

**Garant**
**ER collet chuck mini / slim Form ADB, SK 40 A = 100, for ER collet size: 20 ER**


## Order data

Order number	300650 20
GTIN	4045197762597
Item class	31A

## Description

### Version:

Clamping nut fine balanced **for HSC**. ER11 through bored. Shanks hard turned (smooth cutting action!).

· **With Balluffchip bore as standard.**

### Application:

For clamping tools with plain shank to DIN 6499.

### Supplied with:

High speed ER mini nut No. 309650.

### Optional extras:

ER collets No. 308881 – 309434, ER lock wrench No. 309740.

Pull studs (PS) No. 308600 – 308806. PS chuck key No. 308820; 308830.

Machining strategy: HSC

Clamping range: 1 - 13 mm

External Ø D: 28 mm

Suitable chuck key No. 309740: 20

## Technical description

External Ø D	28 mm
for ER collets	20 mm
Suitable chuck key No. 309740	20
Clamping range	1 - 13 mm
Usable length L <sub>N</sub>	73 mm

Adapter	SK 40 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
Type of product	Collet chuck

## Accessories

Torque insert for Pull studs to SO 7388 suitable for ISO taper size 40	308812 40
ER collet Nominal clamping Ø d 1,5 mm	308911 1,5
ER collet Nominal clamping Ø d 4 mm	308911 4
Pull stud sealed suitable for steep tapers 40	308660 40
Torque insert for ER mini-nuts for ER collet chuck 20	309745 20
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3,5 mm	309446 3,5
ER collet set 7 pieces 3, 4, 5, 6, 8, 10, 12 mm with seal	309018
ER collet Nominal clamping Ø d 9 mm	308911 9
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3 mm	309446 3
Pull stud sealed, form B suitable for steep tapers 40	308650 40
ER collet Nominal clamping Ø d 8 mm	308911 8
Pull stud 90° sealed suitable for steep tapers 40	308790 40
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 7 mm	309446 7
ER collet Nominal clamping Ø d 10 mm	308930 10

ER collet for machine taps with seal Nominal clamping $\varnothing$ d 7 mm	309406 7
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 7 mm	308911 7
Pull stud 45° sealed suitable for steep tapers 40	308760 40
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
Wrench for pull studs ISO 7388 suitable for ISO taper size 40	308830 40
Pull stud Form A suitable for steep tapers 40	308600 40
ER collet set 15 pieces 2–16 mm	309240
ER collet Nominal clamping $\varnothing$ d 8 mm	308930 8
ER collet Nominal clamping $\varnothing$ d 12 mm	308911 12
ER collet Nominal clamping $\varnothing$ d 11 mm	308911 11
Pull stud 45° sealed suitable for steep tapers 40	308765 40
ER collet Nominal clamping $\varnothing$ d 5 mm	308911 5
ER collet with seal Nominal clamping $\varnothing$ d 3 mm	308916 3
ET collet for thread tapping, with axial compensation Nominal clamping $\varnothing$ d 4,5 mm	309428 4,5
ER collet Nominal clamping $\varnothing$ d 2 mm	308911 2
ER collet set 12 pieces 2–13 mm	309200
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
Pull stud sealed suitable for steep tapers 40	308635 40
Special pull stud with no internal thread sealed suitable for steep tapers 40	308700 40
ER collet Nominal clamping $\varnothing$ d 13 mm	308911 13
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 4,5 mm	309406 4,5
ER collet Nominal clamping $\varnothing$ d 1 mm	308911 1
	309406 6

ER collet for machine taps with seal Nominal clamping Ø d 6 mm

Special pull stud with internal thread suitable for steep tapers 40

308740 40

ER collet with seal Nominal clamping Ø d 8 mm

308916 8

Pull stud Mazak sealed, form A suitable for steep tapers 40M

308670 40M

ER collet for machine taps with seal Nominal clamping Ø d 9 mm

309406 9

Pull stud 90° sealed suitable for steep tapers 40

308795 40

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 8 mm

309446 8

ER collet with seal Nominal clamping Ø d 10 mm

308916 10

ER collet Nominal clamping Ø d 12 mm

308930 12

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 2,8 mm

309446 2,8

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4 mm

309446 4

ER collet Nominal clamping Ø d 3 mm

308911 3

ER collet Nominal clamping Ø d 11 mm

308930 11

ER collet with seal Nominal clamping Ø d 7 mm

308916 7

ER collet Nominal clamping Ø d 5 mm

308930 5

ER collet Nominal clamping Ø d 13 mm

308930 13

Pull stud sealed, form B suitable for steep tapers 40

308620 40

ER chuck key 1/2 inch socket for ER collet chuck 40

309700 40

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

308810 40

ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm

309428 2,8

Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40

308630 40

ER collet Nominal clamping Ø d 6 mm

308911 6

ER collet Nominal clamping Ø d 2,5 mm

308911 2,5

ER collet Nominal clamping Ø d 10 mm	308911 10
ER collet with seal Nominal clamping Ø d 9 mm	308916 9
Pull stud stud sealed, form A suitable for steep tapers 40	308610 40
ER collet Nominal clamping Ø d 6 mm	308930 6
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309428 3,5
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4,5 mm	309446 4,5
ER collet with seal Nominal clamping Ø d 6 mm	308916 6
ER collet for machine taps with seal Nominal clamping Ø d 3,5 mm	309406 3,5
Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40	308801 40
Pull stud 60° sealed suitable for steep tapers 40	308785 40
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
Pull stud Form B suitable for steep tapers 40	308640 40
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
Wrench for ER Mini nuts for ER collet chuck 20	309740 20
ER chuck key for ER collet chuck 40	309680 40
ER collet with seal Nominal clamping Ø d 5 mm	308916 5
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309428 7
ER collet with seal Nominal clamping Ø d 4 mm	308916 4
ER collet set 12 pieces 2–13 mm	309016
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309406 8
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm	309446 6
ER collet Nominal clamping Ø d 3 mm	308930 3
ER collet Nominal clamping Ø d 4 mm	308930 4

ER collet for machine taps with seal Nominal clamping Ø d 4 mm	309406 4
ER collet with seal Nominal clamping Ø d 11 mm	308916 11
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309406 10
ER collet Nominal clamping Ø d 9 mm	308930 9
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 5 mm	309446 5
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309428 6
ER collet with seal Nominal clamping Ø d 12 mm	308916 12
ER collet Nominal clamping Ø d 7 mm	308930 7
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40	308605 40
ER collet Nominal clamping Ø d 1 mm	308930 1
ER collet Nominal clamping Ø d 2 mm	308930 2