

Garant**HiRunER precision ER collet chuck, HSK-A 100 A = 100, for ER collet size: 25****Order data**

Order number	305532 25
GTIN	4045197869968
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), 3 µm radial run-out with a 2 µm collet, 6 µm radial run-out with a 5 µm collet.**
- **Extremely strong holding force (up to factor 2 better than the standard ER chuck).**
- **Vibration reduction effect due to 2-part clamping nut (one part for mini version).**

Application:

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

Supplied with:

Precision clamping nut.

Optional extras:

Coolant tube No. 309880,

Socket wrench No. 309890,

ER collets Fahrion No. 308901 and 309432.

Hook wrench No. 628400, or torque wrench No. 309749 or No. 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 the precision collet chuck always in conjunction with the precision clamping nut No. 309617; 309618.**

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

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

Clamping range: 1 - 16 mm

Overhang dimension A: 100 mm

External Ø D: 44 mm

Spare ER clamping nut No. 309617: 25

Technical description

Overhang dimension A	100 mm
Spare ER clamping nut No. 309617	25
External Ø D	44 mm
for ER collets	25
Clamping range	1 - 16 mm
ER chuck key No. 309748; No. 309749	25
Clamping Ø D ₁	1-16 mm
Adapter	HSK-A 100 A = 100
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 with seal Nominal clamping Ø d 15 mm	308946 15
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ER collet with seal Nominal clamping Ø d 7 mm	308946 7
ER collet Nominal clamping Ø d 13 mm	308941 13
ER collet with seal Nominal clamping Ø d 5 mm	308946 5
ER collet with seal Nominal clamping Ø d 9 mm	308946 9
ER collet Nominal clamping Ø d 6 mm	308941 6
ER collet Nominal clamping Ø d 2 mm	308941 2
ER collet with seal Nominal clamping Ø d 12 mm	308946 12
ER collet Nominal clamping Ø d 3 mm	308941 3
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309430 9
ER collet Nominal clamping Ø d 14 mm	308941 14
ER collet with seal Nominal clamping Ø d 11 mm	308946 11
ER collet Nominal clamping Ø d 15 mm	308941 15
ER collet set 15 pieces 2–16 mm	309021
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309430 6
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309430 3,5
ER collet Nominal clamping Ø d 10 mm	308941 10
ER collet Nominal clamping Ø d 5 mm	308941 5
ER collet with seal Nominal clamping Ø d 10 mm	308946 10
ER collet Nominal clamping Ø d 4 mm	308941 4
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309430 8
ER collet set 7 pieces 4–16 mm with seal	309022
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm	309430 2,8
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 4,5 mm	309430 4,5
ER collet Nominal clamping Ø d 12 mm	308941 12

ER collet with seal Nominal clamping Ø d 3 mm	308946 3
ER collet with seal Nominal clamping Ø d 8 mm	308946 8
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309430 7
ER collet with seal Nominal clamping Ø d 16 mm	308946 16
ER clamping nut for HiRunER collet chucks for ER 25	309617 25
ER collet Nominal clamping Ø d 9 mm	308941 9
ER collet Nominal clamping Ø d 11 mm	308941 11
ER collet Nominal clamping Ø d 8 mm	308941 8
ER collet Nominal clamping Ø d 7 mm	308941 7
ER collet Nominal clamping Ø d 2,5 mm	308941 2,5
ER collet with seal Nominal clamping Ø d 4 mm	308946 4
ER collet Nominal clamping Ø d 16 mm	308941 16
ER collet with seal Nominal clamping Ø d 6 mm	308946 6
ER collet with seal Nominal clamping Ø d 14 mm	308946 14
ER collet with seal Nominal clamping Ø d 13 mm	308946 13
HiRunER clamping wrench Type 25	309748 25
HiRunER clamping wrench for torque wrench Type 25	309749 25