

Garant
HiRunER precision ER collet chuck, PSC 63 A = 100, for ER collet size: 16 ER

Order data

Order number	308542 16
GTIN	4045197944092
Item class	31C

Description
Version:

External and internal tapers are ground. All shanks are turned for a smooth cutting action. Including 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 for coolant tubes No. 309893, ER collets No. 308901 – 309434, ER clamping wrenches No. 309748; 309749.

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.**

Machining strategy: HSC

ER chuck key No. 309748; No. 309749: 16

Clamping range: 0.5 - 10 mm

External Ø D: 34 mm

Spare ER clamping nut No. 309617: 16

Technical description

for ER collets	16
Clamping range	0.5 - 10 mm
ER chuck key No. 309748; No. 309749	16
External Ø D	34 mm
Spare ER clamping nut No. 309617	16
Adapter	PSC 63 A = 100
Arbor standard	ISO 26623-2
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