

**Garant****ER collet chuck Form ADB, BT 50 A = 100, for ER collet size: 16****Order data**

Order number	302828 16
GTIN	4062406100292
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 – 308806. Pull stud wrenches No. 308820; 308835.

**Note:**

Matching clamping nut No. 309580 or 309610.

Machining strategy: HSC

Clamping range: 0.5 - 10 mm

Overhang dimension A: 100 mm

External Ø D: 28 mm

Spare ER clamping nut: 16

ER chuck key: 16

**Technical description**

Spare ER clamping nut	16
External Ø D	28 mm
Clamping range	0.5 - 10 mm
Overhang dimension A	100 mm
ER chuck key	16
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

ER collet for machine taps with seal Nominal clamping Ø d 3,5 mm	309403 3,5
ER collet Nominal clamping Ø d 3 mm	308901 3
ER collet with seal Nominal clamping Ø d 9 mm	308921 9
ER collet Nominal clamping Ø d 10 mm	308920 10
ER collet Nominal clamping Ø d 7 mm	308901 7
Pull-stud 60° sealed suitable for steep tapers 50	308780 50
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309425 3,5
ER collet with seal Nominal clamping Ø d 5 mm	308921 5
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	308922 7
ER collet with seal Nominal clamping Ø d 7 mm	308921 7
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309402 8

ER collet for machine taps with seal Nominal clamping $\varnothing$ d 3,5 mm	309402 3,5
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 3 mm	308922 3
ER plain bearing clamping nut for ER 16	309612 16
ER clamping nut for HiRunER collet chucks for ER 16	309617 16
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 4 mm	309402 4
ER collet with seal Nominal clamping $\varnothing$ d 10 mm	308906 10
ER collet with seal Nominal clamping $\varnothing$ d 8 mm	308906 8
ER collet for machine taps with seal and spray nozzles Nominal clamping $\varnothing$ d 6 mm	309404 6
ET collet for thread tapping, with axial compensation Nominal clamping $\varnothing$ d 6 mm	309425 6
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 9 mm	308922 9
ET collet for thread tapping, with axial compensation Nominal clamping $\varnothing$ d 4,5 mm	309425 4,5
ET collet with radial compensation for tapping and reaming Nominal clamping $\varnothing$ d 4,5 mm	309445 4,5
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 4 mm	309403 4
Single open ended spanner Width across flats 25 mm	613300 25
ER collet Nominal clamping $\varnothing$ d 1 mm	308901 1
ER collet Nominal clamping $\varnothing$ d 10 mm	308901 10
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 50	308810 50
Pull stud 60° sealed suitable for steep tapers 50	308785 50
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 6 mm	309402 6
ER collet Nominal clamping $\varnothing$ d 5 mm	308920 5
ER collet with seal Nominal clamping $\varnothing$ d 3 mm	308906 3
ER collet Nominal clamping $\varnothing$ d 6 mm	308920 6

ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 3,5 mm	309404 3,5
ER collet Nominal clamping Ø d 4 mm	308901 4
ER collet with seal Nominal clamping Ø d 4 mm	308906 4
Wrench for pull studs ISO 7388 suitable for ISO taper size 50	308830 50
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 for machine taps with seal Nominal clamping Ø d 9 mm	309402 9
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309403 4,5
ER collet Nominal clamping Ø d 4 mm	308920 4
ER collet Nominal clamping Ø d 9 mm	308920 9
ER collet for machine taps with seal Nominal clamping Ø d 2,8 mm	309402 2,8
ER clamping nut for ER 16	309580 16
Pull stud 45° sealed suitable for steep tapers 50	308765 50
ER clamping nut High Speed for ER 16	309610 16
ER collet with seal Nominal clamping Ø d 10 mm	308921 10
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 2 mm	309445 2
ER collet Nominal clamping Ø d 1 mm	308920 1
ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm	308922 8
ER collet Nominal clamping Ø d 7 mm	308920 7
ER collet with seal Nominal clamping Ø d 4 mm	308921 4
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 3 mm	309445 3
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309402 7

ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	308922 5
ER collet with seal Nominal clamping Ø d 8 mm	308921 8
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 50	308812 50
ER collet with seal and spray nozzles Nominal clamping Ø d 4 mm	308922 4
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	308906 5
ER collet Nominal clamping Ø d 9 mm	308901 9
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 4,5 mm	309404 4,5
ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	308922 6
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 7 mm	309403 7
Pull stud 90° sealed suitable for steep tapers 50	308790 50
ER collet with seal Nominal clamping Ø d 9 mm	308906 9
ER collet Nominal clamping Ø d 2 mm	308901 2
Pull stud 90° sealed suitable for steep tapers 50	308795 50
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm	309425 2,8
ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm	308922 10
ER collet with seal Nominal clamping Ø d 6 mm	308921 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 3 mm	308920 3
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50

ER collet Nominal clamping Ø d 1,5 mm	308901 1,5
Pull stud 45° sealed suitable for steep tapers 50	308760 50
ER collet Nominal clamping Ø d 2,5 mm	308901 2,5
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 4,5 mm	309402 4,5
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4 mm	309445 4
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm	309445 6
ER collet Nominal clamping Ø d 5 mm	308901 5
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309403 8
ER collet Nominal clamping Ø d 2 mm	308920 2
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3,5 mm	309445 3,5
ER collet with seal Nominal clamping Ø d 6 mm	308906 6
ER collet with seal Nominal clamping Ø d 3 mm	308921 3
ER collet Nominal clamping Ø d 8 mm	308920 8
ER collet Nominal clamping Ø d 6 mm	308901 6
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309403 6
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 8 mm	309404 8