

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

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 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.**

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

ER collet Nominal clamping Ø d 22 mm	308990 22
ER collet Nominal clamping Ø d 15 mm	308990 15
ER colletwith seal Nominal clamping Ø d 22 mm	308992 22
ER colletwith 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 23 mm	308990 23

ER collet Nominal clamping Ø d 7 mm	308990 7
ER collet Nominal clamping Ø d 18 mm	308990 18
ER colletwith seal Nominal clamping Ø d 14 mm	308992 14
ER colletwith seal Nominal clamping Ø d 18 mm	308992 18
ER collet Nominal clamping Ø d 26 mm	308990 26
ER colletwith seal Nominal clamping Ø d 12 mm	308992 12
ER collet Nominal clamping Ø d 13 mm	308990 13
ER collet Nominal clamping Ø d 25 mm	308990 25
ER colletwith 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 24 mm	308990 24
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 4 mm	308990 4
ER collet Nominal clamping Ø d 6 mm	308990 6
ER collet Nominal clamping Ø d 9 mm	308990 9
ER colletwith seal Nominal clamping Ø d 8 mm	308992 8
ER collet Nominal clamping Ø d 19 mm	308990 19
ER collet set 23 pieces 4–26 mm	309028
ER colletwith seal Nominal clamping Ø d 16 mm	308992 16
ER clamping nutfor HiRunER collet chucks for ER 40	309617 40
ER collet Nominal clamping Ø d 5 mm	308990 5
ER collet Nominal clamping Ø d 17 mm	308990 17
ER collet Nominal clamping Ø d 8 mm	308990 8
ER colletwith seal Nominal clamping Ø d 6 mm	308992 6
ER colletwith seal Nominal clamping Ø d 10 mm	308992 10

HiRunER clamping wrench Type 40	309748 40
HiRunER clamping wrench for torque wrench Type 40	309749 40