

Garant
HiRunER precision ER collet chuck, SK 40 A = 70, for ER collet size: 25 ER

Order data

Order number	300642 25
GTIN	4045197771513
Item class	31A

Description
Version:

External and internal tapers are ground. All shanks are hard turned for a smooth cutting action. Including Balluffchip bore, high-performance clamping nut up to 25000 rpm.

Advantage:

- **3 µm radial run-out with a 2 µm clamping nut, 6 µm radial run-out with a 5 µm clamping nut.**
- **Extremely strong holding force (up to factor 2 better than the standard ER chuck).**
- **Vibration reduction effect due to 2-part clamping nut (size 11M and 16M 1-piece).**

Application:

For clamping tools with plain shank in collets to DIN 6499 - Form A and B.

Supplied with:
Precision clamping nut.
Optional extras:

Pull studs (PS) No. 308600 – 308806,
 PS wrenches No. 308820 – 308835,
 ER collets No. 308901 – 309434,
 ER clamping wrenches No. 309748; 309749; 309758; 309759,
 Fahrion ER collets No. 308901 – 309434.

Note:

- **Clamps only nominal Ø up to shank Ø tolerance h 10.**
- **Do not use the clamping nut in combination with a sealing washer.**
- **Use in combination with Fahrion collets.**

Use the precision collet chuck always in conjunction with the precision clamping nut No. 309617.

Machining strategy: HSC

Clamping range: 1 - 16 mm

External Ø D: 44 mm
Spare ER clamping nut No. 309617: 25

Technical description

Clamping range	1 - 16 mm
External Ø D	44 mm
Spare ER clamping nut No. 309617	25
for ER collets	25
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	HPC
Machining strategy	HSC
Balluffchip bore	yes
Type of product	Collet chuck

Accessories

ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 6 mm	309413 6
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 8 mm	309447 8
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 40	308810 40
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 10 mm	309447 10
ER collet for machine taps with seal Nominal clamping Ø d 11 mm	309411 11
ER collet Nominal clamping Ø d 2,5 mm	308941 2,5

Pull stud 90° sealed suitable for steep tapers 40	308795 40
ER collet Nominal clamping Ø d 5 mm	308941 5
ER collet Nominal clamping Ø d 6 mm	308941 6
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4,5 mm	309447 4,5
ER collet with seal Nominal clamping Ø d 3 mm	308946 3
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4 mm	309447 4
ER collet with seal Nominal clamping Ø d 4 mm	308959 4
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309409 9
Pull stud 60° sealed suitable for steep tapers 40	308785 40
Special pull stud with internal thread suitable for steep tapers 40	308740 40
ER collet for machine taps with seal Nominal clamping Ø d 14 mm	309411 14
ER collet Nominal clamping Ø d 16 mm	308941 16
ER collet with seal Nominal clamping Ø d 6 mm	308946 6
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309430 4,5
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3 mm	309447 3
ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm	308962 3
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309430 8
ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	308962 5
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309409 7
ER collet with seal Nominal clamping Ø d 16 mm	308946 16
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309430 9

ER collet Nominal clamping Ø d 8 mm	308960 8
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	308962 7
Pull stud 45° sealed suitable for steep tapers 40	308765 40
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309411 4,5
ER collet Nominal clamping Ø d 15 mm	308960 15
ER chuck key 1/2 inch socket for ER collet chuck 40	309700 40
ER collet with seal Nominal clamping Ø d 11 mm	308959 11
ER collet Nominal clamping Ø d 15 mm	308941 15
ER collet for machine taps with seal Nominal clamping Ø d 14 mm	309409 14
Special pull stud with no internal thread sealed suitable for steep tapers 40	308700 40
ER collet Nominal clamping Ø d 13 mm	308941 13
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309409 4,5
ER collet with seal and spray nozzles Nominal clamping Ø d 13 mm	308962 13
ER collet with seal Nominal clamping Ø d 7 mm	308959 7
ER collet Nominal clamping Ø d 14 mm	308960 14
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
ER collet with seal and spray nozzles Nominal clamping Ø d 12 mm	308962 12
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309411 10
Pull stud 90° sealed suitable for steep tapers 40	308790 40
ER collet Nominal clamping Ø d 14 mm	308941 14
ER collet with seal Nominal clamping Ø d 11 mm	308946 11
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 8 mm	309413 8
	308962 16

ER collet with seal and spray nozzles Nominal clamping Ø d 16 mm

ET collet for thread tapping, with axial compensation
Nominal clamping Ø d 10 mm

309430 10

Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40

308605 40

ER collet with seal Nominal clamping Ø d 8 mm

308959 8

ER collet Nominal clamping Ø d 16 mm

308960 16

ER collet Nominal clamping Ø d 2 mm

308960 2

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

308630 40

Pull stud 45° sealed suitable for steep tapers 40

308760 40

ER collet with seal Nominal clamping Ø d 15 mm

308959 15

ER collet with seal Nominal clamping Ø d 14 mm

308959 14

ER collet with seal and spray nozzles Nominal clamping Ø
d 6 mm

308962 6

ER collet with seal Nominal clamping Ø d 4 mm

308946 4

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

309409 12

ER collet with seal Nominal clamping Ø d 15 mm

308946 15

ER collet Nominal clamping Ø d 8 mm

308941 8

ER collet Nominal clamping Ø d 6 mm

308960 6

ER collet for machine taps with seal and spray nozzles
Nominal clamping Ø d 7 mm

309413 7

ER collet Nominal clamping Ø d 7 mm

308941 7

Pull stud sealed, form B suitable for steep tapers 40

308650 40

ER collet for machine taps with seal and spray nozzles
Nominal clamping Ø d 10 mm

309413 10

ER collet with seal Nominal clamping Ø d 7 mm

308946 7

ER collet for machine taps with seal and spray nozzles
Nominal clamping Ø d 11 mm

309413 11

ER collet with seal Nominal clamping Ø d 6 mm

308959 6

ER chuck key for ER collet chuck 40

309680 40

ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309411 6
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309409 6
ER collet with seal Nominal clamping Ø d 10 mm	308959 10
ER collet with seal Nominal clamping Ø d 16 mm	308959 16
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309430 3,5
ER collet for machine taps with seal Nominal clamping Ø d 11 mm	309409 11
ER collet Nominal clamping Ø d 7 mm	308960 7
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3,5 mm	309447 3,5
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm	308962 10
ER collet with seal Nominal clamping Ø d 3 mm	308959 3
ER collet Nominal clamping Ø d 4 mm	308960 4
ER collet for machine taps with seal Nominal clamping Ø d 12 mm	309411 12
ER collet Nominal clamping Ø d 4 mm	308941 4
ER collet with seal Nominal clamping Ø d 9 mm	308946 9
Wrench for ER Mini nuts for ER collet chuck 25	309740 25
ER collet with seal Nominal clamping Ø d 9 mm	308959 9
ER collet with seal Nominal clamping Ø d 14 mm	308946 14
Pull stud sealed suitable for steep tapers 40	308660 40
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm	309430 2,8
ER chuck key 1/2 inch socket for ER collet chuck 25	309700 25
ER collet Nominal clamping Ø d 9 mm	308941 9
ER collet with seal Nominal clamping Ø d 12 mm	308959 12

ER collet with seal and spray nozzles Nominal clamping Ø d 11 mm	308962 11
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
ER collet with seal Nominal clamping Ø d 13 mm	308959 13
ER collet Nominal clamping Ø d 12 mm	308941 12
ER collet Nominal clamping Ø d 9 mm	308960 9
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
ER collet set 7 pieces 4–16 mm with seal	309022
ER collet Nominal clamping Ø d 5 mm	308960 5
Pull stud Form B suitable for steep tapers 40	308640 40
ER collet with seal and spray nozzles Nominal clamping Ø d 14 mm	308962 14
ER collet Nominal clamping Ø d 11 mm	308960 11
Pull stud Mazak sealed, form A suitable for steep tapers 40M	308670 40M
ER collet with seal Nominal clamping Ø d 12 mm	308946 12
ER collet Nominal clamping Ø d 13 mm	308960 13
ER collet Nominal clamping Ø d 11 mm	308941 11
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309411 9
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 5 mm	309447 5
Torque insert for ER mini-nuts for ER collet chuck 25	309745 25
Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40	308801 40
ER collet with seal Nominal clamping Ø d 10 mm	308946 10
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309430 6
ER collet set 15 pieces 2–16 mm	309240
ER collet for machine taps with seal Nominal clamping Ø d 16 mm	309411 16

ER collet for machine taps with seal Nominal clamping Ø d 16 mm	309409 16
Pull stud sealed suitable for steep tapers 40	308635 40
ER collet Nominal clamping Ø d 10 mm	308960 10
ER collet with seal Nominal clamping Ø d 5 mm	308959 5
ER collet with seal Nominal clamping Ø d 13 mm	308946 13
ER collet with seal Nominal clamping Ø d 5 mm	308946 5
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 4,5 mm	309413 4,5
ER collet with seal and spray nozzles Nominal clamping Ø d 15 mm	308962 15
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 9 mm	309413 9
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 9 mm	309447 9
ER collet Nominal clamping Ø d 3 mm	308960 3
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 14 mm	309413 14
ER collet set 15 pieces 2–16 mm with seal and spray nozzles	309245
ER collet with seal Nominal clamping Ø d 8 mm	308946 8
Wrench for pull studs ISO 7388 suitable for ISO taper size 40	308830 40
ER collet Nominal clamping Ø d 2 mm	308941 2
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309411 8
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 7 mm	309447 7
ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm	308962 8

Torque insert for Pull studs to SO 7388 suitable for ISO taper size 40	308812 40
ER collet with seal and spray nozzles Nominal clamping Ø d 4 mm	308962 4
ER collet Nominal clamping Ø d 10 mm	308941 10
ER collet set 15 pieces 2–16 mm with seal	309244
Pull stud sealed, form B suitable for steep tapers 40	308620 40
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309409 8
ER collet Nominal clamping Ø d 12 mm	308960 12
ER chuck key for ER collet chuck 25	309680 25
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm	309447 6
Pull stud Form A suitable for steep tapers 40	308600 40
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309409 10
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309430 7
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309411 7
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
Pull stud stud sealed, form A suitable for steep tapers 40	308610 40
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 12 mm	309413 12
ER collet Nominal clamping Ø d 3 mm	308941 3