

**Garant**
**ER collet chuck Mini slim, HSK-A 63 A = 130, for ER collet size: 20**

**Order data**

Order number	305712 20
GTIN	4045197763518
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. 308881 – 309430, ER mini clamping wrench No. 309740.

Machining strategy: HSC

Overhang dimension A: 130 mm

External Ø D: 28 mm

Spare ER mini nut No. 309650: 20

**Technical description**

Spare ER mini nut No. 309650	20
for ER collets	20 mm
Overhang dimension A	130 mm
External Ø D	28 mm
Usable length L <sub>N</sub>	96 mm

Clamping $\varnothing D_1$	1-13 mm
Adapter	HSK-A 63 A = 130
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	$\leq 3 \mu\text{m}$
Machining strategy	HSC
Balluffchip bore	yes
Type of product	Collet chuck

## Accessories

ER collet Nominal clamping $\varnothing d$ 11 mm	308930 11
ER collet Nominal clamping $\varnothing d$ 13 mm	308930 13
ER collet with seal Nominal clamping $\varnothing d$ 11 mm	308916 11
ER collet Nominal clamping $\varnothing d$ 3 mm	308930 3
ER collet Nominal clamping $\varnothing d$ 2,5 mm	308911 2,5
ER collet Nominal clamping $\varnothing d$ 5 mm	308930 5
ER collet Nominal clamping $\varnothing d$ 9 mm	308911 9
ER collet Nominal clamping $\varnothing d$ 10 mm	308930 10
ER collet Nominal clamping $\varnothing d$ 8 mm	308930 8
ER collet Nominal clamping $\varnothing d$ 6 mm	308930 6
ER collet Nominal clamping $\varnothing d$ 4 mm	308930 4
ER collet with seal Nominal clamping $\varnothing d$ 7 mm	308916 7
ER collet Nominal clamping $\varnothing d$ 6 mm	308911 6
ER collet Nominal clamping $\varnothing d$ 5 mm	308911 5
ER collet with seal Nominal clamping $\varnothing d$ 5 mm	308916 5
ER collet with seal Nominal clamping $\varnothing d$ 8 mm	308916 8

ER collet Nominal clamping Ø d 10 mm	308911 10
ER collet Nominal clamping Ø d 2 mm	308911 2
Wrench for ER Mini nuts for ER collet chuck 20	309740 20
ER collet Nominal clamping Ø d 7 mm	308911 7
ER collet Nominal clamping Ø d 12 mm	308930 12
ER collet Nominal clamping Ø d 1,5 mm	308911 1,5
ER collet with seal Nominal clamping Ø d 6 mm	308916 6
ER collet Nominal clamping Ø d 7 mm	308930 7
ER collet with seal Nominal clamping Ø d 3 mm	308916 3
ER collet with seal Nominal clamping Ø d 12 mm	308916 12
ER collet Nominal clamping Ø d 3 mm	308911 3
ER Mini clamping nut for ER 20	309650 20
ER collet with seal Nominal clamping Ø d 4 mm	308916 4
ER collet Nominal clamping Ø d 1 mm	308911 1
ER collet Nominal clamping Ø d 2 mm	308930 2
ER collet with seal Nominal clamping Ø d 9 mm	308916 9
ER collet Nominal clamping Ø d 1 mm	308930 1
ER collet set 7 pieces 3, 4, 5, 6, 8, 10, 12 mm with seal	309018
ER collet set 12 pieces 2–13 mm	309016
ER collet Nominal clamping Ø d 8 mm	308911 8
ER collet Nominal clamping Ø d 4 mm	308911 4
ER collet with seal Nominal clamping Ø d 10 mm	308916 10
ER collet Nominal clamping Ø d 9 mm	308930 9