

Garant
HiRunER precision ER collet chuck, for ER collets: 25 ER

Order data

Order number	305531 25
GTIN	4045197869937
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 nuts.**

Application:

For clamping tools with plain shank in collets to DIN 6499 - Form A and B.

Supplied with:

Precision clamping nut.

Optional extras:

Coolant pipe No. 309880,

socket wrench No. 309890,

ER clamping wrenches No. 309748; 309749; 309757; 309758,

Fahrion ER collets No. 308901 – 309434.

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 the precision collet chuck always in conjunction with the precision clamping nut No. 309617; 309618.**

· **Use in combination with Fahrion collets.**

ER chuck key No. 309748; No. 309749: 25

Clamping range: 1 - 16 mm

Overhang dimension A: 75 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
for ER collets	25
Overhang dimension A	75 mm
Spare ER clamping nut No. 309617	25
ER chuck key No. 309748; No. 309749	25
Adapter	HSK-A 100 short
Arbor standard	DIN 69893
Arbor standard	ISO 12164-1
Shape	A
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HSC
Machining strategy	HPC
Through-coolant	yes
Balluffchip bore	yes
Type of product	Collet chuck

Accessories

ER collet HP with seal Nominal clamping Ø d 14 mm	309374 14
ER collet with seal Nominal clamping Ø d 13 mm	308959 13
ER collet Nominal clamping Ø d 4 mm	308960 4

ER collet HP Nominal clamping Ø d 8 mm	309373 8
ER collet with seal Nominal clamping Ø d 14 mm	308946 14
ER collet with seal Nominal clamping Ø d 3 mm	308946 3
ER collet HP Nominal clamping Ø d 7 mm	309373 7
ER collet with seal Nominal clamping Ø d 16 mm	308959 16
ER collet Nominal clamping Ø d 15 mm	308960 15
ER collet HP with seal Nominal clamping Ø d 12 mm	309374 12
ER collet HP Nominal clamping Ø d 13 mm	309373 13
ER collet with seal Nominal clamping Ø d 9 mm	308946 9
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 10 mm	309430 10
ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm	308962 8
ER collet HP Nominal clamping Ø d 11 mm	309373 11
ER collet Nominal clamping Ø d 16 mm	308960 16
ER collet HP with seal Nominal clamping Ø d 11 mm	309374 11
ER collet with seal and spray nozzles Nominal clamping Ø d 14 mm	308962 14
ER collet set 7 pieces 4–16 mm with seal	309022
ER collet set 15 pieces 2–16 mm with seal and spray nozzles	309245
HiRunER clamping wrench for torque wrench Type 25	309749 25
ER collet HP with seal Nominal clamping Ø d 7 mm	309374 7
ER collet HP with seal and spray nozzles Nominal clamping Ø d 6 mm	309375 6
ER collet Nominal clamping Ø d 7 mm	308941 7
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	308962 7
ER collet HP with seal Nominal clamping Ø d 3 mm	309374 3
ER collet with seal Nominal clamping Ø d 9 mm	308959 9
ER collet with seal Nominal clamping Ø d 16 mm	308946 16

ER collet HP Nominal clamping Ø d 4 mm	309373 4
ER collet Nominal clamping Ø d 13 mm	308941 13
ER collet with seal Nominal clamping Ø d 11 mm	308946 11
ER collet HP Nominal clamping Ø d 10 mm	309373 10
ER collet Nominal clamping Ø d 12 mm	308960 12
ER collet with seal Nominal clamping Ø d 11 mm	308959 11
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm	309430 2,8
ER collet HP with seal Nominal clamping Ø d 10 mm	309374 10
ER collet Nominal clamping Ø d 10 mm	308941 10
ER collet Nominal clamping Ø d 15 mm	308941 15
ER collet with seal Nominal clamping Ø d 7 mm	308959 7
ER collet HP Nominal clamping Ø d 9 mm	309373 9
ER collet Nominal clamping Ø d 2,5 mm	308941 2,5
ER collet HP with seal and spray nozzles Nominal clamping Ø d 4 mm	309375 4
ER collet with seal and spray nozzles Nominal clamping Ø d 4 mm	308962 4
ER collet with seal Nominal clamping Ø d 10 mm	308959 10
ER collet HP with seal and spray nozzles Nominal clamping Ø d 10 mm	309375 10
ER collet Nominal clamping Ø d 8 mm	308941 8
ER collet HP Nominal clamping Ø d 2 mm	309373 2
ER collet Nominal clamping Ø d 4 mm	308941 4
ER collet HP with seal Nominal clamping Ø d 8 mm	309374 8
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309430 8
ER collet HP with seal Nominal clamping Ø d 9 mm	309374 9
ER collet HP with seal and spray nozzles Nominal clamping Ø d 8 mm	309375 8
ER collet HP Nominal clamping Ø d 16 mm	309373 16

ER collet Nominal clamping Ø d 6 mm	308960 6
ER collet with seal Nominal clamping Ø d 3 mm	308959 3
ER collet HP Nominal clamping Ø d 6 mm	309373 6
ER collet Nominal clamping Ø d 3 mm	308960 3
ER collet Nominal clamping Ø d 10 mm	308960 10
ER collet Nominal clamping Ø d 5 mm	308960 5
ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm	308962 10
ER collet with seal Nominal clamping Ø d 7 mm	308946 7
ER collet HP with seal Nominal clamping Ø d 5 mm	309374 5
ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	308962 6
ER collet Nominal clamping Ø d 11 mm	308960 11
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309430 9
ER collet with seal and spray nozzles Nominal clamping Ø d 9 mm	308962 9
ER collet with seal and spray nozzles Nominal clamping Ø d 16 mm	308962 16
ER collet Nominal clamping Ø d 8 mm	308960 8
ER collet HP Nominal clamping Ø d 5 mm	309373 5
ER collet with seal Nominal clamping Ø d 4 mm	308959 4
ER collet Nominal clamping Ø d 16 mm	308941 16
ER collet set 15 pieces 2–16 mm	309021
ER collet with seal Nominal clamping Ø d 12 mm	308946 12
ER collet Nominal clamping Ø d 5 mm	308941 5
ER collet with seal Nominal clamping Ø d 4 mm	308946 4
ER collet Nominal clamping Ø d 14 mm	308960 14
ER collet set 15 pieces 2–16 mm with seal	309244
ER collet with seal Nominal clamping Ø d 8 mm	308959 8
	308962 5

ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	
ER collet with seal and spray nozzles Nominal clamping Ø d 11 mm	308962 11
ER collet with seal Nominal clamping Ø d 15 mm	308946 15
ER collet HP with seal and spray nozzles Nominal clamping Ø d 12 mm	309375 12
ER collet HP with seal and spray nozzles Nominal clamping Ø d 14 mm	309375 14
ER collet with seal Nominal clamping Ø d 5 mm	308959 5
ER collet with seal Nominal clamping Ø d 12 mm	308959 12
ER collet Nominal clamping Ø d 11 mm	308941 11
ER collet HP Nominal clamping Ø d 15 mm	309373 15
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309430 4,5
ER collet HP Nominal clamping Ø d 12 mm	309373 12
ER collet HP Nominal clamping Ø d 14 mm	309373 14
ER collet Nominal clamping Ø d 2 mm	308941 2
ER collet with seal Nominal clamping Ø d 8 mm	308946 8
ER collet with seal Nominal clamping Ø d 6 mm	308946 6
ER collet HP with seal Nominal clamping Ø d 6 mm	309374 6
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309430 6
HiRunER clamping wrench Type 25	309748 25
ER collet Nominal clamping Ø d 13 mm	308960 13
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309430 3,5
ER collet with seal Nominal clamping Ø d 5 mm	308946 5
ER collet Nominal clamping Ø d 12 mm	308941 12
ER clamping nut for precision collet chucks for ER 25	309617 25
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309430 7

ER collet with seal and spray nozzles Nominal clamping Ø d 15 mm	308962 15
ER collet Nominal clamping Ø d 9 mm	308941 9
ER collet HP Nominal clamping Ø d 3 mm	309373 3
ER collet with seal Nominal clamping Ø d 14 mm	308959 14
ER collet with seal and spray nozzles Nominal clamping Ø d 12 mm	308962 12
ER collet with seal Nominal clamping Ø d 10 mm	308946 10
ER collet with seal Nominal clamping Ø d 15 mm	308959 15
ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm	308962 3
ER collet with seal and spray nozzles Nominal clamping Ø d 13 mm	308962 13
ER collet HP with seal Nominal clamping Ø d 4 mm	309374 4
ER collet Nominal clamping Ø d 9 mm	308960 9
ER collet with seal Nominal clamping Ø d 13 mm	308946 13
ER collet HP with seal Nominal clamping Ø d 15 mm	309374 15
ER collet with seal Nominal clamping Ø d 6 mm	308959 6
ER collet Nominal clamping Ø d 6 mm	308941 6
ER collet HP with seal Nominal clamping Ø d 16 mm	309374 16
ER collet Nominal clamping Ø d 2 mm	308960 2
ER collet Nominal clamping Ø d 7 mm	308960 7
ER collet HP with seal Nominal clamping Ø d 13 mm	309374 13
ER collet Nominal clamping Ø d 3 mm	308941 3
ER collet set 15 pieces 2–16 mm	309240
ER collet Nominal clamping Ø d 14 mm	308941 14