

Garant
HiRunER precision ER collet chuck, HSK-A 63 short, for ER collet size: 20 ER

Order data

Order number	305523 20
GTIN	4062406545017
Item class	31A

Description
Version:

External and internal tapers are ground. All shanks are hard 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 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 pipe No. 309880,
socket wrench No. 309890,
ER clamping wrenches No. 309748; 309749; 309757; 309758,
Fahrion ER collets No. 308901 – 309434.

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.**

Clamping range: 1 - 16 mm

Overhang dimension A: 75 mm
 External Ø D: 38 mm
 Spare ER clamping nut No. 309617: 20

Technical description

for ER collets	20
Overhang dimension A	75 mm
Clamping range	1 - 16 mm
External Ø D	38 mm
Spare ER clamping nut No. 309617	20
Adapter	HSK-A 63 short
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