

Garant
HiRunER precision ER collet chuck, HSK-A 63 short, for ER collet size: 40 ER

Order data

Order number	305523 40
GTIN	4045197771698
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: 40

Clamping range: 3 - 26 mm
 Overhang dimension A: 85 mm
 External Ø D: 62 mm
 Spare ER clamping nut No. 309617: 40

Technical description

Clamping range	3 - 26 mm
Overhang dimension A	85 mm
External Ø D	62 mm
for ER collets	40
Spare ER clamping nut No. 309617	40
ER chuck key No. 309748; No. 309749	40
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

ET collet for thread tapping, with axial compensation Nominal clamping Ø d 16 mm	309434 16
HiRunER clamping wrench Type 40	309748 40
ER collet Nominal clamping Ø d 22 mm	308990 22

ER collet Nominal clamping Ø d 15 mm	308990 15
ER collet Nominal clamping Ø d 16 mm	309040 16
ER collet Nominal clamping Ø d 17 mm	309040 17
ER collet with seal Nominal clamping Ø d 22 mm	308992 22
ER collet with seal Nominal clamping Ø d 25 mm	308992 25
ER collet Nominal clamping Ø d 21 mm	308990 21
ER collet Nominal clamping Ø d 18 mm	309040 18
ER collet Nominal clamping Ø d 12 mm	309040 12
ER collet Nominal clamping Ø d 8 mm	309040 8
ER collet Nominal clamping Ø d 23 mm	308990 23
ER collet Nominal clamping Ø d 7 mm	308990 7
ER collet Nominal clamping Ø d 25 mm	309040 25
ER collet Nominal clamping Ø d 18 mm	308990 18
ER collet Nominal clamping Ø d 19 mm	309040 19
ER collet Nominal clamping Ø d 24 mm	309040 24
ER collet Nominal clamping Ø d 21 mm	309040 21
ER collet with seal Nominal clamping Ø d 14 mm	308992 14
HiRunER clamping wrench for torque wrench Type 40	309749 40
ER collet with seal Nominal clamping Ø d 18 mm	308992 18
ER collet Nominal clamping Ø d 26 mm	309040 26
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 14 mm	309434 14
ER collet Nominal clamping Ø d 26 mm	308990 26
ER collet with seal Nominal clamping Ø d 12 mm	308992 12
ER collet Nominal clamping Ø d 9 mm	309040 9
ER collet Nominal clamping Ø d 7 mm	309040 7
ER collet Nominal clamping Ø d 13 mm	308990 13
ER collet Nominal clamping Ø d 14 mm	309040 14
ER collet Nominal clamping Ø d 25 mm	308990 25
ER collet with seal Nominal clamping Ø d 20 mm	308992 20

ER collet Nominal clamping Ø d 14 mm	308990 14
ER collet Nominal clamping Ø d 16 mm	308990 16
ER collet Nominal clamping Ø d 12 mm	308990 12
ER collet Nominal clamping Ø d 10 mm	309040 10
ER collet Nominal clamping Ø d 24 mm	308990 24
ER collet Nominal clamping Ø d 22 mm	309040 22
ER collet Nominal clamping Ø d 13 mm	309040 13
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 10 mm	309434 10
ER collet Nominal clamping Ø d 15 mm	309040 15
ER collet set 23 pieces 4–26 mm	309320
ER collet Nominal clamping Ø d 11 mm	308990 11
ER collet Nominal clamping Ø d 10 mm	308990 10
ER collet Nominal clamping Ø d 20 mm	308990 20
ER collet Nominal clamping Ø d 23 mm	309040 23
ER collet Nominal clamping Ø d 4 mm	308990 4
ER collet Nominal clamping Ø d 11 mm	309040 11
ER collet Nominal clamping Ø d 6 mm	309040 6
ER collet Nominal clamping Ø d 6 mm	308990 6
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 12 mm	309434 12
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309434 9
ER collet Nominal clamping Ø d 9 mm	308990 9
ER collet with seal Nominal clamping Ø d 8 mm	308992 8
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309434 8
ER collet Nominal clamping Ø d 19 mm	308990 19
ER collet Nominal clamping Ø d 4 mm	309040 4
ER collet set 23 pieces 4–26 mm	309028
ER collet with seal Nominal clamping Ø d 16 mm	308992 16

ER collet Nominal clamping Ø d 20 mm	309040 20
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309434 6
ER clamping nut for HiRunER collet chucks for ER 40	309617 40
ER collet Nominal clamping Ø d 5 mm	308990 5
ER collet Nominal clamping Ø d 5 mm	309040 5
ER collet Nominal clamping Ø d 17 mm	308990 17
ER collet Nominal clamping Ø d 8 mm	308990 8
ER collet with seal Nominal clamping Ø d 6 mm	308992 6
ER collet with seal Nominal clamping Ø d 10 mm	308992 10