

Garant
HiRunER precision ER collet chuck, BT 40 A = 70, for ER collet size: 20

Order data

Order number	302843 20
GTIN	4062406520137
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), 3µm radial run-out with a 2µm collet, 6µm radial run-out with a 5µm collet.**
- **Extremely strong holding force (up to factor 2 better than the standard ER chuck).**
- **Vibration reduction effect due to 2-part clamping nut.**

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. 308760 – 308802, 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 628400 or torque wrench 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 it in only combination with Fahrion collets.**
- **The blue design ring must be removed for Fahrion HP 2µm ER collets.**

ER chuck key No. 309748; No. 309749: 20

Clamping range: 1 - 13 mm

Overhang dimension A: 70 mm

External Ø D: 38 mm

Spare ER clamping nut No. 309617: 20

Technical description

Clamping range	1 - 13 mm
ER chuck key No. 309748; No. 309749	20
External \varnothing D	38 mm
Spare ER clamping nut No. 309617	20
Overhang dimension A	70 mm
Clamping \varnothing D ₁	1-13 mm
Adapter	BT 40 A = 70
Arbor standard	ISO 7388-2
Arbor standard	JIS B6339
Shape	ADB
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	$\leq 3 \mu\text{m}$
Machining strategy	HPC
Machining strategy	HSC
Balluffchip bore	yes
Type of product	Collet chuck