5
Pull stud 45° sealed suitable for steep tapers 50	308765 50
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309403 8
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309425 4,5
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 3,5 mm	309404 3,5
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309403 4,5
Pull stud 60° sealed suitable for steep tapers 50	308785 50
ER collet with seal Nominal clamping Ø d 5 mm	308906 5

ER collet Nominal clamping Ø d 6 mm	308920 6
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 2,8 mm	309445 2,8
ER colletwith seal Nominal clamping Ø d 6 mm	308921 6
ER collet Nominal clamping Ø d 1,5 mm	308901 1,5
ER collet for machine tapswith seal Nominal clamping Ø d 3,5 mm	309402 3,5
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 6 mm	309404 6
ER collet Nominal clamping Ø d 3 mm	308901 3
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 4,5 mm	309404 4,5
ER collet for machine tapswith seal Nominal clamping Ø d 8 mm	309402 8
ER colletwith seal and spray nozzles Nominal clamping Ø d 9 mm	308922 9
ER clamping nut for ER 16	309580 16
ER clamping nutHigh Speed for ER 16	309610 16
Pull stud, 18CrNiMo7Form A suitable for steep tapers 50	308605 50
Pull studsealed, form B suitable for steep tapers 50	308650 50
ER collet for machine tapswith seal Nominal clamping Ø d 2,8 mm	309403 2,8
ER collet for machine tapswith seal Nominal clamping Ø d 9 mm	309402 9
ER collet set 10 pieces 1–10 mm	309012
ER collet for machine tapswith seal Nominal clamping Ø d 3,5 mm	309403 3,5
ER collet Nominal clamping Ø d 2 mm	308920 2
ER collet Nominal clamping Ø d 8 mm	308901 8
ER colletwith seal Nominal clamping Ø d 6 mm	308906 6
Torque insert for ER mini-nuts for ER collet chuck 16	309745 16
ER collet Nominal clamping Ø d 2 mm	308901 2

ER collet Nominal clamping Ø d 10 mm	308901 10
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309425 6
Wrench for pull studs ISO 7388 suitable for ISO taper size 50	308830 50
ER collet with seal Nominal clamping Ø d 7 mm	308906 7
ER collet with seal Nominal clamping Ø d 10 mm	308906 10
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	308922 7
ER collet with seal Nominal clamping Ø d 9 mm	308921 9
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50
ER collet with seal Nominal clamping Ø d 10 mm	308921 10
ER collet Nominal clamping Ø d 7 mm	308901 7
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm	309445 6
Pull stud sealed, form B suitable for steep tapers 50	308620 50
ER plain bearing clamping nut for ER 16	309612 16
ER collet Nominal clamping Ø d 10 mm	308920 10
ER collet Nominal clamping Ø d 3 mm	308920 3
ER collet Nominal clamping Ø d 2,5 mm	308901 2,5
ER collet for machine taps with seal Nominal clamping Ø d 4 mm	309402 4
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309403 7
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 2 mm	309445 2
ER collet Nominal clamping Ø d 9 mm	308920 9
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4 mm	309445 4
ER collet Nominal clamping Ø d 1 mm	308920 1
Pull stud 45° sealed suitable for steep tapers 50	308760 50
ER collet set 6 pieces, 3, 4, 5, 6, 8, 10 mm with seal	309014

Pull studForm A suitable for steep tapers 50	308600 50
ET collet for thread tapping, with axial compensation Nominal clamping $\varnothing$ d 2,8 mm	309425 2,8
ER collet Nominal clamping $\varnothing$ d 1 mm	308901 1
ER colletwith seal Nominal clamping $\varnothing$ d 8 mm	308921 8