

Garant

HiRunER precision ER collet chuck, SK 40 A = 100, for ER collet size: 11M



Order data

Order number	300643 11M
GTIN	4062406241483
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:

- **3 µm radial run-out with a 2 µm clamping nut, 6 µm radial run-out with a 5 µm clamping nut.**
- **Extremely strong holding force (up to factor 2 better than the standard ER chuck).**
- **Vibration reduction effect due to 2-part clamping nut (size 11M and 16M 1-piece).**

Application:

For clamping tools with plain shank in collets to DIN 6499 - Form A and B.

Supplied with:

Precision clamping nut.

Optional extras:

Pull studs (PS) No. 308600 – 308806, PS wrenches No. 308820 – 308835, ER chuck keys No. 309757, 309758 (for 11M and 16M); ER collets Fahrion No. 308901 – 309434. ER collets No. 308901 – 309432, hook spanner No. 628400 or torque wrench No. 309749 or 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 in combination with Fahrion collets.**
- **The blue design ring must be removed for Fahrion HP 2µm ER collets.**

Use the precision collet chuck always in conjunction with the precision clamping nut No. 309617.

Technical description

External Ø D	16 mm
Overhang dimension A	100 mm
Clamping range	1 - 7 mm
Spare ER clamping nut No. 309618	11M
Clamping Ø D ₁	1-7 mm
Adapter	SK 40 A = 100
Arbor standard	ISO 7388-1
Shape	ADB
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HSC
Machining strategy	HPC
Balluffchip bore	yes
Type of product	Collet chuck

Accessories

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

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