

Garant
HiRunER precision ER collet chuck, PSC 63 A = 100, for ER collet size: 25

Order data

Order number	308542 25
GTIN	4045197944108
Item class	31C

Description
Version:

External and internal tapers are ground. All shanks are 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 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 nuts.**

Application:

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

Supplied with:

Supplied with **precision clamping nut**.

Optional extras:

Coolant tube No. 309885, assembling key No. 309893, 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 the precision collet chuck always in conjunction with the precision clamping nut No. 309617.**
- **Use in combination with Fahrion collets.**
- **The blue design ring must be removed for Fahrion HP 2µm ER collets**

Machining strategy: HSC

ER chuck key No. 309748; No. 309749: 25

Clamping range: 1 - 16 mm

Overhang dimension A: 100 mm
External Ø D: 44 mm
Spare ER clamping nut No. 309617: 25

Technical description

ER chuck key No. 309748; No. 309749	25
Overhang dimension A	100 mm
Spare ER clamping nut No. 309617	25
External Ø D	44 mm
for ER collets	25
Clamping range	1 - 16 mm
Adapter	PSC 63 A = 100
Arbor standard	ISO 26623-1
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HPC
Machining strategy	HSC
Type of product	Collet chuck