

**Garant**
**HiRunER precision ER collet chuck, HSK-A 63 short, for ER collet size: 32 ER**

**Order data**

Order number	305523 32
GTIN	4045197771681
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), 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 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: 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

External Ø D	52 mm
Clamping range	2 - 20 mm
for ER collets	32
Overhang dimension A	75 mm
Spare ER clamping nut No. 309617	32
ER chuck key No. 309748; No. 309749	32
Adapter	HSK-A 63 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	HPC
Machining strategy	HSC
Through-coolant	yes
Balluffchip bore	yes
Type of product	Collet chuck

## Accessories

ER collet with seal and spray nozzles Nominal clamping Ø d 13 mm	309002 13
ER collet set 8 pieces 4–16, 20 mm with seal	309026
ER collet with seal and spray nozzles Nominal clamping Ø d 11 mm	309002 11

HiRunER clamping wrench for torque wrench Type 32	309749 32
ER collet with seal Nominal clamping Ø d 15 mm	309001 15
ER collet with seal Nominal clamping Ø d 18 mm	308986 18
ER collet with seal and spray nozzles Nominal clamping Ø d 16 mm	309002 16
ER collet with seal Nominal clamping Ø d 5 mm	308986 5
ER collet Nominal clamping Ø d 17 mm	309000 17
ER collet Nominal clamping Ø d 9 mm	308981 9
ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm	309002 3
ER collet set 18 pieces 3–20 mm	309024
ER collet Nominal clamping Ø d 18 mm	309000 18
ER collet with seal Nominal clamping Ø d 17 mm	309001 17
ER collet Nominal clamping Ø d 20 mm	308981 20
ER collet set 18 pieces 3–20 mm with seal	309284
ER collet with seal and spray nozzles Nominal clamping Ø d 9 mm	309002 9
ER collet Nominal clamping Ø d 10 mm	309000 10
ER collet with seal Nominal clamping Ø d 3 mm	309001 3
ER collet with seal Nominal clamping Ø d 10 mm	308986 10
ER collet with seal Nominal clamping Ø d 12 mm	308986 12
ER collet Nominal clamping Ø d 3 mm	308981 3
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309432 9
ER collet Nominal clamping Ø d 15 mm	309000 15
ER collet with seal Nominal clamping Ø d 20 mm	309001 20
HiRunER clamping wrench Type 32	309748 32
ER collet set 18 pieces 3–20 mm with seal and spray nozzles	309285
ER collet with seal Nominal clamping Ø d 14 mm	308986 14
ER collet with seal Nominal clamping Ø d 16 mm	309001 16

ER collet Nominal clamping Ø d 8 mm	308981 8
ER collet with seal and spray nozzles Nominal clamping Ø d 17 mm	309002 17
ER collet Nominal clamping Ø d 19 mm	309000 19
ER collet with seal Nominal clamping Ø d 5 mm	309001 5
ER collet Nominal clamping Ø d 10 mm	308981 10
ER collet with seal Nominal clamping Ø d 13 mm	308986 13
ER collet with seal Nominal clamping Ø d 15 mm	308986 15
ER collet with seal Nominal clamping Ø d 14 mm	309001 14
ER collet with seal Nominal clamping Ø d 20 mm	308986 20
ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm	309002 10
ER collet with seal Nominal clamping Ø d 4 mm	308986 4
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309432 7
ER collet with seal Nominal clamping Ø d 17 mm	308986 17
ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	309002 6
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309432 8
ER collet set 18 pieces 3–20 mm	309280
ER collet with seal Nominal clamping Ø d 11 mm	309001 11
ER collet with seal Nominal clamping Ø d 7 mm	308986 7
ER collet Nominal clamping Ø d 14 mm	308981 14
ER collet with seal Nominal clamping Ø d 6 mm	309001 6
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	308986 16
ER collet with seal Nominal clamping Ø d 6 mm	308986 6
ER clamping nut for HiRunER collet chucks for ER 32	309617 32
ER collet Nominal clamping Ø d 7 mm	309000 7

ER collet Nominal clamping Ø d 3 mm	309000 3
ER collet with seal Nominal clamping Ø d 7 mm	309001 7
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 10 mm	309432 10
ER collet with seal Nominal clamping Ø d 13 mm	309001 13
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309432 4,5
ER collet Nominal clamping Ø d 11 mm	309000 11
ER collet Nominal clamping Ø d 18 mm	308981 18
ER collet with seal Nominal clamping Ø d 9 mm	308986 9
ER collet with seal Nominal clamping Ø d 3 mm	308986 3
ER collet Nominal clamping Ø d 19 mm	308981 19
ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm	309002 8
ER collet Nominal clamping Ø d 16 mm	309000 16
ER collet with seal and spray nozzles Nominal clamping Ø d 19 mm	309002 19
ER collet with seal Nominal clamping Ø d 4 mm	309001 4
ER collet Nominal clamping Ø d 16 mm	308981 16
ER collet Nominal clamping Ø d 5 mm	308981 5
ER collet Nominal clamping Ø d 14 mm	309000 14
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	309002 7
ER collet Nominal clamping Ø d 13 mm	308981 13
ER collet with seal and spray nozzles Nominal clamping Ø d 20 mm	309002 20
ER collet with seal Nominal clamping Ø d 18 mm	309001 18
ER collet Nominal clamping Ø d 12 mm	309000 12
ER collet Nominal clamping Ø d 7 mm	308981 7
ER collet with seal and spray nozzles Nominal clamping Ø d 12 mm	309002 12
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ER collet with seal Nominal clamping Ø d 11 mm	308986 11
ER collet Nominal clamping Ø d 12 mm	308981 12
ER collet with seal Nominal clamping Ø d 8 mm	308986 8
ER collet with seal and spray nozzles Nominal clamping Ø d 14 mm	309002 14
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309432 6
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 12 mm	309432 12
ER collet with seal Nominal clamping Ø d 12 mm	309001 12
ER collet with seal Nominal clamping Ø d 19 mm	309001 19
ER collet Nominal clamping Ø d 15 mm	308981 15
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ER collet Nominal clamping Ø d 4 mm	309000 4
ER collet with seal Nominal clamping Ø d 9 mm	309001 9
ER collet Nominal clamping Ø d 4 mm	308981 4
ER collet Nominal clamping Ø d 20 mm	309000 20
ER collet Nominal clamping Ø d 9 mm	309000 9
ER collet with seal Nominal clamping Ø d 10 mm	309001 10
ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	309002 5
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ER collet with seal and spray nozzles Nominal clamping Ø d 18 mm	309002 18
	309002 15

ER collet with seal and spray nozzles Nominal clamping  $\varnothing$   
d 15 mm

ER collet with seal and spray nozzles Nominal clamping  $\varnothing$   
d 4 mm

309002 4