

Garant
HiRunER precision ER collet chuck, for ER collets: 32 ER

Order data

Order number	305531 32
GTIN	4045197869944
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 \varnothing up to shank \varnothing 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: 32

Clamping range: 2 - 20 mm

Overhang dimension A: 75 mm

External Ø D: 52 mm

Spare ER clamping nut No. 309617: 32

Technical description

for ER collets	32
Clamping range	2 - 20 mm
Overhang dimension A	75 mm
Spare ER clamping nut No. 309617	32
External Ø D	52 mm
ER chuck key No. 309748; No. 309749	32
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 11 mm	309377 11
ER collet HP with seal Nominal clamping Ø d 9 mm	309377 9
ER collet with seal Nominal clamping Ø d 7 mm	309001 7

ER collet HP with seal Nominal clamping Ø d 12 mm	309377 12
ER collet HP Nominal clamping Ø d 5 mm	309376 5
ER collet HP Nominal clamping Ø d 10 mm	309376 10
ER collet with seal Nominal clamping Ø d 13 mm	308986 13
ER collet with seal and spray nozzles Nominal clamping Ø d 13 mm	309002 13
ER clamping nut for precision collet chucks for ER 32	309617 32
ER collet HP with seal Nominal clamping Ø d 5 mm	309377 5
ER collet HP with seal Nominal clamping Ø d 16 mm	309377 16
ER collet Nominal clamping Ø d 18 mm	309000 18
ER collet HP Nominal clamping Ø d 8 mm	309376 8
ER collet HP with seal Nominal clamping Ø d 18 mm	309377 18
ER collet Nominal clamping Ø d 8 mm	308981 8
ER collet HP with seal and spray nozzles Nominal clamping Ø d 6 mm	309378 6
ER collet with seal Nominal clamping Ø d 9 mm	308986 9
ER collet with seal Nominal clamping Ø d 6 mm	308986 6
ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	309002 5
ER collet Nominal clamping Ø d 4 mm	308981 4
ER collet Nominal clamping Ø d 5 mm	308981 5
ER collet with seal Nominal clamping Ø d 5 mm	308986 5
ER collet with seal and spray nozzles Nominal clamping Ø d 9 mm	309002 9
ER collet HP with seal Nominal clamping Ø d 7 mm	309377 7
ER collet HP Nominal clamping Ø d 6 mm	309376 6
ER collet HP with seal Nominal clamping Ø d 20 mm	309377 20
ER collet set 8 pieces 4–16, 20 mm with seal	309026
ER collet HP with seal and spray nozzles Nominal clamping Ø d 10 mm	309378 10
	309432 10

ET collet for thread tapping, with axial compensation
Nominal clamping Ø d 10 mm

ER collet with seal and spray nozzles Nominal clamping Ø
d 3 mm

309002 3

ER collet with seal and spray nozzles Nominal clamping Ø
d 17 mm

309002 17

ER collet with seal Nominal clamping Ø d 15 mm

309001 15

ER collet Nominal clamping Ø d 3 mm

308981 3

ER collet set 18 pieces 3–20 mm

309024

ER collet Nominal clamping Ø d 9 mm

309000 9

ER collet HP with seal Nominal clamping Ø d 15 mm

309377 15

ER collet HP with seal and spray nozzles Nominal clamping
Ø d 4 mm

309378 4

ER collet with seal Nominal clamping Ø d 7 mm

308986 7

ER collet HP Nominal clamping Ø d 14 mm

309376 14

ER collet HP Nominal clamping Ø d 9 mm

309376 9

ER collet with seal Nominal clamping Ø d 20 mm

308986 20

ER collet HP Nominal clamping Ø d 7 mm

309376 7

ET collet for thread tapping, with axial compensation
Nominal clamping Ø d 4,5 mm

309432 4,5

ER collet with seal and spray nozzles Nominal clamping Ø
d 20 mm

309002 20

ER collet Nominal clamping Ø d 4 mm

309000 4

ER collet Nominal clamping Ø d 3 mm

309000 3

ER collet Nominal clamping Ø d 6 mm

308981 6

HiRunER clamping wrench Type 32

309748 32

ER collet with seal Nominal clamping Ø d 17 mm

309001 17

ET collet for thread tapping, with axial compensation
Nominal clamping Ø d 12 mm

309432 12

ER collet HP with seal and spray nozzles Nominal clamping
Ø d 16 mm

309378 16

ER collet HP with seal Nominal clamping Ø d 19 mm

309377 19

ER collet with seal Nominal clamping Ø d 19 mm	309001 19
ER collet HP Nominal clamping Ø d 17 mm	309376 17
ER collet with seal Nominal clamping Ø d 4 mm	309001 4
ER collet HP Nominal clamping Ø d 18 mm	309376 18
ER collet HP with seal and spray nozzles Nominal clamping Ø d 18 mm	309378 18
ER collet with seal Nominal clamping Ø d 13 mm	309001 13
ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm	309002 10
ER collet Nominal clamping Ø d 10 mm	308981 10
ER collet with seal Nominal clamping Ø d 14 mm	309001 14
ER collet with seal and spray nozzles Nominal clamping Ø d 4 mm	309002 4
ER collet HP with seal Nominal clamping Ø d 6 mm	309377 6
ER collet Nominal clamping Ø d 16 mm	308981 16
ER collet with seal Nominal clamping Ø d 10 mm	309001 10
ER collet HP Nominal clamping Ø d 19 mm	309376 19
ER collet with seal Nominal clamping Ø d 18 mm	308986 18
ER collet HP Nominal clamping Ø d 20 mm	309376 20
ER collet set HP with seal (4; 6; 8; 10; 12; 14; 16; 20mm), 469 E	309397
ER collet HP with seal and spray nozzles Nominal clamping Ø d 14 mm	309378 14
ER collet Nominal clamping Ø d 12 mm	308981 12
ER collet Nominal clamping Ø d 11 mm	309000 11
ER collet with seal and spray nozzles Nominal clamping Ø d 18 mm	309002 18
ER collet HP with seal Nominal clamping Ø d 10 mm	309377 10
ER collet with seal and spray nozzles Nominal clamping Ø d 16 mm	309002 16
ER collet HP with seal Nominal clamping Ø d 13 mm	309377 13
ER collet HP with seal Nominal clamping Ø d 8 mm	309377 8

ER collet Nominal clamping Ø d 9 mm	308981 9
ER collet Nominal clamping Ø d 19 mm	309000 19
ER collet Nominal clamping Ø d 15 mm	308981 15
ER collet with seal and spray nozzles Nominal clamping Ø d 11 mm	309002 11
ER collet Nominal clamping Ø d 11 mm	308981 11
ER collet with seal Nominal clamping Ø d 14 mm	308986 14
ER collet HP Nominal clamping Ø d 2 mm	309376 2
ER collet Nominal clamping Ø d 14 mm	309000 14
HiRunER clamping wrench for torque wrench Type 32	309749 32
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309432 7
ER collet Nominal clamping Ø d 13 mm	308981 13
ER collet HP with seal Nominal clamping Ø d 17 mm	309377 17
ER collet Nominal clamping Ø d 7 mm	309000 7
ER collet HP Nominal clamping Ø d 4 mm	309376 4
ER collet Nominal clamping Ø d 16 mm	309000 16
ER collet HP with seal Nominal clamping Ø d 14 mm	309377 14
ER collet HP with seal and spray nozzles Nominal clamping Ø d 8 mm	309378 8
ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm	309002 8
ER collet with seal Nominal clamping Ø d 20 mm	309001 20
ER collet with seal Nominal clamping Ø d 8 mm	308986 8
ER collet HP Nominal clamping Ø d 12 mm	309376 12
ER collet set 18 pieces 3–20 mm with seal	309284
ER collet Nominal clamping Ø d 14 mm	308981 14
ER collet with seal Nominal clamping Ø d 3 mm	309001 3
ER collet Nominal clamping Ø d 12 mm	309000 12
ER collet with seal Nominal clamping Ø d 19 mm	308986 19
ER collet Nominal clamping Ø d 17 mm	309000 17

ER collet with seal Nominal clamping Ø d 4 mm	308986 4
ER collet Nominal clamping Ø d 15 mm	309000 15
ER collet with seal Nominal clamping Ø d 10 mm	308986 10
ER collet with seal Nominal clamping Ø d 16 mm	308986 16
ER collet Nominal clamping Ø d 5 mm	309000 5
ER collet Nominal clamping Ø d 20 mm	308981 20
ER collet HP Nominal clamping Ø d 3 mm	309376 3
ER collet with seal Nominal clamping Ø d 8 mm	309001 8
ER collet Nominal clamping Ø d 13 mm	309000 13
ER collet with seal and spray nozzles Nominal clamping Ø d 15 mm	309002 15
ER collet with seal Nominal clamping Ø d 12 mm	309001 12
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309432 8
ER collet Nominal clamping Ø d 19 mm	308981 19
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309432 9
ER collet with seal and spray nozzles Nominal clamping Ø d 12 mm	309002 12
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	309002 7
ER collet with seal Nominal clamping Ø d 12 mm	308986 12
ER collet Nominal clamping Ø d 18 mm	308981 18
ER collet HP Nominal clamping Ø d 15 mm	309376 15
ER collet with seal Nominal clamping Ø d 11 mm	309001 11
ER collet HP Nominal clamping Ø d 11 mm	309376 11
ER collet HP Nominal clamping Ø d 16 mm	309376 16
ER collet HP with seal Nominal clamping Ø d 3 mm	309377 3
ER collet with seal Nominal clamping Ø d 11 mm	308986 11
ER collet with seal Nominal clamping Ø d 5 mm	309001 5
ER collet Nominal clamping Ø d 6 mm	309000 6

ER collet Nominal clamping Ø d 8 mm	309000 8
ER collet set 18 pieces 3–20 mm	309280
ER collet with seal Nominal clamping Ø d 18 mm	309001 18
ER collet with seal and spray nozzles Nominal clamping Ø d 19 mm	309002 19
ER collet Nominal clamping Ø d 7 mm	308981 7
ER collet set HP (4; 6; 8; 10; 12; 14; 16; 20mm), 470 E	309396
ER collet with seal Nominal clamping Ø d 3 mm	308986 3
ER collet with seal Nominal clamping Ø d 15 mm	308986 15
ER collet Nominal clamping Ø d 10 mm	309000 10
ER collet with seal Nominal clamping Ø d 9 mm	309001 9
ER collet with seal Nominal clamping Ø d 17 mm	308986 17
ER collet set 18 pieces 3–20 mm with seal and spray nozzles	309285
ER collet Nominal clamping Ø d 20 mm	309000 20
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 11 mm	309432 11
ER collet with seal Nominal clamping Ø d 16 mm	309001 16
ER collet HP with seal and spray nozzles Nominal clamping Ø d 12 mm	309378 12
ER collet HP with seal Nominal clamping Ø d 4 mm	309377 4
ER collet Nominal clamping Ø d 17 mm	308981 17
ER collet HP with seal and spray nozzles Nominal clamping Ø d 20 mm	309378 20
ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	309002 6
ER collet with seal and spray nozzles Nominal clamping Ø d 14 mm	309002 14
ER collet with seal Nominal clamping Ø d 6 mm	309001 6
ER collet HP Nominal clamping Ø d 13 mm	309376 13
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309432 6

