

**Garant****HiRunER precision ER collet chuck, HSK-E 40 short, for ER collet size: 11M****Order data**

Order number	305518 11M
GTIN	4062406243463
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.**

Clamping range: 1 - 7 mm

Overhang dimension A: 70 mm  
 External Ø D: 16 mm  
 Spare ER clamping nut No. 309618: 11M

## Technical description

Overhang dimension A	70 mm
for ER collets	11
External Ø D	16 mm
Clamping range	1 - 7 mm
Spare ER clamping nut No. 309618	11M
Clamping Ø D <sub>1</sub>	1-7 mm
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 11M	309618 11M
HiRunER roller bearing wrench Type 11M	309757 11M
HiRunER roller bearing wrench for torque wrench Type 11M	309758 11M