

Garant**HiRunER precision ER collet chuck, HSK-E 40 short, for ER collet size: 16M****Order data**

Order number	305518 16M
GTIN	4062406243470
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.**

Clamping range: 1 - 10 mm

Overhang dimension A: 70 mm

External Ø D: 24 mm
Spare ER clamping nut No. 309618: 16M

Technical description

Overhang dimension A	70 mm
External Ø D	24 mm
Clamping range	1 - 10 mm
for ER collets	16
Spare ER clamping nut No. 309618	16M
Adapter	HSK-E 40 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 mini mono-nut for HiRunER mini collet chuck for ER 16M	309618 16M
HiRunER roller bearing wrench Type 16M	309757 16M
HiRunER roller bearing wrench for torque wrench Type 16M	309758 16M