



## Precision ER collet chuck CENTRO P, HSK-A 63 short, Type CP for ER: 40



### Order data

Order number	305910 40
GTIN	2050001766694
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.**

Machining strategy: HSC

Shape: A  
 Clamping range: 3 - 26 mm  
 Overhang dimension A: 80 mm  
 External Ø D: 63 mm

## Technical description

Overhang dimension A	80 mm
Clamping range	3 - 26 mm
Type CP for ER	40
External Ø D	63 mm
Shape	A
Series	Centro P
Adapter	HSK-A 63 short
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
Type of product	Collet chuck

## Accessories

ER collet HP Nominal clamping Ø d 6 mm	309379 6
ER collet HP Nominal clamping Ø d 5 mm	309379 5
ER collet for machine taps with seal Nominal clamping Ø d 16 mm	309419 16
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309419 6
ER collet for machine taps with seal Nominal clamping Ø d 11 mm	309419 11

ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309419 9
ER collet HP with seal Nominal clamping Ø d 14 mm	309380 14
ER collet for machine taps with seal Nominal clamping Ø d 20 mm	309419 20
ER collet HP with seal Nominal clamping Ø d 25 mm	309380 25
ER collet HP Nominal clamping Ø d 21 mm	309379 21
ER collet HP Nominal clamping Ø d 12 mm	309379 12
ER collet HP Nominal clamping Ø d 18 mm	309379 18
ER collet HP Nominal clamping Ø d 7 mm	309379 7
ER collet HP Nominal clamping Ø d 17 mm	309379 17
ER collet HP Nominal clamping Ø d 9 mm	309379 9
ER collet HP with seal Nominal clamping Ø d 18 mm	309380 18
ER collet for machine taps with seal Nominal clamping Ø d 18 mm	309419 18
ER collet HP Nominal clamping Ø d 24 mm	309379 24
ER collet HP Nominal clamping Ø d 19 mm	309379 19
ER collet HP Nominal clamping Ø d 10 mm	309379 10
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309419 7
ER collet HP with seal Nominal clamping Ø d 22 mm	309380 22
ER collet HP with seal and spray nozzles Nominal clamping Ø d 10 mm	309381 10
ER collet HP Nominal clamping Ø d 14 mm	309379 14
ER collet HP Nominal clamping Ø d 23 mm	309379 23
ER collet HP Nominal clamping Ø d 15 mm	309379 15
ER collet HP with seal and spray nozzles Nominal clamping Ø d 25 mm	309381 25
ER collet HP with seal and spray nozzles Nominal clamping Ø d 12 mm	309381 12
ER collet HP with seal Nominal clamping Ø d 10 mm	309380 10
ER collet HP with seal Nominal clamping Ø d 20 mm	309380 20

ER collet HP with seal Nominal clamping Ø d 6 mm	309380 6
ER collet HP with seal Nominal clamping Ø d 8 mm	309380 8
ER collet HP Nominal clamping Ø d 25 mm	309379 25
ER collet for machine taps with seal Nominal clamping Ø d 22 mm	309419 22
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309419 8
ER collet HP Nominal clamping Ø d 4 mm	309379 4
ER collet for machine taps with seal Nominal clamping Ø d 12 mm	309419 12
ER collet HP with seal Nominal clamping Ø d 16 mm	309380 16
ER collet HP Nominal clamping Ø d 22 mm	309379 22
ER collet HP Nominal clamping Ø d 11 mm	309379 11
ER collet HP Nominal clamping Ø d 20 mm	309379 20
CP roller bearing wrench for torque wrenches Type 40	309756 40
ER collet HP Nominal clamping Ø d 3 mm	309379 3
ER collet HP Nominal clamping Ø d 13 mm	309379 13
ER collet HP Nominal clamping Ø d 8 mm	309379 8
ER collet HP with seal Nominal clamping Ø d 12 mm	309380 12
ER collet for machine taps with seal Nominal clamping Ø d 25 mm	309419 25
ER collet HP Nominal clamping Ø d 16 mm	309379 16
ER collet for machine taps with seal Nominal clamping Ø d 14 mm	309419 14
ER collet HP Nominal clamping Ø d 26 mm	309379 26
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309419 10
CP roller bearing wrench Type 40	309754 40
ER collet HP with seal and spray nozzles Nominal clamping Ø d 16 mm	309381 16