

**Garant**
**ER collet chuck Mini slim, HSK-A 100 A = 160, for ER collet size: 11 ER**

**Order data**

Order number	305723 11
GTIN	4062406110734
Item class	31A

**Description**
**Version:**

- **All shanks hard turned (for smooth running!).**
- **With 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

External Ø D: 16 mm

Spare ER mini nut No. 309650: 11

**Technical description**

Spare ER mini nut No. 309650	11
External Ø D	16 mm
Usable length L <sub>N</sub>	111 mm
Adapter	HSK-A 100 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 HP with seal Nominal clamping Ø d 6 mm	309369 6
ER collet Nominal clamping Ø d 6,5 mm	308881 6,5
ER collet Nominal clamping Ø d 5,5 mm	308881 5,5
ER collet Nominal clamping Ø d 3,5 mm	308881 3,5
ER collet Nominal clamping Ø d 4 mm	308918 4
ER collet Nominal clamping Ø d 1,5 mm	308881 1,5
ER collet Nominal clamping Ø d 7 mm	308881 7
ER collet HP Nominal clamping Ø d 5 mm	309368 5
ER collet HP Nominal clamping Ø d 4 mm	309368 4
ER collet HP Nominal clamping Ø d 2 mm	309368 2
ER collet HP Nominal clamping Ø d 3 mm	309368 3
ER collet HP with seal Nominal clamping Ø d 3 mm	309369 3
ER collet Nominal clamping Ø d 4 mm	308881 4
ER collet Nominal clamping Ø d 2 mm	308918 2
ER collet Nominal clamping Ø d 6 mm	308918 6
ER collet HP Nominal clamping Ø d 1 mm	309368 1
ER collet Nominal clamping Ø d 2,5 mm	308881 2,5
ER collet Nominal clamping Ø d 6 mm	308881 6
ER collet HP Nominal clamping Ø d 6 mm	309368 6
ER collet Nominal clamping Ø d 4,5 mm	308881 4,5

ER collet HP with seal Nominal clamping Ø d 5 mm	309369 5
ER collet Nominal clamping Ø d 1 mm	308918 1
ER collet Nominal clamping Ø d 7 mm	308918 7
ER collet HP Nominal clamping Ø d 7 mm	309368 7
ER collet HP with seal Nominal clamping Ø d 4 mm	309369 4
ER collet Nominal clamping Ø d 5 mm	308918 5
ER collet Nominal clamping Ø d 5 mm	308881 5
ER collet Nominal clamping Ø d 1 mm	308881 1
ER collet Nominal clamping Ø d 3 mm	308918 3
ER collet Nominal clamping Ø d 2 mm	308881 2
ER collet Nominal clamping Ø d 3 mm	308881 3