

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

Order data

Order number	302843 25
GTIN	4045197771599
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

Clamping range	1 - 16 mm
External Ø D	44 mm
Spare ER clamping nut No. 309617	25
ER chuck key No. 309748; No. 309749	25
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 Nominal clamping Ø d 2,5 mm	308941 2,5
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309430 4,5
ER collet Nominal clamping Ø d 7 mm	308960 7
ER collet set 15 pieces 2–16 mm	309021
ER collet with seal Nominal clamping Ø d 4 mm	308946 4
Pull stud sealed suitable for steep tapers 40	308660 40
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
ER collet Nominal clamping Ø d 4 mm	308960 4

Pull stud 45° sealed suitable for steep tapers 40	308760 40
Pull stud Form A suitable for steep tapers 40	308600 40
Pull stud 90° sealed suitable for steep tapers 40	308790 40
ER collet with seal Nominal clamping Ø d 6 mm	308946 6
Pull-stud 60° sealed suitable for steep tapers 40	308780 40
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
HiRunER clamping wrench for torque wrench Type 25	309749 25
Pull stud sealed suitable for steep tapers 40	308635 40
ER collet Nominal clamping Ø d 7 mm	308941 7
Pull stud 45° sealed suitable for steep tapers 40	308765 40
ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	308962 6
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	308962 7
ER collet with seal Nominal clamping Ø d 7 mm	308946 7
ER collet with seal Nominal clamping Ø d 12 mm	308959 12
ER collet with seal Nominal clamping Ø d 11 mm	308946 11
ER collet with seal Nominal clamping Ø d 6 mm	308959 6
Hurco 60° pull stud with bore and fit sealed suitable for steep tapers 40	308803 40
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40	308605 40
ER collet Nominal clamping Ø d 3 mm	308941 3
ER collet Nominal clamping Ø d 2 mm	308960 2
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
ER collet with seal Nominal clamping Ø d 4 mm	308959 4
ER collet with seal Nominal clamping Ø d 9 mm	308946 9
ER collet with seal Nominal clamping Ø d 3 mm	308946 3

ER collet with seal Nominal clamping Ø d 5 mm	308959 5
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 40	308812 40
ER collet Nominal clamping Ø d 3 mm	308960 3
Pull stud Hurco 90° with bore and fit sealed suitable for steep tapers 40	308805 40
ER collet Nominal clamping Ø d 5 mm	308960 5
Pull stud 60° sealed suitable for steep tapers 40	308785 40
ER collet with seal Nominal clamping Ø d 14 mm	308959 14
ER collet Nominal clamping Ø d 10 mm	308960 10
Pull stud 90° sealed suitable for steep tapers 40	308795 40
ER collet Nominal clamping Ø d 12 mm	308941 12
ER collet Nominal clamping Ø d 13 mm	308941 13
ER collet Nominal clamping Ø d 8 mm	308960 8
ER collet Nominal clamping Ø d 9 mm	308960 9
ER collet Nominal clamping Ø d 4 mm	308941 4
ER collet Nominal clamping Ø d 12 mm	308960 12
ER collet Nominal clamping Ø d 11 mm	308941 11
ER collet with seal and spray nozzles Nominal clamping Ø d 13 mm	308962 13
ER collet with seal Nominal clamping Ø d 14 mm	308946 14
ER collet set 15 pieces 2–16 mm with seal	309244
ER collet with seal Nominal clamping Ø d 10 mm	308946 10
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
ER collet with seal Nominal clamping Ø d 13 mm	308959 13
ER collet with seal Nominal clamping Ø d 15 mm	308946 15
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309430 3,5
Pull stud sealed, form B suitable for steep tapers 40	308620 40
ER collet with seal Nominal clamping Ø d 8 mm	308946 8

ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm	308962 10
ER collet with seal Nominal clamping Ø d 16 mm	308946 16
ER collet with seal and spray nozzles Nominal clamping Ø d 9 mm	308962 9
Pull stud Form B suitable for steep tapers 40	308640 40
Wrench for pull studs ISO 7388 suitable for ISO taper size 40	308830 40
ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm	308962 3
ER collet Nominal clamping Ø d 14 mm	308960 14
ER collet with seal Nominal clamping Ø d 10 mm	308959 10
ER collet with seal Nominal clamping Ø d 12 mm	308946 12
ER collet with seal and spray nozzles Nominal clamping Ø d 16 mm	308962 16
ER collet with seal Nominal clamping Ø d 9 mm	308959 9
Pull stud Mazak sealed, form A suitable for steep tapers 40M	308670 40M
ER collet with seal and spray nozzles Nominal clamping Ø d 14 mm	308962 14
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
ER collet Nominal clamping Ø d 15 mm	308960 15
ER collet Nominal clamping Ø d 10 mm	308941 10
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309430 9
Pull stud Hurco 60° with fit sealed suitable for steep tapers 40	308804 40
ER collet with seal Nominal clamping Ø d 15 mm	308959 15
ER collet Nominal clamping Ø d 5 mm	308941 5
ER collet with seal Nominal clamping Ø d 5 mm	308946 5
ER collet Nominal clamping Ø d 6 mm	308960 6
Pull stud sealed, form B suitable for steep tapers 40	308650 40

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 6 mm	309430 6
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
ER collet Nominal clamping Ø d 16 mm	308960 16
ER collet with seal Nominal clamping Ø d 13 mm	308946 13
ER collet Nominal clamping Ø d 2 mm	308941 2
ER collet with seal Nominal clamping Ø d 7 mm	308959 7
ER collet Nominal clamping Ø d 16 mm	308941 16
Pull stud stud sealed, form A suitable for steep tapers 40	308610 40
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 40	308810 40
ER collet Nominal clamping Ø d 14 mm	308941 14
ER collet with seal Nominal clamping Ø d 8 mm	308959 8
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 10 mm	309430 10
ER collet with seal Nominal clamping Ø d 3 mm	308959 3
ER collet with seal and spray nozzles Nominal clamping Ø d 11 mm	308962 11
ER collet Nominal clamping Ø d 15 mm	308941 15
ER collet Nominal clamping Ø d 9 mm	308941 9
ER collet Nominal clamping Ø d 11 mm	308960 11
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309430 7
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309430 8
ER collet Nominal clamping Ø d 13 mm	308960 13
ER collet with seal Nominal clamping Ø d 11 mm	308959 11

ER collet with seal Nominal clamping Ø d 16 mm	308959 16
ER collet with seal and spray nozzles Nominal clamping Ø d 15 mm	308962 15
ER collet set 15 pieces 2–16 mm	309240
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 2,8 mm	309430 2,8
ER collet set 15 pieces 2–16 mm with seal and spray nozzles	309245
ER collet Nominal clamping Ø d 8 mm	308941 8
ER collet set 7 pieces 4–16 mm with seal	309022
Special pull stud with internal thread suitable for steep tapers 40	308740 40
ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	308962 5
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
ER collet Nominal clamping Ø d 6 mm	308941 6
ER collet with seal and spray nozzles Nominal clamping Ø d 4 mm	308962 4
HiRunER clamping wrench Type 25	309748 25