

**Garant****ER collet chuck Form ADB, BT 50 A = 100, for ER collet size: 32**

## Order data

|              |               |
|--------------|---------------|
| Order number | 302828 32     |
| GTIN         | 4062406100322 |
| Item class   | 31A           |

## Description

### Version:

External and internal taper ground.

- **All shanks hard turned (for smooth running!). Balancing quality G2.5/25,000 rpm.**
- **Clamping nut balanced for HSM (G2.5/25,000 rpm).**
- **Optimum wear characteristics and torque transmission due to the coated precision clamping nut.**

### Application:

For clamping tools with parallel shank in collets to **DIN 6499 Form A and B.**

### Supplied with:

ER clamping nut.

### Optional extras:

ER collets No. 308881 – 309434, ER chuck keys No. 309680 – 309745 or No. 613300.

Pull studs (PS) No. 308760 – 308802. Pull stud wrenches No. 308820; 308835.

### Note:

Matching clamping nut No. 309580 or 309610.

Machining strategy: HSC

Clamping range: 2 - 20 mm

Overhang dimension A: 100 mm

External Ø D: 50 mm

Spare ER clamping nut: 32

ER chuck key: 32

## Technical description

|                           |               |
|---------------------------|---------------|
| ER chuck key              | 32            |
| Clamping range            | 2 - 20 mm     |
| Spare ER clamping nut     | 32            |
| Overhang dimension A      | 100 mm        |
| External Ø D              | 50 mm         |
| Clamping Ø D <sub>1</sub> | 2-20 mm       |
| Adapter                   | BT 50 A = 100 |
| Arbor standard            | JIS B6339     |
| Arbor standard            | JIS B6339     |
| Concentricity             | ≤ 3 µm        |
| Machining strategy        | HSC           |
| Type of product           | Collet chuck  |

## Accessories

|  |           |
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| ER collet for machine taps with seal Nominal clamping Ø d 6 mm                           | 309416 6  |
| ER collet with seal and spray nozzles Nominal clamping Ø d 13 mm                         | 309002 13 |
| Pull stud 45° sealed suitable for steep tapers 50  | 308760 50 |
| ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 5 mm     | 309448 5  |
| Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50 | 308820 50 |
| ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 18 mm        | 309418 18 |
| ER collet with seal Nominal clamping Ø d 13 mm   | 308986 13 |
| ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm                          | 309002 8  |
| ER collet with seal Nominal clamping Ø d 8 mm  | 308986 8  |

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| ER collet for machine taps with seal Nominal clamping Ø d 10 mm                       | 309414 10  |
| ER collet Nominal clamping Ø d 8 mm   | 308981 8   |
| ER collet Nominal clamping Ø d 19 mm  | 309000 19  |
| ER collet Nominal clamping Ø d 16 mm  | 309000 16  |
| ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 14 mm | 309448 14  |
| ER collet for machine taps with seal Nominal clamping Ø d 7 mm                        | 309414 7   |
| ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm                       | 309002 5   |
| Wrench for pull studs ISO 7388 suitable for ISO taper size 50                         | 308830 50  |
| ER collet Nominal clamping Ø d 10 mm  | 308981 10  |
| Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 50              | 308810 50  |
| ER collet Nominal clamping Ø d 7 mm   | 308981 7   |
| Torque insert for Pull studs to SO 7388 suitable for ISO taper size 50                | 308812 50  |
| ER collet for machine taps with seal Nominal clamping Ø d 7 mm                        | 309416 7   |
| ER collet with seal Nominal clamping Ø d 11 mm  | 308986 11  |
| ER collet with seal Nominal clamping Ø d 6 mm   | 309001 6   |
| ER collet with seal Nominal clamping Ø d 16 mm  | 308986 16  |
| ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 4,5 mm    | 309418 4,5 |
| ER collet for machine taps with seal Nominal clamping Ø d 10 mm                       | 309416 10  |
| ER collet with seal and spray nozzles Nominal clamping Ø d 11 mm                      | 309002 11  |
| ER collet with seal and spray nozzles Nominal clamping Ø d 9 mm                       | 309002 9   |
| ER collet Nominal clamping Ø d 20 mm  | 308981 20  |

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| ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4 mm  | 309448 4  |
| Pull stud 90° sealed suitable for steep tapers 50                                     | 308790 50 |
| ER collet Nominal clamping Ø d 14 mm  | 308981 14 |
| ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 12 mm | 309448 12 |
| ER collet Nominal clamping Ø d 3 mm   | 308981 3  |
| ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 12 mm     | 309418 12 |
| ER collet Nominal clamping Ø d 4 mm   | 309000 4  |
| ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 7 mm      | 309418 7  |
| ER collet with seal Nominal clamping Ø d 20 mm  | 309001 20 |
| ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 8 mm  | 309448 8  |
| ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 6 mm      | 309418 6  |
| ER collet with seal Nominal clamping Ø d 18 mm  | 309001 18 |
| ER collet for machine taps with seal Nominal clamping Ø d 11 mm                       | 309416 11 |
| ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm                       | 309002 7  |
| ER collet Nominal clamping Ø d 13 mm  | 308981 13 |
| ER collet with seal Nominal clamping Ø d 19 mm  | 309001 19 |
| ER collet with seal Nominal clamping Ø d 17 mm  | 309001 17 |
| ER collet with seal and spray nozzles Nominal clamping Ø d 18 mm                      | 309002 18 |
| ER collet with seal and spray nozzles Nominal clamping Ø d 20 mm                      | 309002 20 |
| ER collet Nominal clamping Ø d 5 mm   | 309000 5  |
| ER collet for machine taps with seal Nominal clamping Ø d 8 mm                        | 309416 8  |
|   | 309448 11 |

ET collet with radial compensation for tapping and reaming Nominal clamping  $\varnothing$  d 11 mm

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| ER collet with seal Nominal clamping $\varnothing$ d 9 mm  | 309001 9   |
| ER collet for machine taps with seal Nominal clamping $\varnothing$ d 6 mm                       | 309414 6   |
| ET collet for thread tapping, with axial compensation Nominal clamping $\varnothing$ d 8 mm      | 309432 8   |
| ER collet for machine taps with seal Nominal clamping $\varnothing$ d 20 mm                      | 309414 20  |
| ER collet for machine taps with seal and spray nozzles Nominal clamping $\varnothing$ d 8 mm     | 309418 8   |
| ER collet with seal Nominal clamping $\varnothing$ d 7 mm  | 308986 7   |
| ER collet with seal Nominal clamping $\varnothing$ d 5 mm  | 308986 5   |
| ER collet with seal Nominal clamping $\varnothing$ d 11 mm                                       | 309001 11  |
| ER collet with seal Nominal clamping $\varnothing$ d 9 mm  | 308986 9   |
| ER collet with seal Nominal clamping $\varnothing$ d 20 mm                                       | 308986 20  |
| ER collet Nominal clamping $\varnothing$ d 11 mm   | 308981 11  |
| ER collet with seal Nominal clamping $\varnothing$ d 18 mm                                       | 308986 18  |
| ER collet Nominal clamping $\varnothing$ d 6 mm  | 309000 6   |
| ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 6 mm                      | 309002 6   |
| ER collet for machine taps with seal Nominal clamping $\varnothing$ d 16 mm                      | 309416 16  |
| ER collet for machine taps with seal Nominal clamping $\varnothing$ d 9 mm                       | 309416 9   |
| ER collet with seal Nominal clamping $\varnothing$ d 14 mm                                       | 308986 14  |
| ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 7 mm | 309448 7   |
| ER collet Nominal clamping $\varnothing$ d 6 mm  | 308981 6   |
| ET collet for thread tapping, with axial compensation Nominal clamping $\varnothing$ d 4,5 mm    | 309432 4,5 |
| ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 12 mm                     | 309002 12  |

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| ET collet for thread tapping, with axial compensation<br>Nominal clamping Ø d 7 mm       | 309432 7   |
| ER collet for machine taps with seal Nominal clamping Ø d<br>4,5 mm                      | 309414 4,5 |
| ER clamping nut for HiRunER collet chucks for ER 32                                      | 309617 32  |
| ER collet for machine taps with seal and spray nozzles<br>Nominal clamping Ø d 10 mm     | 309418 10  |
| ER clamping nut for ER 32  | 309580 32  |
| ER collet with seal and spray nozzles Nominal clamping Ø<br>d 4 mm                       | 309002 4   |
| ER collet Nominal clamping Ø d 12 mm   | 309000 12  |
| ER collet with seal Nominal clamping Ø d 3 mm  | 308986 3   |
| ER collet for machine taps with seal and spray nozzles<br>Nominal clamping Ø d 9 mm      | 309418 9   |
| ER collet Nominal clamping Ø d 4 mm  | 308981 4   |
| ER collet Nominal clamping Ø d 13 mm   | 309000 13  |
| ER collet Nominal clamping Ø d 12 mm   | 308981 12  |
| ER collet with seal and spray nozzles Nominal clamping Ø<br>d 16 mm                      | 309002 16  |
| ET collet with radial compensation for tapping and<br>reaming Nominal clamping Ø d 10 mm | 309448 10  |
| ER collet Nominal clamping Ø d 18 mm   | 309000 18  |
| ER collet Nominal clamping Ø d 17 mm   | 308981 17  |
| ER collet with seal Nominal clamping Ø d 10 mm   | 309001 10  |
| ET collet with radial compensation for tapping and<br>reaming Nominal clamping Ø d 9 mm  | 309448 9   |
| ER collet for machine taps with seal and spray nozzles<br>Nominal clamping Ø d 14 mm     | 309418 14  |
| ER collet for machine taps with seal and spray nozzles<br>Nominal clamping Ø d 16 mm     | 309418 16  |
| ER collet for machine taps with seal Nominal clamping Ø d<br>14 mm                       | 309416 14  |
| ER collet with seal Nominal clamping Ø d 16 mm   | 309001 16  |

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| ER collet with seal Nominal clamping Ø d 13 mm                                       | 309001 13 |
| ER collet with seal Nominal clamping Ø d 10 mm                                       | 308986 10 |
| ET collet for thread tapping, with axial compensation<br>Nominal clamping Ø d 11 mm  | 309432 11 |
| ER collet with seal Nominal clamping Ø d 6 mm  | 308986 6  |
| ER collet Nominal clamping Ø d 3 mm  | 309000 3  |
| ER collet with seal Nominal clamping Ø d 19 mm                                       | 308986 19 |
| ER collet Nominal clamping Ø d 9 mm  | 309000 9  |
| ER collet with seal Nominal clamping Ø d 3 mm  | 309001 3  |
| ER collet for machine taps with seal Nominal clamping Ø d<br>12 mm                   | 309416 12 |
| ER clamping nut High Speed for ER 32   | 309610 32 |
| ER collet for machine taps with seal Nominal clamping Ø d<br>18 mm                   | 309414 18 |
| ET collet for thread tapping, with axial compensation<br>Nominal clamping Ø d 12 mm  | 309432 12 |
| ER collet with seal Nominal clamping Ø d 4 mm  | 308986 4  |
| ER collet Nominal clamping Ø d 16 mm   | 308981 16 |
| ER collet with seal and spray nozzles Nominal clamping Ø<br>d 19 mm                  | 309002 19 |
| ER collet Nominal clamping Ø d 15 mm   | 308981 15 |
| Pull stud 60° sealed suitable for steep tapers 50                                    | 308785 50 |
| ER plain bearing clamping nut for ER 32  | 309612 32 |
| ER collet with seal Nominal clamping Ø d 7 mm  | 309001 7  |
| ER collet for machine taps with seal and spray nozzles<br>Nominal clamping Ø d 11 mm | 309418 11 |
| ER collet with seal Nominal clamping Ø d 15 mm                                       | 308986 15 |
| ER collet for machine taps with seal Nominal clamping Ø d<br>16 mm                   | 309414 16 |
| ER collet with seal Nominal clamping Ø d 17 mm                                       | 308986 17 |
| ER collet for machine taps with seal Nominal clamping Ø d<br>11 mm                   | 309414 11 |

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| ER collet with seal Nominal clamping Ø d 12 mm                                    | 309001 12 |
| ER collet with seal Nominal clamping Ø d 8 mm                                     | 309001 8  |
| ER collet with seal and spray nozzles Nominal clamping Ø d 14 mm                  | 309002 14 |
| Pull-stud 60° sealed suitable for steep tapers 50                                 | 308780 50 |
| ER collet Nominal clamping Ø d 19 mm  | 308981 19 |
| ER collet Nominal clamping Ø d 17 mm  | 309000 17 |
| ER collet Nominal clamping Ø d 18 mm  | 308981 18 |
| Pull stud 90° sealed suitable for steep tapers 50                                 | 308795 50 |
| ER collet for machine taps with seal Nominal clamping Ø d 14 mm                   | 309414 14 |
| ER collet Nominal clamping Ø d 8 mm   | 309000 8  |
| ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 20 mm | 309418 20 |
| ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm                   | 309002 3  |
| ER collet Nominal clamping Ø d 15 mm  | 309000 15 |
| ER collet with seal and spray nozzles Nominal clamping Ø d 17 mm                  | 309002 17 |
| ER collet for machine taps with seal Nominal clamping Ø d 8 mm                    | 309414 8  |
| ER collet with seal Nominal clamping Ø d 4 mm                                     | 309001 4  |
| ER collet with seal Nominal clamping Ø d 5 mm                                     | 309001 5  |
| ER chuck key for ER collet chuck 32   | 309680 32 |
| ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm   | 309432 9  |
| ER collet Nominal clamping Ø d 7 mm   | 309000 7  |
| ER collet Nominal clamping Ø d 5 mm   | 308981 5  |
| ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm                  | 309002 10 |
| ER collet with seal and spray nozzles Nominal clamping Ø d 15 mm                  | 309002 15 |



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| ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4,5 mm | 309448 4,5 |
| ER collet Nominal clamping Ø d 11 mm   | 309000 11  |
| ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm        | 309432 6   |
| ER collet Nominal clamping Ø d 10 mm   | 309000 10  |
| ER collet Nominal clamping Ø d 14 mm   | 309000 14  |
| Pull stud 45° sealed suitable for steep tapers 50                                      | 308765 50  |
| ER collet Nominal clamping Ø d 9 mm  | 308981 9   |
| ER collet with seal Nominal clamping Ø d 14 mm   | 309001 14  |
| ER collet Nominal clamping Ø d 20 mm   | 309000 20  |
| ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm   | 309448 6   |
| ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm                       | 309416 4,5 |
| ET collet for thread tapping, with axial compensation Nominal clamping Ø d 10 mm       | 309432 10  |
| ER collet with seal Nominal clamping Ø d 15 mm   | 309001 15  |
| ER collet for machine taps with seal Nominal clamping Ø d 18 mm                        | 309416 18  |
| ER collet for machine taps with seal Nominal clamping Ø d 12 mm                        | 309414 12  |
| ER collet with seal Nominal clamping Ø d 12 mm   | 308986 12  |
| ER collet for machine taps with seal Nominal clamping Ø d 20 mm                        | 309416 20  |
| ER collet for machine taps with seal Nominal clamping Ø d 9 mm                         | 309414 9   |