

Garant
ER collet chuck Mini, HSK-A 100 A = 160, for ER collets: 16 ER

Order data

Order number	305723 16
GTIN	4062406110741
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: 22 mm

Reach L₁: 70 mm

Spare ER mini nut No. 309650: 16

Technical description

External Ø D	22 mm
Reach L ₁	70 mm
Spare ER mini nut No. 309650	16
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
Type of product	Collet chuck

Accessories

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4 mm	309445 4
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 3,5 mm	309404 3,5
ER collet for machine taps with seal Nominal clamping Ø d 2,8 mm	309403 2,8
ER collet with seal Nominal clamping Ø d 5 mm	308921 5
ER collet Nominal clamping Ø d 8 mm	308901 8
ER collet Nominal clamping Ø d 5 mm	308920 5
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309403 9
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309402 4,5
HP collet Nominal clamping Ø d 10 mm	309370 10
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	308922 7
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309402 8
ER collet with seal Nominal clamping Ø d 3 mm	308906 3
ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm	308922 3
ER collet with seal Nominal clamping Ø d 5 mm	308906 5
HP collet Nominal clamping Ø d 5 mm	309370 5

ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309402 6
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm	309425 2,8
ER collet with seal Nominal clamping Ø d 6 mm	308906 6
ER collet Nominal clamping Ø d 3 mm	308920 3
ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	308922 5
HP collet Nominal clamping Ø d 8 mm	309370 8
ER collet with seal Nominal clamping Ø d 3 mm	308921 3
ER collet Nominal clamping Ø d 9 mm	308901 9
ER collet Nominal clamping Ø d 3 mm	308901 3
ER collet Nominal clamping Ø d 8 mm	308920 8
HP collet with seal Nominal clamping Ø d 8 mm	309371 8
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3 mm	309445 3
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 6 mm	309404 6
HP collet Nominal clamping Ø d 9 mm	309370 9
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4,5 mm	309445 4,5
ER collet with seal Nominal clamping Ø d 6 mm	308921 6
HP collet with seal Nominal clamping Ø d 7 mm	309371 7
ER collet with seal Nominal clamping Ø d 7 mm	308906 7
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm	309445 6
ER collet with seal Nominal clamping Ø d 10 mm	308906 10
ER collet Nominal clamping Ø d 4 mm	308901 4
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 5 mm	309445 5
HP collet with seal Nominal clamping Ø d 4 mm	309371 4
HP collet Nominal clamping Ø d 6 mm	309370 6

ER collet with seal Nominal clamping Ø d 10 mm	308921 10
HP collet with seal Nominal clamping Ø d 10 mm	309371 10
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309403 8
ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	308922 6
ER collet Nominal clamping Ø d 1,5 mm	308901 1,5
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 7 mm	309404 7
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309425 3,5
ER collet Nominal clamping Ø d 10 mm	308901 10
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309425 6
ER collet for machine taps with seal Nominal clamping Ø d 3,5 mm	309403 3,5
ER collet Nominal clamping Ø d 5 mm	308901 5
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309403 4,5
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309403 7
HP collet Nominal clamping Ø d 7 mm	309370 7
HP collet Nominal clamping Ø d 4 mm	309370 4
HP collet Nominal clamping Ø d 1 mm	309370 1
ER collet Nominal clamping Ø d 2,5 mm	308901 2,5
ER collet with seal and spray nozzles Nominal clamping Ø d 9 mm	308922 9
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 2,8 mm	309445 2,8
ER collet Nominal clamping Ø d 7 mm	308901 7
ER collet for machine taps with seal Nominal clamping Ø d 2,8 mm	309402 2,8
	309403 6

ER collet for machine taps with seal Nominal clamping Ø d 6 mm

ER collet for machine taps with seal Nominal clamping Ø d 3,5 mm

309402 3,5

ER collet Nominal clamping Ø d 4 mm

308920 4

ER collet Nominal clamping Ø d 1 mm

308920 1

ER collet with seal Nominal clamping Ø d 9 mm

308906 9

ER collet with seal Nominal clamping Ø d 4 mm

308906 4

ER collet Nominal clamping Ø d 2 mm

308901 2

HP collet with seal Nominal clamping Ø d 5 mm

309371 5

HP collet with seal Nominal clamping Ø d 6 mm

309371 6

ER collet Nominal clamping Ø d 7 mm

308920 7

ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm

308922 8

ER clamping nut for precision collet chucks for ER 16

309617 16

ER clamping nut High Speed for ER 16

309610 16

ER plain bearing clamping nut for ER 16

309612 16

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 2 mm

309445 2

HP collet with seal and spray nozzles Nominal clamping Ø d 8 mm

309372 8

ER collet Nominal clamping Ø d 10 mm

308920 10

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

308922 4

HP collet with seal Nominal clamping Ø d 9 mm

309371 9

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3,5 mm

309445 3,5

HP collet Nominal clamping Ø d 3 mm

309370 3

HP collet Nominal clamping Ø d 2 mm

309370 2

ER clamping nut for ER 16

309580 16

ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm

309425 4,5

ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm	308922 10
ER collet Nominal clamping Ø d 2 mm	308920 2
ER collet for machine taps with seal Nominal clamping Ø d 4 mm	309403 4
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 4,5 mm	309404 4,5
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ER collet with seal Nominal clamping Ø d 8 mm	308921 8
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ER collet Nominal clamping Ø d 6 mm	308920 6
HP collet with seal and spray nozzles Nominal clamping Ø d 4 mm	309372 4
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309402 7