

**Garant**
**ER collet chuck mini / slim Form ADB, SK 40 A = 160, for ER collet size: 25**

**Order data**

Order number	300665 25
GTIN	4045197287816
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 - 16 mm

Overhang dimension A: 160 mm

External Ø D: 35 mm

Suitable chuck key No. 309740: 25

**Technical description**

Suitable chuck key No. 309740	25
Overhang dimension A	160 mm
for ER collets	25 mm
Clamping range	1 - 16 mm

External $\varnothing$ D	35 mm
Usable length $L_N$	80 mm
Clamping $\varnothing$ $D_1$	1-16 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	$\leq 3 \mu\text{m}$
Machining strategy	HSC
Type of product	Collet chuck

## Accessories

ER collet with seal Nominal clamping $\varnothing$ d 11 mm	308946 11
ER collet Nominal clamping $\varnothing$ d 13 mm	308960 13
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 4 mm	309447 4
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 5 mm	308962 5
ER collet Nominal clamping $\varnothing$ d 13 mm	308941 13
ER collet Nominal clamping $\varnothing$ d 2 mm	308941 2
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 12 mm	309411 12
Pull stud Form B suitable for steep tapers 40	308640 40
ER collet with seal Nominal clamping $\varnothing$ d 6 mm	308946 6
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 4,5 mm	309447 4,5
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
ET collet for thread tapping, with axial compensation Nominal clamping $\varnothing$ d 2,8 mm	309430 2,8

ER collet with seal and spray nozzles Nominal clamping Ø d 12 mm	308962 12
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
Pull stud 90° sealed suitable for steep tapers 40	308790 40
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	308962 7
ER collet with seal Nominal clamping Ø d 15 mm	308959 15
ER collet with seal Nominal clamping Ø d 7 mm	308946 7
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309411 10
ER collet with seal Nominal clamping Ø d 8 mm	308959 8
ER collet Nominal clamping Ø d 14 mm	308941 14
ER collet with seal and spray nozzles Nominal clamping Ø d 16 mm	308962 16
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309409 7
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309430 4,5
ER collet with seal and spray nozzles Nominal clamping Ø d 15 mm	308962 15
Wrench for pull studs ISO 7388 suitable for ISO taper size 40	308830 40
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 9 mm	309447 9
ER collet with seal Nominal clamping Ø d 10 mm	308946 10
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3 mm	309447 3
Pull stud sealed suitable for steep tapers 40	308635 40
ER collet for machine taps with seal Nominal clamping Ø d 11 mm	309409 11
ER collet set 15 pieces 2–16 mm with seal	309244
ER collet with seal and spray nozzles Nominal clamping Ø d 9 mm	308962 9

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 10 mm	309447 10
ER collet with seal Nominal clamping Ø d 3 mm	308946 3
ER collet with seal Nominal clamping Ø d 5 mm	308946 5
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40	308605 40
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309409 8
ER collet with seal Nominal clamping Ø d 16 mm	308959 16
ER collet Nominal clamping Ø d 11 mm	308960 11
ER chuck key 1/2 inch socket for ER collet chuck 25	309700 25
ER collet with seal Nominal clamping Ø d 3 mm	308959 3
Pull stud Form A suitable for steep tapers 40	308600 40
Wrench for ER Mini nuts for ER collet chuck 25	309740 25
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 10 mm	309430 10
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 40	308810 40
ER collet with seal Nominal clamping Ø d 16 mm	308946 16
ER collet with seal Nominal clamping Ø d 13 mm	308959 13
ER collet Nominal clamping Ø d 6 mm	308960 6
ER collet Nominal clamping Ø d 5 mm	308960 5
ER collet set 15 pieces 2–16 mm with seal and spray nozzles	309245
ER collet set 15 pieces 2–16 mm	309240
ER collet with seal and spray nozzles Nominal clamping Ø d 4 mm	308962 4
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309409 6
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 8 mm	309413 8
ER collet Nominal clamping Ø d 10 mm	308941 10
ER collet Nominal clamping Ø d 4 mm	308960 4

ER collet Nominal clamping Ø d 12 mm	308960 12
ER collet Nominal clamping Ø d 10 mm	308960 10
ER collet Nominal clamping Ø d 11 mm	308941 11
ER collet with seal Nominal clamping Ø d 5 mm	308959 5
Pull stud sealed, form A suitable for steep tapers 40	308610 40
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309430 8
ER collet with seal Nominal clamping Ø d 4 mm	308946 4
ER collet with seal Nominal clamping Ø d 12 mm	308946 12
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309411 4,5
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 5 mm	309447 5
ER collet with seal Nominal clamping Ø d 12 mm	308959 12
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309409 10
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
ER chuck key for ER collet chuck 25	309680 25
ER collet Nominal clamping Ø d 3 mm	308941 3
ER collet Nominal clamping Ø d 8 mm	308960 8
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
ER collet Nominal clamping Ø d 5 mm	308941 5
ER collet with seal and spray nozzles Nominal clamping Ø d 11 mm	308962 11
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309411 7
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309430 3,5
Pull stud Mazak, form A suitable for steep tapers 40M	308670 40M
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 8 mm	309447 8

ER collet with seal Nominal clamping Ø d 9 mm	308946 9
ER chuck key 1/2 inch socket for ER collet chuck 40	309700 40
Pull stud 90° sealed suitable for steep tapers 40	308795 40
ER collet for machine taps with seal Nominal clamping Ø d 14 mm	309409 14
ER collet with seal Nominal clamping Ø d 14 mm	308946 14
ER collet with seal Nominal clamping Ø d 8 mm	308946 8
ER collet Nominal clamping Ø d 2 mm	308960 2
ER collet with seal Nominal clamping Ø d 9 mm	308959 9
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309409 9
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 10 mm	309413 10
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 14 mm	309413 14
ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm	308962 8
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309430 7
Pull stud 45° sealed suitable for steep tapers 40	308760 40
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309411 9
ER collet Nominal clamping Ø d 6 mm	308941 6
Special pull stud with internal thread suitable for steep tapers 40	308740 40
ER collet Nominal clamping Ø d 9 mm	308941 9
ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm	308962 3
ER collet for machine taps with seal Nominal clamping Ø d 14 mm	309411 14
ER collet with seal and spray nozzles Nominal clamping Ø d 14 mm	308962 14
	308801 40

Hurco 45° pull stud with 4-mm bore and fit sealed suitable for steep tapers 40

ER chuck key for ER collet chuck 40	309680 40
ER collet with seal and spray nozzles Nominal clamping Ø d 13 mm	308962 13
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309430 6
ER collet Nominal clamping Ø d 3 mm	308960 3
ER collet for machine taps with seal Nominal clamping Ø d 16 mm	309409 16
Pull stud sealed suitable for steep tapers 40	308660 40
Pull stud sealed, form B suitable for steep tapers 40	308650 40
ER collet with seal Nominal clamping Ø d 14 mm	308959 14
ER collet Nominal clamping Ø d 15 mm	308960 15
ER collet with seal Nominal clamping Ø d 11 mm	308959 11
ER collet for machine taps with seal Nominal clamping Ø d 12 mm	309409 12
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 9 mm	309413 9
ER collet Nominal clamping Ø d 2,5 mm	308941 2,5
ER collet Nominal clamping Ø d 15 mm	308941 15
ER collet with seal Nominal clamping Ø d 10 mm	308959 10
Pull stud 60° sealed suitable for steep tapers 40	308785 40
ER collet for machine taps with seal Nominal clamping Ø d 11 mm	309411 11
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 6 mm	309413 6
ER collet set 7 pieces 4–16 mm with seal	309022
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 4,5 mm	309413 4,5
ER collet Nominal clamping Ø d 16 mm	308941 16
ER collet Nominal clamping Ø d 9 mm	308960 9

ER collet Nominal clamping Ø d 12 mm	308941 12
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309411 6
Special pull stud with no internal thread sealed suitable for steep tapers 40	308700 40
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309430 9
Torque insert for ER Mini nuts for ER collet chuck 25	309745 25
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3,5 mm	309447 3,5
Torque wrench with reversible ratchet maximum torque 200 N·m	656050 200
ER collet for machine taps with seal Nominal clamping Ø d 16 mm	309411 16
ER collet Nominal clamping Ø d 14 mm	308960 14
ER Mini clamping nut for ER 25	309650 25
ER collet Nominal clamping Ø d 7 mm	308960 7
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm	309447 6
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 7 mm	309447 7
ER collet Nominal clamping Ø d 4 mm	308941 4
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 7 mm	309413 7
ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm	308962 10
ER collet with seal Nominal clamping Ø d 4 mm	308959 4
ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	308962 6
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 11 mm	309413 11
	309411 8



ER collet for machine taps with seal Nominal clamping Ø d 8 mm

ER collet with seal Nominal clamping Ø d 7 mm	308959 7
ER collet with seal Nominal clamping Ø d 15 mm	308946 15
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 40	308812 40
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 Ø d 6 mm	308959 6
ER collet Nominal clamping Ø d 16 mm	308960 16
ER collet Nominal clamping Ø d 7 mm	308941 7
ER collet with seal Nominal clamping Ø d 13 mm	308946 13
ER collet Nominal clamping Ø d 8 mm	308941 8
Pull stud sealed, form B suitable for steep tapers 40	308620 40
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 12 mm	309413 12
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309409 4,5
Pull stud 45° sealed suitable for steep tapers 40	308765 40