

Garant
ER collet chuck Mini slim, HSK-A 63 A = 160, for ER collet size: 16 ER

Order data

Order number	305715 16
GTIN	4045197289827
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. 308881 – 309430, ER mini clamping wrench No. 309740.

Machining strategy: HSC

External Ø D: 22 mm

Spare ER mini nut No. 309650: 16

Technical description

Spare ER mini nut No. 309650	16
for ER collets	16 mm
External Ø D	22 mm
Usable length L_N	70 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 Nominal clamping Ø d 7 mm	308901 7
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309425 4,5
ER collet with seal Nominal clamping Ø d 10 mm	308906 10
ER collet HP with seal Nominal clamping Ø d 10 mm	309371 10
ER collet with seal Nominal clamping Ø d 8 mm	308906 8
ER collet HP Nominal clamping Ø d 3 mm	309370 3
ER collet Nominal clamping Ø d 10 mm	308920 10
ER collet Nominal clamping Ø d 8 mm	308920 8
ER Mini clamping nut for ER 16	309650 16
ER collet Nominal clamping Ø d 4 mm	308920 4
ER collet HP Nominal clamping Ø d 9 mm	309370 9
ER collet HP with seal and spray nozzles Nominal clamping Ø d 4 mm	309372 4
ER collet Nominal clamping Ø d 9 mm	308901 9
ER collet Nominal clamping Ø d 4 mm	308901 4
ER collet HP with seal Nominal clamping Ø d 5 mm	309371 5
ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	308922 6
ER collet with seal Nominal clamping Ø d 7 mm	308921 7

ER collet set 10 pieces 1–10 mm with seal and spray nozzles	309165
ER collet with seal and spray nozzles Nominal clamping Ø d 9 mm	308922 9
ER collet Nominal clamping Ø d 2 mm	308920 2
ER collet HP with seal Nominal clamping Ø d 3 mm	309371 3
ER collet with seal Nominal clamping Ø d 10 mm	308921 10
ER collet set HP with seal (3; 4; 5; 6; 8; 10mm), 425 E	309391
ER collet HP Nominal clamping Ø d 7 mm	309370 7
ER collet Nominal clamping Ø d 9 mm	308920 9
ER collet HP with seal Nominal clamping Ø d 4 mm	309371 4
ER collet with seal Nominal clamping Ø d 6 mm	308906 6
ER collet Nominal clamping Ø d 3 mm	308920 3
ER collet HP with seal Nominal clamping Ø d 6 mm	309371 6
ER collet Nominal clamping Ø d 1 mm	308901 1
ER collet with seal Nominal clamping Ø d 9 mm	308906 9
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309425 3,5
ER collet HP with seal Nominal clamping Ø d 8 mm	309371 8
ER collet set 10 pieces 1–10 mm	309012
ER collet Nominal clamping Ø d 2,5 mm	308901 2,5
ER collet HP with seal Nominal clamping Ø d 9 mm	309371 9
ER collet Nominal clamping Ø d 1,5 mm	308901 1,5
ER collet Nominal clamping Ø d 6 mm	308920 6
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm	309425 2,8
ER collet set 10 pieces 1–10 mm	309160
ER collet Nominal clamping Ø d 3 mm	308901 3
ER collet HP Nominal clamping Ø d 5 mm	309370 5
ER collet HP Nominal clamping Ø d 8 mm	309370 8
ER collet with seal Nominal clamping Ø d 7 mm	308906 7

ER collet set 6 pieces, 3, 4, 5, 6, 8, 10 mm with seal	309014
ER collet Nominal clamping Ø d 8 mm	308901 8
ER collet with seal Nominal clamping Ø d 5 mm	308906 5
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	308922 7
ER collet set 10 pieces 1–10 mm with seal	309164
ER collet HP with seal and spray nozzles Nominal clamping Ø d 8 mm	309372 8
ER collet Nominal clamping Ø d 10 mm	308901 10
ER collet Nominal clamping Ø d 6 mm	308901 6
ER collet with seal Nominal clamping Ø d 6 mm	308921 6
ER collet Nominal clamping Ø d 5 mm	308920 5
ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	308922 5
Wrench for ER Mini nuts for ER collet chuck 16	309740 16
ER collet with seal Nominal clamping Ø d 8 mm	308921 8
ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm	308922 10
ER collet HP Nominal clamping Ø d 4 mm	309370 4
ER collet HP with seal Nominal clamping Ø d 7 mm	309371 7
ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm	308922 3
ER collet HP Nominal clamping Ø d 6 mm	309370 6
ER collet HP Nominal clamping Ø d 1 mm	309370 1
ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm	308922 8
ER collet HP with seal and spray nozzles Nominal clamping Ø d 6 mm	309372 6
ER collet HP Nominal clamping Ø d 10 mm	309370 10
ER collet with seal Nominal clamping Ø d 3 mm	308906 3
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309425 6

ER collet Nominal clamping Ø d 1 mm	308920 1
ER collet Nominal clamping Ø d 7 mm	308920 7
ER collet Nominal clamping Ø d 2 mm	308901 2
ER collet with seal Nominal clamping Ø d 3 mm	308921 3
ER collet with seal Nominal clamping Ø d 4 mm	308921 4
ER collet with seal and spray nozzles Nominal clamping Ø d 4 mm	308922 4
ER collet with seal Nominal clamping Ø d 5 mm	308921 5
ER collet with seal Nominal clamping Ø d 4 mm	308906 4
ER collet Nominal clamping Ø d 5 mm	308901 5
ER collet HP Nominal clamping Ø d 2 mm	309370 2
ER collet with seal Nominal clamping Ø d 9 mm	308921 9