

Garant
HiRunER precision ER collet chuck, HSK-A 63 medium, for ER collet size: 25 ER


Order data

Order number	305524 25
GTIN	4045197771711
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: 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

External Ø D	44 mm
Clamping range	1 - 16 mm
Overhang dimension A	100 mm
Spare ER clamping nut No. 309617	25
ER chuck key No. 309748; No. 309749	25
Adapter	HSK-A 63 medium
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 Nominal clamping Ø d 13 mm	308959 13
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	308962 7
ER collet with seal Nominal clamping Ø d 4 mm	308959 4
ER collet Nominal clamping Ø d 7 mm	308960 7

ER clamping nut for HiRunER collet chucks for ER 25	309617 25
ER collet with seal and spray nozzles Nominal clamping Ø d 13 mm	308962 13
ER collet Nominal clamping Ø d 6 mm	308960 6
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 10 mm	309430 10
ER collet with seal Nominal clamping Ø d 3 mm	308959 3
ER collet with seal Nominal clamping Ø d 14 mm	308946 14
ER collet Nominal clamping Ø d 15 mm	308960 15
ER collet Nominal clamping Ø d 11 mm	308960 11
ER collet Nominal clamping Ø d 9 mm	308941 9
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309430 6
ER collet Nominal clamping Ø d 10 mm	308960 10
ER collet Nominal clamping Ø d 14 mm	308960 14
ER collet Nominal clamping Ø d 14 mm	308941 14
ER collet set 15 pieces 2–16 mm with seal and spray nozzles	309245
ER collet Nominal clamping Ø d 12 mm	308960 12
ER collet with seal Nominal clamping Ø d 7 mm	308946 7
ER collet set 15 pieces 2–16 mm	309021
ER collet with seal Nominal clamping Ø d 7 mm	308959 7
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 14 mm	308962 14
ER collet with seal Nominal clamping Ø d 5 mm	308959 5
ER collet with seal Nominal clamping Ø d 11 mm	308946 11
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
HiRunER clamping wrench for torque wrench Type 25	309749 25
ER collet Nominal clamping Ø d 16 mm	308941 16
ER collet Nominal clamping Ø d 9 mm	308960 9
ER collet Nominal clamping Ø d 2 mm	308941 2
ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	308962 6
ER collet with seal Nominal clamping Ø d 8 mm	308959 8
ER collet with seal Nominal clamping Ø d 12 mm	308946 12
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm	309430 2,8
ER collet Nominal clamping Ø d 8 mm	308941 8
ER collet with seal Nominal clamping Ø d 10 mm	308959 10
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309430 8
ER collet with seal Nominal clamping Ø d 5 mm	308946 5
ER collet Nominal clamping Ø d 11 mm	308941 11
ER collet Nominal clamping Ø d 13 mm	308941 13
ER collet with seal and spray nozzles Nominal clamping Ø d 15 mm	308962 15
ER collet with seal and spray nozzles Nominal clamping Ø d 11 mm	308962 11
ER collet set 15 pieces 2–16 mm with seal	309244
ER collet with seal Nominal clamping Ø d 9 mm	308946 9
ER collet with seal Nominal clamping Ø d 6 mm	308946 6
ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm	308962 8
ER collet with seal Nominal clamping Ø d 14 mm	308959 14
ER collet with seal Nominal clamping Ø d 10 mm	308946 10
ER collet with seal Nominal clamping Ø d 11 mm	308959 11
ER collet Nominal clamping Ø d 3 mm	308960 3

ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309430 4,5
ER collet with seal Nominal clamping Ø d 9 mm	308959 9
ER collet Nominal clamping Ø d 4 mm	308960 4
ER collet with seal Nominal clamping Ø d 8 mm	308946 8
ER collet Nominal clamping Ø d 16 mm	308960 16
ER collet with seal Nominal clamping Ø d 15 mm	308959 15
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309430 7
ER collet Nominal clamping Ø d 2 mm	308960 2
ER collet Nominal clamping Ø d 3 mm	308941 3
HiRunER clamping wrench Type 25	309748 25
ER collet with seal Nominal clamping Ø d 16 mm	308946 16
ER collet Nominal clamping Ø d 4 mm	308941 4
ER collet Nominal clamping Ø d 15 mm	308941 15
ER collet set 7 pieces 4–16 mm with seal	309022
ER collet Nominal clamping Ø d 5 mm	308941 5
ER collet with seal Nominal clamping Ø d 13 mm	308946 13
ER collet with seal and spray nozzles Nominal clamping Ø d 12 mm	308962 12
ER collet with seal Nominal clamping Ø d 6 mm	308959 6
ER collet set 15 pieces 2–16 mm	309240
ER collet Nominal clamping Ø d 12 mm	308941 12
ER collet Nominal clamping Ø d 6 mm	308941 6
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 16 mm	308962 16
ER collet Nominal clamping Ø d 13 mm	308960 13
ER collet with seal Nominal clamping Ø d 16 mm	308959 16
ER collet with seal Nominal clamping Ø d 3 mm	308946 3

ER collet with seal Nominal clamping Ø d 12 mm	308959 12
ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	308962 5
ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm	308962 10
ER collet Nominal clamping Ø d 5 mm	308960 5
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 7 mm	308941 7
ER collet with seal and spray nozzles Nominal clamping Ø d 4 mm	308962 4
ER collet Nominal clamping Ø d 8 mm	308960 8
ER collet with seal Nominal clamping Ø d 15 mm	308946 15