

**Garant****ER collet chuck Mini slim, HSK-A 100 A = 100, for ER collet size: 16 ER**

## Order data

|              |               |
|--------------|---------------|
| Order number | 305721 16     |
| GTIN         | 4062406110710 |
| 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                |
| External Ø D                 | 22 mm             |
| Usable length L <sub>N</sub> | 51 mm             |
| Adapter                      | HSK-A 100 A = 100 |
| 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 clamping nut High Speed for ER 16                                                  | 309610 16  |
| ER collet HP with seal Nominal clamping Ø d 9 mm                                      | 309371 9   |
| ET collet for thread tapping, with axial compensation<br>Nominal clamping Ø d 3,5 mm  | 309425 3,5 |
| ER collet for machine taps with seal Nominal clamping Ø d 4 mm                        | 309403 4   |
| ER collet with seal Nominal clamping Ø d 4 mm                                         | 308921 4   |
| ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm                      | 309403 4,5 |
| ER collet HP with seal Nominal clamping Ø d 5 mm                                      | 309371 5   |
| ER collet Nominal clamping Ø d 2 mm                                                   | 308920 2   |
| ER collet with seal Nominal clamping Ø d 10 mm                                        | 308921 10  |
| ER collet with seal Nominal clamping Ø d 5 mm                                         | 308921 5   |
| ER collet Nominal clamping Ø d 1 mm                                                   | 308920 1   |
| ER collet with seal Nominal clamping Ø d 9 mm                                         | 308921 9   |
| ER collet HP with seal and spray nozzles Nominal clamping<br>Ø d 4 mm                 | 309372 4   |
| ER collet for machine taps with seal Nominal clamping Ø d 3,5 mm                      | 309403 3,5 |
| ER collet for machine taps with seal and spray nozzles<br>Nominal clamping Ø d 3,5 mm | 309404 3,5 |

|                                                                                        |            |
|----------------------------------------------------------------------------------------|------------|
| ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 5 mm   | 309445 5   |
| ER collet Nominal clamping Ø d 8 mm                                                    | 308901 8   |
| ER collet Nominal clamping Ø d 9 mm                                                    | 308901 9   |
| ER collet Nominal clamping Ø d 4 mm                                                    | 308920 4   |
| ER collet for machine taps with seal Nominal clamping Ø d 2,8 mm                       | 309403 2,8 |
| ER collet Nominal clamping Ø d 6 mm                                                    | 308901 6   |
| ER collet Nominal clamping Ø d 1 mm                                                    | 308901 1   |
| ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 2,8 mm | 309445 2,8 |
| ER collet for machine taps with seal Nominal clamping Ø d 2,8 mm                       | 309402 2,8 |
| ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm                        | 308922 3   |
| ER collet Nominal clamping Ø d 1,5 mm                                                  | 308901 1,5 |
| ER plain bearing clamping nut for ER 16                                                | 309612 16  |
| ER collet with seal and spray nozzles Nominal clamping Ø d 4 mm                        | 308922 4   |
| ER collet with seal Nominal clamping Ø d 8 mm                                          | 308906 8   |
| ER collet for machine taps with seal Nominal clamping Ø d 9 mm                         | 309402 9   |
| ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4 mm   | 309445 4   |
| ER collet HP with seal and spray nozzles Nominal clamping Ø d 8 mm                     | 309372 8   |
| ER collet with seal Nominal clamping Ø d 6 mm                                          | 308906 6   |
| ER collet for machine taps with seal Nominal clamping Ø d 7 mm                         | 309403 7   |
| ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm                       | 309402 4,5 |
| ER collet Nominal clamping Ø d 6 mm                                                    | 308920 6   |
|                                                                                        | 309445 3   |

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

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

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| ER collet HP Nominal clamping Ø d 9 mm                                                 | 309370 9   |
| ER collet with seal Nominal clamping Ø d 5 mm                                          | 308906 5   |
| ER collet with seal Nominal clamping Ø d 8 mm                                          | 308921 8   |
| ER collet for machine taps with seal Nominal clamping Ø d 9 mm                         | 309403 9   |
| ER collet HP Nominal clamping Ø d 2 mm                                                 | 309370 2   |
| ER collet for machine taps with seal Nominal clamping Ø d 7 mm                         | 309402 7   |
| ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm   | 309445 6   |
| ER collet Nominal clamping Ø d 2,5 mm                                                  | 308901 2,5 |
| ER collet with seal Nominal clamping Ø d 10 mm                                         | 308906 10  |
| ER collet HP with seal and spray nozzles Nominal clamping Ø d 6 mm                     | 309372 6   |
| ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 7 mm       | 309404 7   |
| 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 7 mm                                          | 308906 7   |
| ER clamping nut for ER 16                                                              | 309580 16  |
| ER collet with seal Nominal clamping Ø d 4 mm                                          | 308906 4   |
| 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 8 mm                         | 309403 8   |
| 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 3 mm                                          | 308921 3   |
| ER collet HP Nominal clamping Ø d 3 mm                                                 | 309370 3   |
| ER collet Nominal clamping Ø d 10 mm                                                   | 308920 10  |
| ER collet HP with seal Nominal clamping Ø d 6 mm                                       | 309371 6   |
|                                                                                        | 308922 8   |

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

ER collet Nominal clamping Ø d 5 mm

308901 5

ER collet with seal Nominal clamping Ø d 9 mm

308906 9

ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm

308922 7

ET collet for thread tapping, with axial compensation  
Nominal clamping Ø d 2,8 mm

309425 2,8

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

309404 8

ER collet with seal Nominal clamping Ø d 3 mm

308906 3

ER collet HP Nominal clamping Ø d 8 mm

309370 8

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

309403 6

ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm

308922 5

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

309402 3,5

ER collet HP Nominal clamping Ø d 10 mm

309370 10

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

309402 6

ER clamping nut for HiRunER collet chucks for ER 16

309617 16

ER collet HP Nominal clamping Ø d 5 mm

309370 5

ER collet Nominal clamping Ø d 5 mm

308920 5

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

309404 6

ER collet HP with seal Nominal clamping Ø d 7 mm

309371 7

ER collet HP Nominal clamping Ø d 6 mm

309370 6

ER collet HP with seal Nominal clamping Ø d 10 mm

309371 10

ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm

308922 6

ER collet HP Nominal clamping Ø d 1 mm

309370 1