

Garant
HiRunER precision ER collet chuck, BT 40 A = 70, for ER collet size: 32 ER

Order data

Order number	302843 32
GTIN	4045197771605
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:

- **Excellent concentricity in the system (chuck + collet + clamping nut), 3µm radial run-out with a 2µm collet, 6µm radial run-out with a 5µm collet.**
- **Extremely strong holding force (up to factor 2 better than the standard ER chuck).**
- **Vibration reduction effect due to 2-part clamping nut.**

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. 308760 – 308806,
 PS wrenches No. 308820 – 308835,
 ER collets No. 308881 – 309434,
 Fahrion ER collets No. 308901 – 309434,
 ER clamping wrenches No. 309748; 309749; 309757; 309758.

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 it in only combination with Fahrion collets.**

ER chuck key No. 309748; No. 309749: 32

Clamping range: 2 - 20 mm

External Ø D: 52 mm

Spare ER clamping nut No. 309617: 32

Technical description

External Ø D	52 mm
Clamping range	2 - 20 mm
Spare ER clamping nut No. 309617	32
ER chuck key No. 309748; No. 309749	32
Adapter	BT 40 A = 70
Arbor standard	ISO 7388-2
Arbor standard	JIS B6339
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 with seal and spray nozzles Nominal clamping Ø d 10 mm	309002 10
ER collet set 18 pieces 3–20 mm	309024
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309432 4,5
ER collet Nominal clamping Ø d 6 mm	309000 6
Special pull stud with no internal thread sealed suitable for steep tapers 40	308700 40
Wrench for pull studs ISO 7388 suitable for ISO taper size 40	308830 40
Pull stud sealed, form B suitable for steep tapers 40	308650 40

ER collet with seal Nominal clamping Ø d 13 mm	308986 13
ER collet with seal Nominal clamping Ø d 6 mm	308986 6
ER collet Nominal clamping Ø d 18 mm	308981 18
ER collet Nominal clamping Ø d 19 mm	308981 19
ER collet Nominal clamping Ø d 17 mm	308981 17
ER collet with seal and spray nozzles Nominal clamping Ø d 4 mm	309002 4
ER collet with seal Nominal clamping Ø d 12 mm	309001 12
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 11 mm	309432 11
ER collet with seal Nominal clamping Ø d 10 mm	308986 10
ER collet Nominal clamping Ø d 16 mm	309000 16
ER collet with seal Nominal clamping Ø d 4 mm	309001 4
ER collet with seal Nominal clamping Ø d 15 mm	309001 15
ER collet set 18 pieces 3–20 mm	309280
ER collet with seal Nominal clamping Ø d 18 mm	309001 18
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
ER collet with seal Nominal clamping Ø d 6 mm	309001 6
ER collet Nominal clamping Ø d 3 mm	308981 3
ER collet Nominal clamping Ø d 4 mm	308981 4
ER collet Nominal clamping Ø d 14 mm	309000 14
ER collet with seal Nominal clamping Ø d 18 mm	308986 18
Pull-stud 60° sealed suitable for steep tapers 40	308780 40
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 7 mm	309002 7
ER collet Nominal clamping Ø d 12 mm	309000 12
ER collet Nominal clamping Ø d 15 mm	309000 15
ER collet with seal Nominal clamping Ø d 11 mm	309001 11

ER collet with seal and spray nozzles Nominal clamping Ø d 19 mm	309002 19
ER collet Nominal clamping Ø d 13 mm	309000 13
ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm	309002 3
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309432 8
ER collet Nominal clamping Ø d 16 mm	308981 16
ER collet Nominal clamping Ø d 14 mm	308981 14
Special pull stud with internal thread suitable for steep tapers 40	308740 40
ER collet with seal Nominal clamping Ø d 14 mm	309001 14
ER collet with seal and spray nozzles Nominal clamping Ø d 13 mm	309002 13
ER collet with seal Nominal clamping Ø d 5 mm	309001 5
ER collet with seal Nominal clamping Ø d 16 mm	308986 16
ER collet with seal Nominal clamping Ø d 14 mm	308986 14
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 20 mm	308986 20
ER collet Nominal clamping Ø d 9 mm	308981 9
Pull stud sealed suitable for steep tapers 40	308635 40
ER collet with seal Nominal clamping Ø d 11 mm	308986 11
ER collet Nominal clamping Ø d 4 mm	309000 4
ER collet set 18 pieces 3–20 mm with seal and spray nozzles	309285
ER collet Nominal clamping Ø d 11 mm	308981 11
ER collet with seal Nominal clamping Ø d 7 mm	308986 7
ER collet Nominal clamping Ø d 15 mm	308981 15
ER collet Nominal clamping Ø d 8 mm	309000 8
ER collet Nominal clamping Ø d 5 mm	309000 5
	308802 40

Pull stud Hurco 45° with fit sealed suitable for steep tapers 40

ER collet with seal Nominal clamping Ø d 13 mm	309001 13
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
ER collet with seal Nominal clamping Ø d 8 mm	309001 8
ER collet with seal Nominal clamping Ø d 19 mm	309001 19
ER collet Nominal clamping Ø d 7 mm	309000 7
ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm	309002 8
ER collet with seal Nominal clamping Ø d 19 mm	308986 19
ER collet with seal and spray nozzles Nominal clamping Ø d 18 mm	309002 18
Pull stud sealed suitable for steep tapers 40	308660 40
ER collet Nominal clamping Ø d 10 mm	309000 10
ER collet with seal and spray nozzles Nominal clamping Ø d 17 mm	309002 17
Pull stud Form A suitable for steep tapers 40	308600 40
ER collet Nominal clamping Ø d 13 mm	308981 13
ER collet Nominal clamping Ø d 17 mm	309000 17
ER collet set 18 pieces 3–20 mm with seal	309284
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40	308605 40
ER collet Nominal clamping Ø d 8 mm	308981 8
ER collet with seal and spray nozzles Nominal clamping Ø d 20 mm	309002 20
ER collet with seal and spray nozzles Nominal clamping Ø d 12 mm	309002 12
ER collet Nominal clamping Ø d 10 mm	308981 10
ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	309002 6
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309432 7

Pull stud 60° sealed suitable for steep tapers 40	308785 40
ER collet Nominal clamping Ø d 7 mm	308981 7
ER collet Nominal clamping Ø d 18 mm	309000 18
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
Pull stud Hurco 90° with bore and fit sealed suitable for steep tapers 40	308805 40
Pull stud 45° sealed suitable for steep tapers 40	308760 40
Pull stud 90° sealed suitable for steep tapers 40	308795 40
ER collet with seal Nominal clamping Ø d 9 mm	308986 9
ER collet Nominal clamping Ø d 6 mm	308981 6
ER collet set 8 pieces 4–16, 20 mm with seal	309026
ER collet Nominal clamping Ø d 11 mm	309000 11
Pull stud Mazak sealed, form A suitable for steep tapers 40M	308670 40M
ER collet with seal Nominal clamping Ø d 15 mm	308986 15
ER collet with seal Nominal clamping Ø d 8 mm	308986 8
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
ER collet Nominal clamping Ø d 3 mm	309000 3
ER collet Nominal clamping Ø d 9 mm	309000 9
ER collet Nominal clamping Ø d 5 mm	308981 5
HiRunER clamping wrench for torque wrench Type 32	309749 32
ER collet with seal Nominal clamping Ø d 20 mm	309001 20
ER collet with seal and spray nozzles Nominal clamping Ø d 15 mm	309002 15
ER collet with seal Nominal clamping Ø d 4 mm	308986 4
ER collet with seal Nominal clamping Ø d 12 mm	308986 12
ER collet Nominal clamping Ø d 20 mm	308981 20
ER collet with seal Nominal clamping Ø d 3 mm	309001 3
	309002 9

ER collet with seal and spray nozzles Nominal clamping \varnothing d 9 mm

Hurco 60° pull stud with bore and fit sealed suitable for steep tapers 40

308803 40

ER collet with seal Nominal clamping \varnothing d 9 mm

309001 9

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

309432 10

Pull stud 90° sealed suitable for steep tapers 40

308790 40

ER collet with seal Nominal clamping \varnothing d 17 mm

309001 17

Pull stud Hurco 60° with fit sealed suitable for steep tapers 40

308804 40

Pull stud sealed, form B suitable for steep tapers 40

308620 40

ER collet with seal and spray nozzles Nominal clamping \varnothing d 14 mm

309002 14

ER collet with seal Nominal clamping \varnothing d 10 mm

309001 10

ET collet for thread tapping, with axial compensation
Nominal clamping \varnothing d 6 mm

309432 6

ER collet with seal Nominal clamping \varnothing d 5 mm

308986 5

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

308610 40

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

309002 16

ER collet with seal Nominal clamping \varnothing d 16 mm

309001 16

ER collet with seal and spray nozzles Nominal clamping \varnothing d 11 mm

309002 11

ER collet with seal Nominal clamping \varnothing d 3 mm

308986 3

Pull stud Hurco 90° with fit sealed suitable for steep tapers 40

308806 40

ER collet with seal Nominal clamping \varnothing d 17 mm

308986 17

Pull stud 45° sealed suitable for steep tapers 40

308765 40

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

308810 40

ER collet with seal and spray nozzles Nominal clamping \varnothing d 5 mm

309002 5

ER collet with seal Nominal clamping Ø d 7 mm	309001 7
ER collet Nominal clamping Ø d 12 mm	308981 12
Pull stud Form B suitable for steep tapers 40	308640 40
ER collet Nominal clamping Ø d 19 mm	309000 19
Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40	308801 40
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309432 9
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 12 mm	309432 12
HiRunER clamping wrench Type 32	309748 32
ER collet Nominal clamping Ø d 20 mm	309000 20