

Garant
HiRunER precision ER collet chuck, SK 50 A = 70, for ER collet size: 40 ER

Order data

Order number	300646 40
GTIN	4045197869890
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: HPC

Clamping range: 3 - 26 mm
 External Ø D: 62 mm
 Spare ER clamping nut No. 309617: 40

Technical description

for ER collets	40
External Ø D	62 mm
Clamping range	3 - 26 mm
Spare ER clamping nut No. 309617	40
Adapter	SK 50 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
Machining strategy	HPC
Balluffchip bore	yes
Type of product	Collet chuck

Accessories

ER collet Nominal clamping Ø d 19 mm	308990 19
ER collet Nominal clamping Ø d 25 mm	308990 25
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4,5 mm	309449 4,5
Pull stud sealed, form B suitable for steep tapers 50	308650 50
Wrench for pull studs ISO 7388 suitable for ISO taper size 50	308830 50
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 11 mm	309449 11
Pull stud Form A suitable for steep tapers 50	308600 50

ER collet Nominal clamping Ø d 15 mm	309040 15
Special pull stud with no internal thread sealed suitable for steep tapers 50	308720 50
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4 mm	309449 4
Pull stud Form B suitable for steep tapers 50	308640 50
ER collet with seal Nominal clamping Ø d 22 mm	308992 22
ER collet with seal Nominal clamping Ø d 14 mm	308992 14
ER collet for machine taps with seal Nominal clamping Ø d 14 mm	309419 14
ER collet Nominal clamping Ø d 9 mm	308990 9
ER collet Nominal clamping Ø d 6 mm	309040 6
Pull stud 45° sealed suitable for steep tapers 50	308765 50
ER collet Nominal clamping Ø d 19 mm	309040 19
ER collet Nominal clamping Ø d 4 mm	308990 4
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309419 9
ER collet Nominal clamping Ø d 21 mm	308990 21
ER collet set 23 pieces 4–26 mm	309320
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309434 8
ER collet Nominal clamping Ø d 5 mm	308990 5
ER collet with seal Nominal clamping Ø d 25 mm	308992 25
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309419 6
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 9 mm	309449 9
ER collet with seal Nominal clamping Ø d 12 mm	308992 12
ER collet with seal Nominal clamping Ø d 10 mm	308992 10
ER collet Nominal clamping Ø d 16 mm	309040 16
ER chuck key for ER collet chuck 40	309680 40
ER collet with seal Nominal clamping Ø d 18 mm	308992 18

ER collet with seal Nominal clamping Ø d 6 mm	308992 6
ER collet Nominal clamping Ø d 26 mm	309040 26
ER collet Nominal clamping Ø d 23 mm	308990 23
Pull stud 45° sealed suitable for steep tapers 50	308760 50
ER collet Nominal clamping Ø d 7 mm	308990 7
ER collet with seal Nominal clamping Ø d 8 mm	308992 8
ER collet Nominal clamping Ø d 24 mm	308990 24
ER collet for machine taps with seal Nominal clamping Ø d 12 mm	309419 12
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50
ER collet Nominal clamping Ø d 15 mm	308990 15
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 12 mm	309434 12
ER collet set 23 pieces 4–26 mm	309028
ER collet Nominal clamping Ø d 22 mm	308990 22
ER collet for machine taps with seal Nominal clamping Ø d 11 mm	309419 11
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 10 mm	309434 10
ER collet Nominal clamping Ø d 14 mm	308990 14
ER collet Nominal clamping Ø d 10 mm	308990 10
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 16 mm	309434 16
ER collet Nominal clamping Ø d 11 mm	308990 11
ER collet Nominal clamping Ø d 18 mm	309040 18
ER collet Nominal clamping Ø d 8 mm	309040 8
ER collet Nominal clamping Ø d 13 mm	308990 13
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309434 9
ER collet Nominal clamping Ø d 22 mm	309040 22
ER collet Nominal clamping Ø d 7 mm	309040 7

ER collet for machine taps with seal Nominal clamping Ø d 20 mm	309419 20
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 12 mm	309449 12
Pull stud sealed suitable for steep tapers 50	308660 50
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 50	308615 50
ER collet Nominal clamping Ø d 24 mm	309040 24
ER collet Nominal clamping Ø d 13 mm	309040 13
ER collet Nominal clamping Ø d 23 mm	309040 23
ER collet Nominal clamping Ø d 5 mm	309040 5
ER collet Nominal clamping Ø d 12 mm	309040 12
ER collet Nominal clamping Ø d 6 mm	308990 6
ER collet for machine taps with seal Nominal clamping Ø d 22 mm	309419 22
ER collet Nominal clamping Ø d 20 mm	308990 20
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 14 mm	309449 14
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 50	308605 50
ER collet for machine taps with seal Nominal clamping Ø d 16 mm	309419 16
ER collet Nominal clamping Ø d 17 mm	309040 17
Pull stud 90° sealed suitable for steep tapers 50	308795 50
ER collet Nominal clamping Ø d 17 mm	308990 17
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309419 7
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 50	308812 50
Pull stud 60° sealed suitable for steep tapers 50	308785 50
ER collet Nominal clamping Ø d 26 mm	308990 26
ER collet Nominal clamping Ø d 12 mm	308990 12
	309449 7

ET collet with radial compensation for tapping and reaming Nominal clamping \varnothing d 7 mm	
ET collet for thread tapping, with axial compensation Nominal clamping \varnothing d 6 mm	309434 6
Special pull stud with internal thread suitable for steep tapers 50	308740 50
ER collet Nominal clamping \varnothing d 4 mm	309040 4
ET collet with radial compensation for tapping and reaming Nominal clamping \varnothing d 8 mm	309449 8
ER collet for machine taps with seal Nominal clamping \varnothing d 10 mm	309419 10
ET collet for thread tapping, with axial compensation Nominal clamping \varnothing d 14 mm	309434 14
ER collet Nominal clamping \varnothing d 9 mm	309040 9
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 50	308810 50
Pull stud stud sealed, form A suitable for steep tapers 50	308610 50
ER collet Nominal clamping \varnothing d 25 mm	309040 25
ER collet Nominal clamping \varnothing d 20 mm	309040 20
Pull stud sealed, form B suitable for steep tapers 50	308620 50
ER collet Nominal clamping \varnothing d 11 mm	309040 11
ER collet for machine taps with seal Nominal clamping \varnothing d 18 mm	309419 18
ER collet for machine taps with seal Nominal clamping \varnothing d 8 mm	309419 8
ER collet Nominal clamping \varnothing d 21 mm	309040 21
ET collet with radial compensation for tapping and reaming Nominal clamping \varnothing d 16 mm	309449 16
ER collet Nominal clamping \varnothing d 10 mm	309040 10
Pull stud 90° sealed suitable for steep tapers 50	308790 50
ET collet with radial compensation for tapping and reaming Nominal clamping \varnothing d 5 mm	309449 5
ER collet Nominal clamping \varnothing d 16 mm	308990 16

Torque wrench with reversible ratchet maximum torque 200 Nm	656050 200
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 10 mm	309449 10
ER collet Nominal clamping Ø d 18 mm	308990 18
ER collet Nominal clamping Ø d 8 mm	308990 8
ER collet with seal Nominal clamping Ø d 16 mm	308992 16
Special pull stud with no internal thread sealed suitable for steep tapers 50	308700 50
ER collet with seal Nominal clamping Ø d 20 mm	308992 20
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm	309449 6
ER collet Nominal clamping Ø d 14 mm	309040 14
ER collet for machine taps with seal Nominal clamping Ø d 25 mm	309419 25
ER chuck key 1/2 inch socket for ER collet chuck 40	309700 40