

## Garant

### ER collet chuck Form ADB, SK 40 A = 70, for ER collet size: 20



#### Order data

Order number	300470 20
GTIN	4045197762832
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

Overhang dimension A	70 mm
for ER collets	20
Spare HOLEX nut No. 309580	20

External Ø D	34 mm
Clamping range	1 - 13 mm
Clamping Ø D <sub>1</sub>	1-13 mm
Adapter	SK 40 A = 70
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

Wrench for pull studsISO 7388 suitable for ISO taper size 40	308830 40
ER collet Nominal clamping Ø d 11 mm	308911 11
ER collet for machine tapswith seal Nominal clamping Ø d 10 mm	309406 10
ER collet for machine tapswith seal Nominal clamping Ø d 8 mm	309406 8
ER collet Nominal clamping Ø d 8 mm	308930 8
ER collet for machine tapswith seal Nominal clamping Ø d 3,5 mm	309406 3,5
ER collet Nominal clamping Ø d 5 mm	308911 5
Pull stud 45°sealed suitable for steep tapers 40	308765 40
ER collet Nominal clamping Ø d 1 mm	308911 1
Pull studsealed suitable for steep tapers 40	308635 40
Pull studMori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
Pull studsealed, form A suitable for steep tapers 40	308610 40

ER collet set 12 pieces 2–13 mm	309016
Pull studsealed, form B suitable for steep tapers 40	308650 40
ER colletwith seal Nominal clamping Ø d 8 mm	308916 8
Pull studForm A suitable for steep tapers 40	308600 40
ER collet for machine tapswith seal Nominal clamping Ø d 9 mm	309406 9
Pull stud 90°sealed suitable for steep tapers 40	308790 40
ER collet Nominal clamping Ø d 2 mm	308930 2
Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 40	308615 40
Single open ended spanner Width across flats 25 mm	613300 25
ER collet Nominal clamping Ø d 7 mm	308911 7
ER collet Nominal clamping Ø d 13 mm	308911 13
Pull stud 45°sealed suitable for steep tapers 40	308760 40
Pull stud, 18CrNiMo7Form A suitable for steep tapers 40	308605 40
Pull studMori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
ER collet Nominal clamping Ø d 7 mm	308930 7
ER clamping nut for ER 20	309580 20
ER collet Nominal clamping Ø d 6 mm	308911 6
ER collet Nominal clamping Ø d 2 mm	308911 2
ER colletwith seal Nominal clamping Ø d 3 mm	308916 3
ER plain bearing clamping nut for ER 40	309612 40
Pull stud 90°sealed suitable for steep tapers 40	308795 40
ER collet Nominal clamping Ø d 12 mm	308911 12
ER collet Nominal clamping Ø d 10 mm	308930 10
ER collet Nominal clamping Ø d 1 mm	308930 1
ER colletwith seal Nominal clamping Ø d 12 mm	308916 12
Hurco 45° pull stud with 4-mm bore and fitsealed suitable for steep tapers 40	308801 40
ER collet Nominal clamping Ø d 4 mm	308911 4

ER collet Nominal clamping Ø d 13 mm	308930 13
ER clamping nut for ER 40	309580 40
ER colletwith seal Nominal clamping Ø d 9 mm	308916 9
Pull studsealed suitable for steep tapers 40	308660 40
Pull studForm B suitable for steep tapers 40	308640 40
ER collet Nominal clamping Ø d 12 mm	308930 12
ER collet Nominal clamping Ø d 9 mm	308930 9
ER collet set 7 pieces 3, 4, 5, 6, 8, 10, 12 mmwith seal	309018
ER collet Nominal clamping Ø d 5 mm	308930 5
ER colletwith seal Nominal clamping Ø d 11 mm	308916 11
ER collet for machine tapswith seal Nominal clamping Ø d 7 mm	309406 7
ER colletwith seal Nominal clamping Ø d 10 mm	308916 10
ER clamping nutfor HiRunER collet chucks for ER 40	309617 40
ER collet set 15 pieces 2–16 mm	309240
ER collet Nominal clamping Ø d 2,5 mm	308911 2,5
ER collet Nominal clamping Ø d 4 mm	308930 4
ER collet Nominal clamping Ø d 8 mm	308911 8
Pull stud Hurco 90° with fitsealed suitable for steep tapers 40	308806 40
ER collet for machine tapswith seal Nominal clamping Ø d 4 mm	309406 4
Pull stud 60°sealed suitable for steep tapers 40	308785 40
ER collet Nominal clamping Ø d 1,5 mm	308911 1,5
ER collet Nominal clamping Ø d 3 mm	308930 3
Pull studMazak, form A suitable for steep tapers 40M	308670 40M
ER colletwith seal Nominal clamping Ø d 5 mm	308916 5
ER collet for machine tapswith seal Nominal clamping Ø d 4,5 mm	309406 4,5
ER colletwith seal Nominal clamping Ø d 6 mm	308916 6
ER collet Nominal clamping Ø d 3 mm	308911 3

ER collet set 12 pieces 2–13 mm	309200
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 $\varnothing$ d 7 mm	308916 7
ER collet with seal Nominal clamping $\varnothing$ d 4 mm	308916 4
Pull stud sealed, form B suitable for steep tapers 40	308620 40
ER clamping nut High Speed for ER 40	309610 40
Special pull stud with internal thread suitable for steep tapers 40	308740 40
ER collet Nominal clamping $\varnothing$ d 10 mm	308911 10
ER collet Nominal clamping $\varnothing$ d 9 mm	308911 9
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 6 mm	309406 6
ER collet Nominal clamping $\varnothing$ d 6 mm	308930 6
Special pull stud with no internal thread sealed suitable for steep tapers 40	308700 40
Torque insert for ER Mini nuts for ER collet chuck 20	309745 20
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
ER collet Nominal clamping $\varnothing$ d 11 mm	308930 11