

**Garant**
**ER collet chuck Form ADB, SK 50 A = 100, for ER collet size: 20**

**Order data**

Order number	300570 20
GTIN	4045197762849
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 - 13 mm

Overhang dimension A: 100 mm

External Ø D: 34 mm  
Spare HOLEX nut No. 309580: 20

## Technical description

for ER collets	20
Clamping range	1 - 13 mm
Overhang dimension A	100 mm
Spare HOLEX nut No. 309580	20
External Ø D	34 mm
Clamping Ø D <sub>1</sub>	1-13 mm
Adapter	SK 50 A = 100
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

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 7 mm	309446 7
Pull stud 45° sealed suitable for steep tapers 50	308765 50
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309428 6
ER collet set 12 pieces 2–13 mm	309200
ER collet Nominal clamping Ø d 4 mm	308911 4
Pull stud sealed, form A suitable for steep tapers 50	308610 50
ER collet Nominal clamping Ø d 3 mm	308911 3

ER collet Nominal clamping Ø d 2 mm	308911 2
ER collet Nominal clamping Ø d 8 mm	308930 8
Wrench for pull studs ISO 7388 suitable for ISO taper size 50	308830 50
ER collet Nominal clamping Ø d 1,5 mm	308911 1,5
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 50	308810 50
ER collet Nominal clamping Ø d 5 mm	308930 5
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 50	308615 50
ER collet Nominal clamping Ø d 10 mm	308930 10
ER collet Nominal clamping Ø d 6 mm	308911 6
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4,5 mm	309446 4,5
Pull stud sealed, form B suitable for steep tapers 50	308650 50
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm	309446 6
ER collet set 12 pieces 2–13 mm	309016
ER collet Nominal clamping Ø d 12 mm	308930 12
ER collet Nominal clamping Ø d 2 mm	308930 2
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309406 4,5
ER collet Nominal clamping Ø d 11 mm	308911 11
ER collet Nominal clamping Ø d 1 mm	308930 1
ER collet with seal Nominal clamping Ø d 5 mm	308916 5
Pull stud sealed, form B suitable for steep tapers 50	308620 50
Pull stud 45° sealed suitable for steep tapers 50	308760 50
Special pull stud with no internal thread sealed suitable for steep tapers 50	308720 50
ER collet with seal Nominal clamping Ø d 4 mm	308916 4
ER collet Nominal clamping Ø d 3 mm	308930 3
Pull stud 60° sealed suitable for steep tapers 50	308785 50

ER collet Nominal clamping $\varnothing$ d 12 mm	308911 12
Pull stud sealed suitable for steep tapers 50	308660 50
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 8 mm	309406 8
ER collet with seal Nominal clamping $\varnothing$ d 3 mm	308916 3
ER collet Nominal clamping $\varnothing$ d 13 mm	308930 13
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 3 mm	309446 3
ER collet Nominal clamping $\varnothing$ d 6 mm	308930 6
ER collet Nominal clamping $\varnothing$ d 10 mm	308911 10
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50
Special pull stud with internal thread suitable for steep tapers 50	308740 50
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 5 mm	309446 5
ER collet Nominal clamping $\varnothing$ d 7 mm	308930 7
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 8 mm	309446 8
ER collet with seal Nominal clamping $\varnothing$ d 12 mm	308916 12
ER collet with seal Nominal clamping $\varnothing$ d 6 mm	308916 6
ER collet Nominal clamping $\varnothing$ d 7 mm	308911 7
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 2,8 mm	309446 2,8
Torque insert for ER Mini nuts for ER collet chuck 20	309745 20
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 3,5 mm	309446 3,5
ET collet for thread tapping, with axial compensation Nominal clamping $\varnothing$ d 7 mm	309428 7
ET collet for thread tapping, with axial compensation Nominal clamping $\varnothing$ d 3,5 mm	309428 3,5
ER clamping nut for ER 20	309580 20
ER collet Nominal clamping $\varnothing$ d 1 mm	308911 1

ER collet Nominal clamping Ø d 9 mm	308911 9
ER collet Nominal clamping Ø d 4 mm	308930 4
ER collet Nominal clamping Ø d 5 mm	308911 5
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 50	308812 50
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm	309428 2,8
Pull stud 90° sealed suitable for steep tapers 50	308790 50
ER collet Nominal clamping Ø d 8 mm	308911 8
Pull stud 90° sealed suitable for steep tapers 50	308795 50
ER collet Nominal clamping Ø d 2,5 mm	308911 2,5
Single open ended spanner Width across flats 25 mm	613300 25
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309406 9
Special pull stud with no internal thread sealed suitable for steep tapers 50	308700 50
ER collet with seal Nominal clamping Ø d 11 mm	308916 11
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309406 6
ER collet for machine taps with seal Nominal clamping Ø d 4 mm	309406 4
Pull stud Form B suitable for steep tapers 50	308640 50
ER collet with seal Nominal clamping Ø d 10 mm	308916 10
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309406 7
ER collet set 7 pieces 3, 4, 5, 6, 8, 10, 12 mm with seal	309018
ER collet with seal Nominal clamping Ø d 9 mm	308916 9
Pull stud Form A suitable for steep tapers 50	308600 50
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 50	308605 50
ER collet with seal Nominal clamping Ø d 8 mm	308916 8
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309406 10

ER collet Nominal clamping $\varnothing$ d 13 mm	308911 13
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 3,5 mm	309406 3,5
ET collet for thread tapping, with axial compensation Nominal clamping $\varnothing$ d 4,5 mm	309428 4,5
ER collet with seal Nominal clamping $\varnothing$ d 7 mm	308916 7
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 4 mm	309446 4
ER collet Nominal clamping $\varnothing$ d 9 mm	308930 9
ER collet Nominal clamping $\varnothing$ d 11 mm	308930 11