

Garant
HiRunER precision ER collet chuck, HSK-A 100 A = 100, for ER collet size: 32

Order data

Order number	305532 32
GTIN	4045197869975
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: 32

Clamping range: 2 - 20 mm

Overhang dimension A: 100 mm

External Ø D: 52 mm

Spare ER clamping nut No. 309617: 32

Technical description

Clamping range	2 - 20 mm
Spare ER clamping nut No. 309617	32
Overhang dimension A	100 mm
for ER collets	32
External Ø D	52 mm
ER chuck key No. 309748; No. 309749	32
Clamping Ø D ₁	2-20 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 14 mm	308986 14
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ET collet for thread tapping, with axial compensation Nominal clamping Ø d 12 mm	309432 12
ER collet Nominal clamping Ø d 15 mm	308981 15
ER collet with seal Nominal clamping Ø d 10 mm	308986 10
ER collet with seal Nominal clamping Ø d 18 mm	308986 18
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 10 mm	309432 10
ER collet set 8 pieces 4–16, 20 mm with seal	309026
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309432 9
ER collet with seal Nominal clamping Ø d 6 mm	308986 6
ER collet Nominal clamping Ø d 13 mm	308981 13
ER collet with seal Nominal clamping Ø d 7 mm	308986 7
ER collet with seal Nominal clamping Ø d 12 mm	308986 12
ER collet Nominal clamping Ø d 10 mm	308981 10
ER collet with seal Nominal clamping Ø d 15 mm	308986 15
ER collet Nominal clamping Ø d 14 mm	308981 14
ER collet Nominal clamping Ø d 8 mm	308981 8
ER collet with seal Nominal clamping Ø d 20 mm	308986 20
ER collet set 18 pieces 3–20 mm	309024
ER collet Nominal clamping Ø d 5 mm	308981 5
ER collet Nominal clamping Ø d 20 mm	308981 20
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309432 7
ER collet Nominal clamping Ø d 4 mm	308981 4
ER collet with seal Nominal clamping Ø d 13 mm	308986 13
ER collet with seal Nominal clamping Ø d 3 mm	308986 3
ER collet Nominal clamping Ø d 17 mm	308981 17
ER collet Nominal clamping Ø d 16 mm	308981 16
ER collet Nominal clamping Ø d 18 mm	308981 18
ER collet Nominal clamping Ø d 19 mm	308981 19

ER collet with seal Nominal clamping Ø d 17 mm	308986 17
ER collet with seal Nominal clamping Ø d 5 mm	308986 5
ER collet with seal Nominal clamping Ø d 11 mm	308986 11
ER collet Nominal clamping Ø d 6 mm	308981 6
ER collet with seal Nominal clamping Ø d 8 mm	308986 8
ER collet with seal Nominal clamping Ø d 19 mm	308986 19
ER collet with seal Nominal clamping Ø d 4 mm	308986 4
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 11 mm	309432 11
ER collet Nominal clamping Ø d 11 mm	308981 11
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309432 4,5
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309432 8
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309432 6
ER clamping nut for HiRunER collet chucks for ER 32	309617 32
ER collet with seal Nominal clamping Ø d 9 mm	308986 9
ER collet with seal Nominal clamping Ø d 16 mm	308986 16
ER collet Nominal clamping Ø d 7 mm	308981 7
ER collet Nominal clamping Ø d 12 mm	308981 12
ER collet Nominal clamping Ø d 9 mm	308981 9
ER collet Nominal clamping Ø d 3 mm	308981 3
HiRunER clamping wrench Type 32	309748 32
HiRunER clamping wrench for torque wrench Type 32	309749 32