

## Garant

### ER collet chuck Form ADB, SK 40 A = 160, for ER collet size: 32



#### Order data

Order number	300530 32
GTIN	4045197284778
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

Clamping range	2 - 20 mm
Spare GARANT high-speed clamping nut No. 309610	32
Spare HOLEX nut No. 309580	32
for ER collets	32

Overhang dimension A	160 mm
External Ø D	50 mm
Clamping Ø D <sub>1</sub>	2-20 mm
Adapter	SK 40 A = 160
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 for machine tapswith seal and spray nozzles Nominal clamping Ø d 11 mm	309418 11
ER colletwith seal Nominal clamping Ø d 9 mm	309001 9
ER collet Nominal clamping Ø d 11 mm	308981 11
ER colletwith seal and spray nozzles Nominal clamping Ø d 4 mm	309002 4
ER collet Nominal clamping Ø d 8 mm	308981 8
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 10 mm	309432 10
ER collet set 18 pieces 3–20 mmwith seal and spray nozzles	309285
ER colletwith seal Nominal clamping Ø d 13 mm	309001 13
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 8 mm	309448 8
ER collet Nominal clamping Ø d 16 mm	308981 16
ER colletwith seal Nominal clamping Ø d 11 mm	308986 11
ER colletwith seal Nominal clamping Ø d 19 mm	309001 19

Wrench for pull studs ISO 7388 suitable for ISO taper size 40	308830 40
ER collet Nominal clamping $\varnothing$ d 19 mm	309000 19
ER plain bearing clamping nut for ER 40	309612 40
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 6 mm	309448 6
ER collet Nominal clamping $\varnothing$ d 4 mm	309000 4
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 6 mm	309414 6
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 11 mm	309448 11
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 19 mm	309002 19
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 9 mm	309416 9
ER collet with seal Nominal clamping $\varnothing$ d 5 mm	309001 5
Pull stud sealed, form B suitable for steep tapers 40	308620 40
ER collet with seal Nominal clamping $\varnothing$ d 5 mm	308986 5
ER collet with seal Nominal clamping $\varnothing$ d 9 mm	308986 9
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 16 mm	309416 16
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 7 mm	309448 7
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 9 mm	309448 9
ER collet set 18 pieces 3–20 mm with seal	309284
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 14 mm	309002 14
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 18 mm	309416 18
ET collet for thread tapping, with axial compensation Nominal clamping $\varnothing$ d 7 mm	309432 7
Special pull stud with internal thread suitable for steep tapers 40	308740 40

Pull stud Hurco 90° with fitsealed suitable for steep tapers 40	308806 40
ER collet Nominal clamping Ø d 14 mm	308981 14
ER collet Nominal clamping Ø d 10 mm	308981 10
ER colletwith seal and spray nozzles Nominal clamping Ø d 3 mm	309002 3
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 11 mm	309432 11
ER plain bearing clamping nut for ER 32	309612 32
ER colletwith seal Nominal clamping Ø d 7 mm	309001 7
ER colletwith seal Nominal clamping Ø d 3 mm	309001 3
ER collet Nominal clamping Ø d 16 mm	309000 16
Pull studForm B suitable for steep tapers 40	308640 40
ER colletwith seal Nominal clamping Ø d 20 mm	309001 20
ER colletwith seal and spray nozzles Nominal clamping Ø d 9 mm	309002 9
ER collet Nominal clamping Ø d 7 mm	309000 7
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 14 mm	309448 14
ER collet for machine tapswith seal Nominal clamping Ø d 11 mm	309416 11
ER colletwith seal and spray nozzles Nominal clamping Ø d 18 mm	309002 18
ER colletwith seal Nominal clamping Ø d 8 mm	309001 8
ER collet Nominal clamping Ø d 17 mm	308981 17
ER collet Nominal clamping Ø d 15 mm	309000 15
ER collet Nominal clamping Ø d 11 mm	309000 11
ER colletwith seal Nominal clamping Ø d 18 mm	308986 18
ER chuck key for ER collet chuck 32	309680 32
ER colletwith seal Nominal clamping Ø d 17 mm	308986 17
ER collet set 8 pieces 4–16, 20 mmwith seal	309026
ER collet Nominal clamping Ø d 8 mm	309000 8

ER clamping nut for ER 32	309580 32
ER colletwith seal and spray nozzles Nominal clamping Ø d 20 mm	309002 20
ER colletwith seal Nominal clamping Ø d 12 mm	309001 12
ER collet Nominal clamping Ø d 5 mm	309000 5
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 12 mm	309448 12
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 4,5 mm	309418 4,5
ER colletwith seal and spray nozzles Nominal clamping Ø d 6 mm	309002 6
ER clamping nutHigh Speed for ER 32	309610 32
ER clamping nutfor HiRunER collet chucks for ER 40	309617 40
ER collet for machine tapswith seal Nominal clamping Ø d 20 mm	309416 20
ER clamping nutHigh Speed for ER 40	309610 40
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 7 mm	309418 7
ER colletwith seal and spray nozzles Nominal clamping Ø d 8 mm	309002 8
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 5 mm	309448 5
ER collet for machine tapswith seal Nominal clamping Ø d 6 mm	309416 6
ER colletwith seal and spray nozzles Nominal clamping Ø d 10 mm	309002 10
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 9 mm	309418 9
ER collet Nominal clamping Ø d 9 mm	309000 9
ER collet Nominal clamping Ø d 17 mm	309000 17
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 16 mm	309418 16
ER collet Nominal clamping Ø d 19 mm	308981 19

ER colletwith seal Nominal clamping Ø d 10 mm	308986 10
Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 10 mm	309418 10
Pull studsealed suitable for steep tapers 40	308635 40
ER collet Nominal clamping Ø d 6 mm	308981 6
ER colletwith seal Nominal clamping Ø d 6 mm	308986 6
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 12 mm	309418 12
ER collet for machine tapswith seal Nominal clamping Ø d 14 mm	309416 14
Pull stud 90°sealed suitable for steep tapers 40	308790 40
ER collet for machine tapswith seal Nominal clamping Ø d 16 mm	309414 16
ER colletwith seal Nominal clamping Ø d 6 mm	309001 6
ER colletwith seal and spray nozzles Nominal clamping Ø d 17 mm	309002 17
ER colletwith seal Nominal clamping Ø d 16 mm	309001 16
Pull studForm A suitable for steep tapers 40	308600 40
ER collet for machine tapswith seal Nominal clamping Ø d 14 mm	309414 14
ER collet Nominal clamping Ø d 13 mm	308981 13
ER collet for machine tapswith seal Nominal clamping Ø d 4,5 mm	309414 4,5
ER colletwith seal Nominal clamping Ø d 8 mm	308986 8
Special pull stud with no internal threadsealed suitable for steep tapers 40	308700 40
ER colletwith seal Nominal clamping Ø d 16 mm	308986 16
Pull stud Hurco 45° with fitsealed suitable for steep tapers 40	308802 40
ER collet Nominal clamping Ø d 3 mm	309000 3
ER collet Nominal clamping Ø d 6 mm	309000 6

ER clamping nut for ER 40	309580 40
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 6 mm	309418 6
Pull stud 90°sealed suitable for steep tapers 40	308795 40
ER collet for machine tapswith seal Nominal clamping Ø d 12 mm	309414 12
ER colletwith seal Nominal clamping Ø d 15 mm	308986 15
ER collet for machine tapswith seal Nominal clamping Ø d 9 mm	309414 9
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309432 8
Hurco 45° pull stud with 4-mm bore and fitsealed suitable for steep tapers 40	308801 40
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309432 4,5
ER colletwith seal and spray nozzles Nominal clamping Ø d 13 mm	309002 13
ER colletwith seal Nominal clamping Ø d 14 mm	309001 14
Pull studsealed suitable for steep tapers 40	308660 40
Pull stud 45°sealed suitable for steep tapers 40	308760 40
ER collet for machine tapswith seal Nominal clamping Ø d 11 mm	309414 11
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309432 9
ER collet Nominal clamping Ø d 12 mm	308981 12
ER collet Nominal clamping Ø d 3 mm	308981 3
ER collet set 15 pieces 2–16 mm	309240
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 8 mm	309418 8
ER colletwith seal Nominal clamping Ø d 4 mm	308986 4
ER colletwith seal Nominal clamping Ø d 19 mm	308986 19
Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 40	308615 40

ER colletwith seal Nominal clamping Ø d 15 mm	309001 15
ER collet Nominal clamping Ø d 14 mm	309000 14
ER colletwith seal Nominal clamping Ø d 12 mm	308986 12
ER clamping nutfor HiRunER collet chucks for ER 32	309617 32
ER colletwith seal Nominal clamping Ø d 10 mm	309001 10
Pull studMori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
ER collet Nominal clamping Ø d 4 mm	308981 4
ER colletwith seal and spray nozzles Nominal clamping Ø d 5 mm	309002 5
ER colletwith seal and spray nozzles Nominal clamping Ø d 15 mm	309002 15
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4 mm	309448 4
ER collet for machine tapswith seal Nominal clamping Ø d 10 mm	309414 10
ER collet for machine tapswith seal Nominal clamping Ø d 7 mm	309414 7
ER collet for machine tapswith seal Nominal clamping Ø d 4,5 mm	309416 4,5
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 14 mm	309418 14
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309432 6
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 12 mm	309432 12
ER colletwith seal and spray nozzles Nominal clamping Ø d 16 mm	309002 16
ER collet Nominal clamping Ø d 18 mm	309000 18
ER collet Nominal clamping Ø d 10 mm	309000 10
ER collet Nominal clamping Ø d 13 mm	309000 13
ER collet for machine tapswith seal Nominal clamping Ø d 10 mm	309416 10



ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 10 mm	309448 10
Pull stud 45°sealed suitable for steep tapers 40	308765 40
ER colletwith seal Nominal clamping Ø d 7 mm	308986 7
ER collet set 18 pieces 3–20 mm	309280
Pull studsealed, form A suitable for steep tapers 40	308610 40
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 18 mm	309418 18
ER colletwith seal and spray nozzles Nominal clamping Ø d 7 mm	309002 7
Pull stud, 18CrNiMo7Form A suitable for steep tapers 40	308605 40
ER colletwith seal Nominal clamping Ø d 3 mm	308986 3
ER collet for machine tapswith seal Nominal clamping Ø d 7 mm	309416 7
ER collet for machine tapswith seal Nominal clamping Ø d 20 mm	309414 20
ER collet Nominal clamping Ø d 18 mm	308981 18
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4,5 mm	309448 4,5
ER collet Nominal clamping Ø d 5 mm	308981 5
ER collet set 18 pieces 3–20 mm	309024
ER collet for machine tapswith seal Nominal clamping Ø d 8 mm	309414 8
ER colletwith seal Nominal clamping Ø d 14 mm	308986 14
ER colletwith seal and spray nozzles Nominal clamping Ø d 12 mm	309002 12
ER colletwith seal Nominal clamping Ø d 13 mm	308986 13
Pull stud 60°sealed suitable for steep tapers 40	308785 40
ER collet Nominal clamping Ø d 15 mm	308981 15
ER colletwith seal Nominal clamping Ø d 11 mm	309001 11
ER collet for machine tapswith seal Nominal clamping Ø d 18 mm	309414 18

ER collet Nominal clamping Ø d 20 mm	309000 20
ER colletwith seal Nominal clamping Ø d 18 mm	309001 18
ER colletwith seal Nominal clamping Ø d 20 mm	308986 20
ER colletwith seal Nominal clamping Ø d 17 mm	309001 17
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 20 mm	309418 20
Pull studMori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
ER collet for machine tapswith seal Nominal clamping Ø d 12 mm	309416 12
ER colletwith seal Nominal clamping Ø d 4 mm	309001 4
ER collet Nominal clamping Ø d 7 mm	308981 7
ER collet Nominal clamping Ø d 20 mm	308981 20
ER colletwith seal and spray nozzles Nominal clamping Ø d 11 mm	309002 11
Pull studMazak, form A suitable for steep tapers 40M	308670 40M
ER collet Nominal clamping Ø d 12 mm	309000 12
ER collet Nominal clamping Ø d 9 mm	308981 9
ER collet for machine tapswith seal Nominal clamping Ø d 8 mm	309416 8
Pull studsealed, form B suitable for steep tapers 40	308650 40