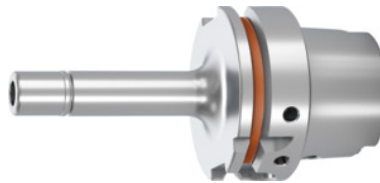


Garant
HiRunER precision ER collet chuck, HSK-A 63 medium, for ER collet size: 11M

Order data

Order number	305524 11M
GTIN	4062406243449
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

for ER collets	11
Overhang dimension A	100 mm
Clamping range	1 - 7 mm
External Ø D	16 mm
Spare ER clamping nut No. 309618	11M
Clamping Ø D ₁	1-7 mm
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 mini mono-nutfor 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
ER collet Nominal clamping Ø d 4 mm	308881 4
ER collet Nominal clamping Ø d 3 mm	308881 3
ER collet Nominal clamping Ø d 2 mm	308881 2

ER collet Nominal clamping Ø d 4,5 mm	308881 4,5
ER collet Nominal clamping Ø d 5,5 mm	308881 5,5
ER collet Nominal clamping Ø d 3,5 mm	308881 3,5
ER collet Nominal clamping Ø d 2,5 mm	308881 2,5
ER collet Nominal clamping Ø d 6 mm	308881 6
ER collet Nominal clamping Ø d 1,5 mm	308881 1,5
ER collet Nominal clamping Ø d 6,5 mm	308881 6,5
ER collet Nominal clamping Ø d 1 mm	308881 1
ER collet Nominal clamping Ø d 5 mm	308881 5
ER colletwith seal Nominal clamping Ø d 5 mm	308882 5
ER colletwith seal Nominal clamping Ø d 3 mm	308882 3
ER colletwith seal Nominal clamping Ø d 4 mm	308882 4
ER colletwith seal Nominal clamping Ø d 6 mm	308882 6
ER collet Nominal clamping Ø d 1 mm	308918 1
ER collet Nominal clamping Ø d 2 mm	308918 2
ER collet Nominal clamping Ø d 3 mm	308918 3
ER collet Nominal clamping Ø d 4 mm	308918 4
ER collet Nominal clamping Ø d 5 mm	308918 5
ER collet Nominal clamping Ø d 6 mm	308918 6
ER collet Nominal clamping Ø d 7 mm	308918 7
ER collet for machine taps Nominal clamping Ø d 2,5 mm	309399 2,5
ER collet for machine taps Nominal clamping Ø d 4,5 mm	309399 4,5
ER collet for machine taps Nominal clamping Ø d 3,5 mm	309399 3,5
ER collet for machine taps Nominal clamping Ø d 2,8 mm	309399 2,8
ER collet for machine taps Nominal clamping Ø d 4 mm	309399 4
ER collet for machine taps Nominal clamping Ø d 6 mm	309399 6
ER collet set 13 pieces 1–7 mm	309010
ER collet set 7 pieces 1–7 mm	309155