

Garant
HiRunER precision ER collet chuck, BT 40 A = 100, for ER collets: 25 ER

Order data

Order number	302844 25
GTIN	4045197771636
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: 25

Clamping range: 1 - 16 mm

External Ø D: 44 mm

Spare ER clamping nut No. 309617: 25

Technical description

External Ø D	44 mm
Clamping range	1 - 16 mm
Spare ER clamping nut No. 309617	25
ER chuck key No. 309748; No. 309749	25
Adapter	BT 40 A = 100
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	HSC
Machining strategy	HPC
Balluffchip bore	yes
Type of product	Collet chuck

Accessories

ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm	308962 3
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
ER collet with seal Nominal clamping Ø d 14 mm	308946 14
ER collet set 15 pieces 2–16 mm	309021
ER collet HP Nominal clamping Ø d 8 mm	309373 8
ER collet Nominal clamping Ø d 8 mm	308960 8
ER collet Nominal clamping Ø d 5 mm	308960 5
ER collet HP with seal and spray nozzles Nominal clamping Ø d 14 mm	309375 14

ER collet with seal and spray nozzles Nominal clamping Ø d 16 mm	308962 16
ER collet HP with seal Nominal clamping Ø d 10 mm	309374 10
Pull-stud 60° sealed suitable for steep tapers 40	308780 40
ER collet with seal Nominal clamping Ø d 14 mm	308959 14
ER collet with seal Nominal clamping Ø d 13 mm	308946 13
ER collet Nominal clamping Ø d 14 mm	308960 14
ER collet HP with seal Nominal clamping Ø d 12 mm	309374 12
Pull stud Form A suitable for steep tapers 40	308600 40
ER collet HP with seal and spray nozzles Nominal clamping Ø d 6 mm	309375 6
ER collet Nominal clamping Ø d 9 mm	308960 9
ER collet set 15 pieces 2–16 mm with seal and spray nozzles	309245
ER collet Nominal clamping Ø d 4 mm	308960 4
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309430 3,5
Torque insert for Pull studs to DIN 69872 suitable for steep tapers 40 SK	308810 40
ER collet HP Nominal clamping Ø d 9 mm	309373 9
ER collet with seal Nominal clamping Ø d 16 mm	308959 16
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm	309430 2,8
ER collet with seal Nominal clamping Ø d 5 mm	308946 5
Special pull stud with no internal thread sealed suitable for steep tapers 40	308700 40
ER collet HP with seal Nominal clamping Ø d 9 mm	309374 9
ER collet with seal Nominal clamping Ø d 8 mm	308959 8
ER collet with seal Nominal clamping Ø d 16 mm	308946 16
ER collet HP Nominal clamping Ø d 11 mm	309373 11
Special pull stud with internal thread suitable for steep tapers 40	308740 40

Pull stud 90° sealed suitable for steep tapers 40	308795 40
ER collet with seal Nominal clamping Ø d 6 mm	308959 6
ER collet with seal Nominal clamping Ø d 7 mm	308946 7
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309430 6
ER collet Nominal clamping Ø d 16 mm	308941 16
ER collet Nominal clamping Ø d 16 mm	308960 16
ER collet Nominal clamping Ø d 2 mm	308941 2
ER collet set 15 pieces 2–16 mm	309240
Pull stud 90° sealed suitable for steep tapers 40	308790 40
ER collet with seal Nominal clamping Ø d 5 mm	308959 5
Pull stud stud sealed, form A suitable for steep tapers 40	308610 40
ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	308962 5
ER collet with seal Nominal clamping Ø d 9 mm	308946 9
ER collet Nominal clamping Ø d 14 mm	308941 14
Pull stud sealed, form B suitable for steep tapers 40	308650 40
ER collet HP with seal Nominal clamping Ø d 14 mm	309374 14
ER collet with seal and spray nozzles Nominal clamping Ø d 11 mm	308962 11
ER collet HP Nominal clamping Ø d 10 mm	309373 10
ER collet HP Nominal clamping Ø d 6 mm	309373 6
Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40	308801 40
ER collet HP with seal Nominal clamping Ø d 4 mm	309374 4
Pull stud Form B suitable for steep tapers 40	308640 40
ER collet Nominal clamping Ø d 10 mm	308941 10
ER collet with seal Nominal clamping Ø d 10 mm	308946 10
ER collet HP with seal Nominal clamping Ø d 5 mm	309374 5
ER collet HP with seal Nominal clamping Ø d 8 mm	309374 8
	308962 9

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

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 15 mm	308946 15
ER collet Nominal clamping Ø d 15 mm	308960 15
ER collet Nominal clamping Ø d 9 mm	308941 9
ER collet HP with seal Nominal clamping Ø d 16 mm	309374 16
ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	308962 6
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
ER collet HP with seal and spray nozzles Nominal clamping Ø d 12 mm	309375 12
ER collet HP Nominal clamping Ø d 12 mm	309373 12
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	308962 7
Wrench for pull studs ISO 7388 suitable for steep tapers 40 SK	308830 40
Pull stud sealed suitable for steep tapers 40	308660 40
ER collet Nominal clamping Ø d 7 mm	308941 7
ER collet with seal and spray nozzles Nominal clamping Ø d 4 mm	308962 4
ER collet with seal Nominal clamping Ø d 7 mm	308959 7
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
ER collet HP Nominal clamping Ø d 16 mm	309373 16
ER collet HP Nominal clamping Ø d 15 mm	309373 15
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309430 8
ER collet Nominal clamping Ø d 8 mm	308941 8
Pull stud sealed, form B suitable for steep tapers 40	308620 40

ER collet Nominal clamping Ø d 6 mm	308960 6
ER collet HP Nominal clamping Ø d 2 mm	309373 2
ER collet HP with seal Nominal clamping Ø d 3 mm	309374 3
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40	308605 40
ER collet with seal and spray nozzles Nominal clamping Ø d 15 mm	308962 15
Pull stud Hurco 90° with bore and fit sealed suitable for steep tapers 40	308805 40
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309430 9
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for steep tapers 40 SK	308820 40
ER collet Nominal clamping Ø d 2 mm	308960 2
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
ER collet HP Nominal clamping Ø d 14 mm	309373 14
ER collet with seal and spray nozzles Nominal clamping Ø d 14 mm	308962 14
ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm	308962 8
ER collet with seal Nominal clamping Ø d 9 mm	308959 9
ER collet with seal Nominal clamping Ø d 6 mm	308946 6
ER collet HP Nominal clamping Ø d 4 mm	309373 4
Hurco 60° pull stud with bore and fit sealed suitable for steep tapers 40	308803 40
ER collet with seal and spray nozzles Nominal clamping Ø d 12 mm	308962 12
ER collet HP Nominal clamping Ø d 7 mm	309373 7
Pull stud sealed suitable for steep tapers 40	308635 40
ER collet with seal Nominal clamping Ø d 13 mm	308959 13
ER collet HP with seal and spray nozzles Nominal clamping Ø d 8 mm	309375 8
ER collet with seal Nominal clamping Ø d 12 mm	308946 12

ER collet Nominal clamping Ø d 11 mm	308941 11
ER collet with seal Nominal clamping Ø d 12 mm	308959 12
ER collet set 7 pieces 4–16 mm with seal	309022
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309430 4,5
ER collet Nominal clamping Ø d 5 mm	308941 5
ER collet with seal Nominal clamping Ø d 8 mm	308946 8
ER collet Nominal clamping Ø d 6 mm	308941 6
ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm	308962 10
ER collet Nominal clamping Ø d 3 mm	308960 3
ER collet Nominal clamping Ø d 15 mm	308941 15
Pull stud Mazak sealed, form A suitable for steep tapers 40M	308670 40M
ER collet Nominal clamping Ø d 11 mm	308960 11
ER collet with seal Nominal clamping Ø d 3 mm	308946 3
ER collet HP Nominal clamping Ø d 3 mm	309373 3
ER collet Nominal clamping Ø d 7 mm	308960 7
Torque insert for Pull studs to SO 7388 suitable for steep tapers 40 SK	308812 40
ER collet with seal Nominal clamping Ø d 4 mm	308946 4
ER collet Nominal clamping Ø d 4 mm	308941 4
HiRunER clamping wrench for torque wrench Type 25	309749 25
ER collet with seal Nominal clamping Ø d 4 mm	308959 4
ER collet Nominal clamping Ø d 2,5 mm	308941 2,5
ER collet with seal Nominal clamping Ø d 10 mm	308959 10
ER collet HP with seal Nominal clamping Ø d 6 mm	309374 6
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
ER collet with seal Nominal clamping Ø d 11 mm	308946 11
ER collet set 15 pieces 2–16 mm with seal	309244

ET collet for thread tapping, with axial compensation Nominal clamping Ø d 10 mm	309430 10
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309430 7
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
ER collet Nominal clamping Ø d 13 mm	308941 13
ER collet with seal and spray nozzles Nominal clamping Ø d 13 mm	308962 13
HiRunER clamping wrench Type 25	309748 25
ER collet HP with seal and spray nozzles Nominal clamping Ø d 10 mm	309375 10
ER collet Nominal clamping Ø d 3 mm	308941 3
ER collet HP with seal Nominal clamping Ø d 15 mm	309374 15
Pull stud 45° sealed suitable for steep tapers 40	308765 40
ER collet with seal Nominal clamping Ø d 11 mm	308959 11
Pull stud 60° sealed suitable for steep tapers 40	308785 40
ER collet HP with seal Nominal clamping Ø d 7 mm	309374 7
ER collet HP Nominal clamping Ø d 13 mm	309373 13
Pull stud Hurco 60° with fit sealed suitable for steep tapers 40	308804 40
ER collet Nominal clamping Ø d 12 mm	308960 12
ER collet Nominal clamping Ø d 10 mm	308960 10
ER collet HP with seal Nominal clamping Ø d 13 mm	309374 13
ER collet Nominal clamping Ø d 12 mm	308941 12
ER collet with seal Nominal clamping Ø d 3 mm	308959 3
ER collet HP with seal and spray nozzles Nominal clamping Ø d 4 mm	309375 4
ER collet Nominal clamping Ø d 13 mm	308960 13
ER collet HP with seal Nominal clamping Ø d 11 mm	309374 11
ER collet HP Nominal clamping Ø d 5 mm	309373 5