

Garant
HiRunER precision ER collet chuck, BT 30 A = 60, for ER collet size: 16

Order data

Order number	302839 16
GTIN	4045197870018
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: 16

Clamping range: 0.5 - 10 mm

External Ø D: 34 mm

Spare ER clamping nut No. 309617: 16

Technical description

Spare ER clamping nut No. 309617	16
External Ø D	34 mm
for ER collets	16
Clamping range	0.5 - 10 mm
ER chuck key No. 309748; No. 309749	16
Adapter	BT 30 A = 60
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
Type of product	Collet chuck

Accessories

ER collet Nominal clamping Ø d 4 mm	308901 4
ER collet with seal Nominal clamping Ø d 6 mm	308906 6
ER collet Nominal clamping Ø d 2,5 mm	308901 2,5
Pull-stud 60° sealed suitable for steep tapers 30	308780 30
ER collet Nominal clamping Ø d 10 mm	308901 10
ER collet with seal Nominal clamping Ø d 9 mm	308906 9
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309425 3,5
ER collet Nominal clamping Ø d 2 mm	308901 2

ER collet Nominal clamping Ø d 3 mm	308901 3
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm	309425 2,8
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309425 4,5
Pull stud 60° sealed suitable for steep tapers 30	308785 30
ER collet with seal Nominal clamping Ø d 4 mm	308906 4
ER collet set 10 pieces 1–10 mm	309012
ER collet Nominal clamping Ø d 9 mm	308901 9
ER collet with seal Nominal clamping Ø d 5 mm	308906 5
ER collet with seal Nominal clamping Ø d 3 mm	308906 3
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309425 6
ER collet Nominal clamping Ø d 5 mm	308901 5
ER collet set 6 pieces, 3, 4, 5, 6, 8, 10 mm with seal	309014
ER collet Nominal clamping Ø d 6 mm	308901 6
ER collet Nominal clamping Ø d 8 mm	308901 8
ER collet with seal Nominal clamping Ø d 7 mm	308906 7
Pull stud stud sealed, form A suitable for steep tapers 30	308610 30
ER collet Nominal clamping Ø d 1,5 mm	308901 1,5
Pull stud 45° sealed suitable for steep tapers 30	308765 30
ER collet with seal Nominal clamping Ø d 10 mm	308906 10
ER collet Nominal clamping Ø d 1 mm	308901 1
ER collet Nominal clamping Ø d 7 mm	308901 7
ER collet with seal Nominal clamping Ø d 8 mm	308906 8
Pull stud 45° sealed suitable for steep tapers 30	308760 30
HiRunER clamping wrench Type 16	309748 16
HiRunER clamping wrench for torque wrench Type 16	309749 16