

Garant

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



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 smooth running. Including RFID / 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 – 308802, PS wrenches No. 308820 – 308835, ER chuck keys No. 309757, 309758 (for 11M and 16M); ER collets Fahrion No. 308901 – 309434. ER collets No. 308901 – 309432, hook spanner 628400 or torque wrench 309749 or 628520.

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.**
- **The blue design ring must be removed for Fahrion HP 2µm ER collets.**

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

Clamping range: 2 - 20 mm

Overhang dimension A: 70 mm

External Ø D: 52 mm

Spare ER clamping nut No. 309617: 32

Technical description

External Ø D	52 mm
Overhang dimension A	70 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 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
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
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
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
ER collet Nominal clamping Ø d 3 mm	308981 3
ER collet Nominal clamping Ø d 4 mm	308981 4
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
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 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 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
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
ER collet with seal Nominal clamping Ø d 19 mm	308986 19
Pull stud sealed suitable for steep tapers 40	308660 40
Pull stud Form A suitable for steep tapers 40	308600 40
ER collet Nominal clamping Ø d 13 mm	308981 13
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40	308605 40
ER collet Nominal clamping Ø d 8 mm	308981 8
ER collet Nominal clamping Ø d 10 mm	308981 10
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
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
Pull stud Mazak, 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 5 mm	308981 5

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
Hurco 60° pull stud with bore and fit sealed suitable for steep tapers 40	308803 40
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 10 mm	309432 10
Pull stud 90° sealed suitable for steep tapers 40	308790 40
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
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309432 6
ER collet with seal Nominal clamping Ø d 5 mm	308986 5
Pull stud sealed, form A suitable for steep tapers 40	308610 40
ER collet with seal Nominal clamping Ø 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 Ø 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 Nominal clamping Ø d 12 mm	308981 12
Pull stud Form B suitable for steep tapers 40	308640 40
Hurco 45° pull stud with 4-mm 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
HiRunER clamping wrench for torque wrench Type 32	309749 32