

FAHRION®
PRAZISION
Precision ER collet chuck CENTRO P, HSK-A 63 A = 200, Type CP for ER: 25
Order data

Order number	305940 25
GTIN	2050001703538
Item class	33F

Description
Version:

- **Ground externally and internally. With Balluffchip bore.**
- **Run-out and repetition accuracy 3 µm at 3×D, maximum 50 mm.**
- **Very high clamping forces due to the collet fully seated in the chuck and coated clamping nut.**
- **Vibration damping due to the element collet and mass of the chuck.**
- **Alternatively without seals, with ER clamping nut CP No. 309655 or sealed system with ER clamping nut CP for HP sealing rings No. 309665 in conjunction with HP sealing rings No.309666 – 309668 (for internal coolant supply or as a dirt trap!).**

Advantage:

Patented optimum seating of the collet, double guides, trapezoidal thread and low-friction coated clamping nut amalgamate when clamped into a sturdy unit, thus ensuring a very high degree of rigidity and precision.

Application:

For high precision clamping of tools with plain shanks.

Supplied with:

Without clamping nut and sealing rings.

Optional extras:

Precision ER collets for HP No. 309368 – 309381, and for taps No. 309402; 309419 (not Horex). ER clamping nuts CP No. 309655; 309665. HP sealing rings No. 309666 – 309668. CP roller bearing wrenches No. 309754; 309756.

Note:

- **CP chuck clamps only nominal Ø up to shank Ø tolerance h10.**
- **Use in combination with Fahrion collets.**

Arbor standard: DIN 69893

Arbor standard: ISO 12164-1

Balance quality G at rotational speed: G 2.5 at 25,000 rpm

Concentricity ER collet with CP collet chuck: ≤ 6 µm

Concentricity HP collet with CP collet chuck: ≤ 3 µm

Machining strategy: HSC

Shape: A
Clamping range: 2 - 16 mm
External Ø D: 40 mm

Technical description

Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Arbor standard	DIN 69893
Arbor standard	ISO 12164-1
with snap ring groove	
Balluffchip bore	
Adapter	HSK-A 63 A = 200
Machining strategy	HSC
suitable for collets	
Concentricity	µm
Concentricity ER collet with CP collet chuck	≤ 6 µm
Concentricity HP collet with CP collet chuck	≤ 3 µm
Through-coolant	
Type of product	