

Garant**ER collet chuck Form ADB, BT 50 A = 100, for ER collet size: 20**

Order data

Order number	302828 20
GTIN	4062406100308
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: 1 - 13 mm

Overhang dimension A: 100 mm

External Ø D: 34 mm

Spare ER clamping nut: 20

ER chuck key: 20

Technical description

External Ø D	34 mm
Spare ER clamping nut	20
Clamping range	1 - 13 mm
Overhang dimension A	100 mm
ER chuck key	20
Clamping Ø D ₁	1-13 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

ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm	309428 2,8
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309428 7
ER collet Nominal clamping Ø d 3 mm	308930 3
ER collet Nominal clamping Ø d 3 mm	308911 3
ER collet for machine taps with seal Nominal clamping Ø d 3,5 mm	309406 3,5
ER collet with seal Nominal clamping Ø d 4 mm	308916 4
ER collet Nominal clamping Ø d 5 mm	308911 5
ER collet with seal Nominal clamping Ø d 6 mm	308916 6
Pull stud 60° sealed suitable for steep tapers 50	308785 50
ER collet Nominal clamping Ø d 9 mm	308930 9
ER collet with seal Nominal clamping Ø d 12 mm	308916 12

Pull stud 90° sealed suitable for steep tapers 50	308795 50
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3,5 mm	309446 3,5
ER collet Nominal clamping Ø d 11 mm	308930 11
ER collet Nominal clamping Ø d 10 mm	308911 10
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3 mm	309446 3
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 8 mm	309446 8
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309406 4,5
ER collet Nominal clamping Ø d 1,5 mm	308911 1,5
ER collet Nominal clamping Ø d 7 mm	308911 7
ER collet Nominal clamping Ø d 2,5 mm	308911 2,5
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309406 6
ER collet Nominal clamping Ø d 6 mm	308930 6
ER collet Nominal clamping Ø d 6 mm	308911 6
ER collet Nominal clamping Ø d 1 mm	308911 1
Pull stud 45° sealed suitable for steep tapers 50	308765 50
ER collet Nominal clamping Ø d 12 mm	308930 12
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 50	308810 50
ER collet Nominal clamping Ø d 4 mm	308911 4
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309428 4,5
Pull-stud 60° sealed suitable for steep tapers 50	308780 50
ER collet Nominal clamping Ø d 12 mm	308911 12
ER collet Nominal clamping Ø d 7 mm	308930 7
ER clamping nut for ER 20	309580 20
ER collet with seal Nominal clamping Ø d 11 mm	308916 11
	309406 7

ER collet for machine taps with seal Nominal clamping Ø d 7 mm

ER collet Nominal clamping Ø d 13 mm	308911 13
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50
ER collet with seal Nominal clamping Ø d 5 mm	308916 5
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4 mm	309446 4
ER collet Nominal clamping Ø d 4 mm	308930 4
ER collet with seal Nominal clamping Ø d 10 mm	308916 10
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309428 3,5
ER collet for machine taps with seal Nominal clamping Ø d 4 mm	309406 4
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 5 mm	309446 5
Pull stud 45° sealed suitable for steep tapers 50	308760 50
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309406 9
ER collet Nominal clamping Ø d 2 mm	308911 2
Wrench for pull studs ISO 7388 suitable for ISO taper size 50	308830 50
ER collet with seal Nominal clamping Ø d 9 mm	308916 9
ER collet Nominal clamping Ø d 9 mm	308911 9
ER collet Nominal clamping Ø d 10 mm	308930 10
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 2,8 mm	309446 2,8
ER collet with seal Nominal clamping Ø d 8 mm	308916 8
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm	309446 6
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309406 10
	309446 4,5

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4,5 mm	
ER collet Nominal clamping Ø d 13 mm	308930 13
ER collet Nominal clamping Ø d 8 mm	308911 8
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 7 mm	309446 7
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309428 6
Single open ended spanner Width across flats 25 mm	613300 25
ER collet with seal Nominal clamping Ø d 7 mm	308916 7
ER collet Nominal clamping Ø d 8 mm	308930 8
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 50	308812 50
ER collet Nominal clamping Ø d 2 mm	308930 2
ER collet Nominal clamping Ø d 5 mm	308930 5
ER collet with seal Nominal clamping Ø d 3 mm	308916 3
ER collet Nominal clamping Ø d 11 mm	308911 11
Pull stud 90° sealed suitable for steep tapers 50	308790 50
ER collet Nominal clamping Ø d 1 mm	308930 1
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309406 8