

**Garant**
**ER collet chuck Mini slim, HSK-A 63 A = 160, for ER collet size: 25**

**Order data**

Order number	305715 25
GTIN	4045197289834
Item class	31A

**Description**
**Version:**

- **All shanks hard turned (for smooth running!).**
- **With RFID/Balluffchip bore.**
- **Bored open (= ER11).**
- **HSK mating faces machined.**

**Supplied with:**

High Speed ER mini nut, precision balanced (G2.5 / 25,000 rpm).

**Optional extras:**

Coolant tube No. 309880, coolant tube socket wrench No. 309890, ER collets No. 30881 – 309430, ER mini clamping wrench No. 309740.

Machining strategy: HSC

Overhang dimension A: 160 mm

External Ø D: 35 mm

Spare ER mini nut No. 309650: 25

**Technical description**

Spare ER mini nut No. 309650	25
Overhang dimension A	160 mm
for ER collets	25 mm
External Ø D	35 mm
Usable length L <sub>N</sub>	84 mm
Clamping Ø D <sub>1</sub>	1-16 mm

Adapter	HSK-A 63 A = 160
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	HSC
Balluffchip bore	yes
Type of product	Collet chuck

## Accessories

ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	308962 6
ER collet with seal Nominal clamping Ø d 8 mm	308959 8
ER collet HP with seal Nominal clamping Ø d 7 mm	309374 7
ER collet HP Nominal clamping Ø d 10 mm	309373 10
ER collet with seal Nominal clamping Ø d 7 mm	308946 7
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309430 4,5
ER collet with seal Nominal clamping Ø d 14 mm	308946 14
ER collet with seal Nominal clamping Ø d 4 mm	308946 4
ER collet HP Nominal clamping Ø d 5 mm	309373 5
ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm	308962 3
ER collet Nominal clamping Ø d 5 mm	308941 5
ER collet with seal and spray nozzles Nominal clamping Ø d 11 mm	308962 11
ER collet Nominal clamping Ø d 7 mm	308960 7
ER collet Nominal clamping Ø d 14 mm	308941 14

ER collet HP with seal and spray nozzles Nominal clamping Ø d 14 mm	309375 14
ER collet Nominal clamping Ø d 3 mm	308960 3
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309430 8
ER collet Nominal clamping Ø d 13 mm	308941 13
ER collet with seal Nominal clamping Ø d 7 mm	308959 7
ER collet Nominal clamping Ø d 2 mm	308941 2
ER collet with seal Nominal clamping Ø d 9 mm	308946 9
ER collet with seal Nominal clamping Ø d 4 mm	308959 4
ER collet Nominal clamping Ø d 16 mm	308941 16
ER collet HP Nominal clamping Ø d 13 mm	309373 13
ER collet with seal Nominal clamping Ø d 11 mm	308959 11
ER collet with seal Nominal clamping Ø d 16 mm	308946 16
ER collet HP Nominal clamping Ø d 15 mm	309373 15
ER collet Nominal clamping Ø d 4 mm	308960 4
ER collet HP with seal and spray nozzles Nominal clamping Ø d 4 mm	309375 4
ER Mini clamping nut for ER 25	309650 25
ER collet HP Nominal clamping Ø d 16 mm	309373 16
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	308962 7
ER collet with seal Nominal clamping Ø d 5 mm	308959 5
ER collet HP with seal Nominal clamping Ø d 11 mm	309374 11
ER collet HP Nominal clamping Ø d 9 mm	309373 9
ER collet Nominal clamping Ø d 3 mm	308941 3
ER collet with seal Nominal clamping Ø d 10 mm	308946 10
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309430 7
ER collet with seal Nominal clamping Ø d 3 mm	308959 3
	308962 4

ER collet with seal and spray nozzles Nominal clamping Ø d 4 mm

ER collet Nominal clamping Ø d 7 mm	308941 7
ER collet HP with seal Nominal clamping Ø d 12 mm	309374 12
ER collet with seal Nominal clamping Ø d 3 mm	308946 3
ER collet with seal and spray nozzles Nominal clamping Ø d 12 mm	308962 12
ER collet HP Nominal clamping Ø d 7 mm	309373 7
ER collet with seal and spray nozzles Nominal clamping Ø d 15 mm	308962 15
ER collet with seal and spray nozzles Nominal clamping Ø d 16 mm	308962 16
ER collet with seal Nominal clamping Ø d 13 mm	308946 13
ER collet Nominal clamping Ø d 2 mm	308960 2
ER collet HP with seal Nominal clamping Ø d 6 mm	309374 6
ER collet Nominal clamping Ø d 11 mm	308941 11
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309430 3,5
ER collet with seal Nominal clamping Ø d 16 mm	308959 16
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309430 9
ER collet Nominal clamping Ø d 8 mm	308941 8
ER collet with seal Nominal clamping Ø d 15 mm	308946 15
ER collet HP Nominal clamping Ø d 6 mm	309373 6
ER collet Nominal clamping Ø d 13 mm	308960 13
ER collet with seal Nominal clamping Ø d 8 mm	308946 8
ER collet HP with seal and spray nozzles Nominal clamping Ø d 6 mm	309375 6
ER collet set 15 pieces 2–16 mm with seal and spray nozzles	309245
ER collet HP with seal Nominal clamping Ø d 9 mm	309374 9
ER collet HP Nominal clamping Ø d 8 mm	309373 8

ER collet HP with seal Nominal clamping Ø d 8 mm	309374 8
ER collet HP Nominal clamping Ø d 2 mm	309373 2
ER collet HP with seal Nominal clamping Ø d 14 mm	309374 14
ER collet with seal and spray nozzles Nominal clamping Ø d 14 mm	308962 14
ER collet with seal Nominal clamping Ø d 5 mm	308946 5
ER collet Nominal clamping Ø d 12 mm	308960 12
ER collet Nominal clamping Ø d 2,5 mm	308941 2,5
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 10 mm	309430 10
ER collet Nominal clamping Ø d 15 mm	308941 15
ER collet Nominal clamping Ø d 11 mm	308960 11
ER collet with seal Nominal clamping Ø d 13 mm	308959 13
ER collet HP with seal and spray nozzles Nominal clamping Ø d 10 mm	309375 10
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm	309430 2,8
ER collet Nominal clamping Ø d 5 mm	308960 5
ER collet HP with seal Nominal clamping Ø d 10 mm	309374 10
ER collet Nominal clamping Ø d 9 mm	308941 9
Wrench for ER Mini nuts for ER collet chuck 25	309740 25
ER collet HP Nominal clamping Ø d 3 mm	309373 3
ER collet Nominal clamping Ø d 9 mm	308960 9
ER collet Nominal clamping Ø d 12 mm	308941 12
ER collet HP with seal Nominal clamping Ø d 16 mm	309374 16
ER collet Nominal clamping Ø d 10 mm	308960 10
ER collet with seal Nominal clamping Ø d 12 mm	308946 12
ER collet Nominal clamping Ø d 8 mm	308960 8
ER collet Nominal clamping Ø d 6 mm	308960 6
ER collet with seal Nominal clamping Ø d 12 mm	308959 12
ER collet set 15 pieces 2–16 mm	309021

ER collet with seal Nominal clamping Ø d 15 mm	308959 15
ER collet with seal and spray nozzles Nominal clamping Ø d 9 mm	308962 9
ER collet Nominal clamping Ø d 4 mm	308941 4
ER collet with seal Nominal clamping Ø d 14 mm	308959 14
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309430 6
ER collet with seal and spray nozzles Nominal clamping Ø d 13 mm	308962 13
ER collet HP Nominal clamping Ø d 14 mm	309373 14
ER collet Nominal clamping Ø d 16 mm	308960 16
ER collet Nominal clamping Ø d 15 mm	308960 15
ER collet HP with seal Nominal clamping Ø d 4 mm	309374 4
ER collet Nominal clamping Ø d 6 mm	308941 6
ER collet set 15 pieces 2–16 mm with seal	309244
ER collet with seal Nominal clamping Ø d 9 mm	308959 9
ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm	308962 10
ER collet HP with seal Nominal clamping Ø d 15 mm	309374 15
ER collet set 15 pieces 2–16 mm	309240
ER collet with seal Nominal clamping Ø d 6 mm	308959 6
ER collet with seal Nominal clamping Ø d 11 mm	308946 11
ER collet with seal Nominal clamping Ø d 10 mm	308959 10
ER collet HP Nominal clamping Ø d 11 mm	309373 11
ER collet set 7 pieces 4–16 mm with seal	309022
ER collet with seal Nominal clamping Ø d 6 mm	308946 6
ER collet Nominal clamping Ø d 14 mm	308960 14
ER collet Nominal clamping Ø d 10 mm	308941 10
ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm	308962 8
ER collet HP Nominal clamping Ø d 4 mm	309373 4

ER collet HP Nominal clamping Ø d 12 mm	309373 12
ER collet HP with seal Nominal clamping Ø d 5 mm	309374 5
ER collet HP with seal Nominal clamping Ø d 3 mm	309374 3
ER collet HP with seal and spray nozzles Nominal clamping Ø d 8 mm	309375 8
ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	308962 5
ER collet HP with seal Nominal clamping Ø d 13 mm	309374 13
ER collet HP with seal and spray nozzles Nominal clamping Ø d 12 mm	309375 12