



ER collet chuck Form ADB, BT 50 short, for ER collets: 25 ER



Order data

Order number	302820 25
GTIN	4250122615415
Item class	36E

Description

Version:

External and internal taper ground.
All shanks burnished.

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: 1 - 16 mm

Overhang dimension A: 70 mm

External Ø D: 42 mm

Spare ER clamping nut: 25

ER chuck key: 25

Technical description

for ER collets	25
ER chuck key	25

Overhang dimension A	70 mm
Spare ER clamping nut	25
Clamping range	1 - 16 mm
External Ø D	42 mm
Adapter	BT 50 short
Arbor standard	ISO 7388-2
Arbor standard	JIS B6339
Shape	ADB
Balance quality G at rotational speed	G 6.3 at 20,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HSC
Type of product	Collet chuck

Accessories

ER collet with seal Nominal clamping Ø d 4 mm	308946 4
ER collet HP Nominal clamping Ø d 8 mm	309373 8
ER collet with seal Nominal clamping Ø d 12 mm	308959 12
ER collet with seal and spray nozzles Nominal clamping Ø d 9 mm	308962 9
ER collet with seal Nominal clamping Ø d 5 mm	308959 5
ER collet HP with seal Nominal clamping Ø d 6 mm	309374 6
ER collet with seal Nominal clamping Ø d 15 mm	308946 15
ER collet with seal Nominal clamping Ø d 10 mm	308946 10
ER collet HP with seal Nominal clamping Ø d 7 mm	309374 7
ER collet HP with seal Nominal clamping Ø d 4 mm	309374 4
ER collet with seal Nominal clamping Ø d 8 mm	308959 8
ER collet with seal Nominal clamping Ø d 9 mm	308959 9
ER collet Nominal clamping Ø d 5 mm	308960 5

ER collet with seal and spray nozzles Nominal clamping Ø d 12 mm	308962 12
ER collet with seal Nominal clamping Ø d 13 mm	308959 13
ER collet with seal Nominal clamping Ø d 11 mm	308946 11
ER collet HP with seal and spray nozzles Nominal clamping Ø d 10 mm	309375 10
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm	309430 2,8
ER collet with seal Nominal clamping Ø d 3 mm	308946 3
ER collet HP Nominal clamping Ø d 16 mm	309373 16
ER collet HP with seal Nominal clamping Ø d 14 mm	309374 14
ER collet Nominal clamping Ø d 5 mm	308941 5
ER collet HP with seal and spray nozzles Nominal clamping Ø d 6 mm	309375 6
ER collet HP Nominal clamping Ø d 2 mm	309373 2
ER collet with seal Nominal clamping Ø d 3 mm	308959 3
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309430 3,5
ER collet HP with seal Nominal clamping Ø d 5 mm	309374 5
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for steep tapers 50 SK	308820 50
ER collet Nominal clamping Ø d 2,5 mm	308941 2,5
ER collet with seal and spray nozzles Nominal clamping Ø d 4 mm	308962 4
ER collet Nominal clamping Ø d 4 mm	308941 4
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309430 6
ER collet Nominal clamping Ø d 9 mm	308941 9
ER chuck key for ER collet chuck 25	309680 25
Pull stud 45° sealed suitable for steep tapers 50	308760 50
ER collet Nominal clamping Ø d 10 mm	308960 10
ER collet HP with seal Nominal clamping Ø d 15 mm	309374 15

ER collet HP Nominal clamping Ø d 14 mm	309373 14
ER collet Nominal clamping Ø d 6 mm	308960 6
ER collet HP with seal Nominal clamping Ø d 12 mm	309374 12
ER collet with seal Nominal clamping Ø d 6 mm	308959 6
ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm	308962 8
ER collet HP Nominal clamping Ø d 11 mm	309373 11
ER collet Nominal clamping Ø d 3 mm	308960 3
ER collet HP Nominal clamping Ø d 13 mm	309373 13
ER collet HP with seal Nominal clamping Ø d 13 mm	309374 13
ER collet HP with seal Nominal clamping Ø d 3 mm	309374 3
ER collet set 7 pieces 4–16 mm with seal	309022
ER collet HP with seal and spray nozzles Nominal clamping Ø d 8 mm	309375 8
ER collet set HP with seal (4; 6; 8; 10; 12; 14; 16mm) 429 E	309394
ER collet with seal and spray nozzles Nominal clamping Ø d 16 mm	308962 16
ER collet with seal Nominal clamping Ø d 16 mm	308959 16
ER collet with seal and spray nozzles Nominal clamping Ø d 14 mm	308962 14
ER collet with seal Nominal clamping Ø d 12 mm	308946 12
ER collet with seal Nominal clamping Ø d 14 mm	308959 14
ER collet Nominal clamping Ø d 6 mm	308941 6
ER collet Nominal clamping Ø d 9 mm	308960 9
ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm	308962 3
ER collet with seal Nominal clamping Ø d 8 mm	308946 8
ER collet HP Nominal clamping Ø d 10 mm	309373 10
ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	308962 5
ER collet with seal Nominal clamping Ø d 11 mm	308959 11

ER collet HP Nominal clamping Ø d 15 mm	309373 15
ER collet HP with seal Nominal clamping Ø d 9 mm	309374 9
Pull stud 45° sealed suitable for steep tapers 50	308765 50
ER collet Nominal clamping Ø d 12 mm	308941 12
ER collet Nominal clamping Ø d 3 mm	308941 3
Pull stud 60° sealed suitable for steep tapers 50	308785 50
ER collet Nominal clamping Ø d 15 mm	308960 15
ER collet HP with seal Nominal clamping Ø d 10 mm	309374 10
Pull stud 90° sealed suitable for steep tapers 50	308795 50
ER collet HP with seal and spray nozzles Nominal clamping Ø d 14 mm	309375 14
ER collet Nominal clamping Ø d 7 mm	308941 7
ER collet Nominal clamping Ø d 4 mm	308960 4
ER collet HP with seal Nominal clamping Ø d 11 mm	309374 11
ER collet with seal Nominal clamping Ø d 14 mm	308946 14
ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm	308962 10
Torque insert for Pull studs to DIN 69872 suitable for steep tapers 50 SK	308810 50
ER collet Nominal clamping Ø d 16 mm	308960 16
ER collet Nominal clamping Ø d 14 mm	308941 14
ER collet with seal and spray nozzles Nominal clamping Ø d 13 mm	308962 13
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 10 mm	309430 10
ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	308962 6
ER collet Nominal clamping Ø d 2 mm	308941 2
ER collet with seal Nominal clamping Ø d 7 mm	308959 7
ER collet with seal and spray nozzles Nominal clamping Ø d 11 mm	308962 11
	309430 7

ET collet for thread tapping, with axial compensation
Nominal clamping Ø d 7 mm

ER collet with seal Nominal clamping Ø d 4 mm	308959 4
ER collet Nominal clamping Ø d 11 mm	308941 11
ER collet HP Nominal clamping Ø d 7 mm	309373 7
ER collet with seal Nominal clamping Ø d 9 mm	308946 9
ER collet set 15 pieces 2–16 mm with seal and spray nozzles	309245
ER collet with seal Nominal clamping Ø d 13 mm	308946 13
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309430 9
ER collet Nominal clamping Ø d 11 mm	308960 11
ER collet HP Nominal clamping Ø d 12 mm	309373 12
ER collet set 15 pieces 2–16 mm with seal	309244
ER collet HP with seal and spray nozzles Nominal clamping Ø d 12 mm	309375 12
ER collet Nominal clamping Ø d 12 mm	308960 12
ER collet Nominal clamping Ø d 8 mm	308941 8
ER collet Nominal clamping Ø d 8 mm	308960 8
ER collet HP Nominal clamping Ø d 5 mm	309373 5
ER collet with seal Nominal clamping Ø d 10 mm	308959 10
ER collet HP Nominal clamping Ø d 4 mm	309373 4
Torque insert for Pull studs to SO 7388 suitable for steep tapers 50 SK	308812 50
ER collet HP with seal Nominal clamping Ø d 8 mm	309374 8
ER collet with seal Nominal clamping Ø d 6 mm	308946 6
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309430 4,5
ER collet with seal Nominal clamping Ø d 16 mm	308946 16
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	308962 7
	309375 4

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

Pull stud 90° sealed suitable for steep tapers 50	308790 50
ER collet with seal Nominal clamping Ø d 7 mm	308946 7
ER collet Nominal clamping Ø d 7 mm	308960 7
ER collet HP Nominal clamping Ø d 9 mm	309373 9
ER collet HP Nominal clamping Ø d 3 mm	309373 3
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 8 mm	309430 8
Wrench for pull studs ISO 7388 suitable for steep tapers 50 SK	308830 50
ER collet Nominal clamping Ø d 16 mm	308941 16
ER collet Nominal clamping Ø d 10 mm	308941 10
ER collet Nominal clamping Ø d 13 mm	308941 13
ER collet with seal Nominal clamping Ø d 5 mm	308946 5
ER collet with seal Nominal clamping Ø d 15 mm	308959 15
ER collet Nominal clamping Ø d 15 mm	308941 15
ER collet HP with seal Nominal clamping Ø d 16 mm	309374 16
ER collet Nominal clamping Ø d 13 mm	308960 13
ER collet set 15 pieces 2–16 mm	309240
ER collet HP Nominal clamping Ø d 6 mm	309373 6
ER collet with seal and spray nozzles Nominal clamping Ø d 15 mm	308962 15
ER collet Nominal clamping Ø d 14 mm	308960 14
ER collet Nominal clamping Ø d 2 mm	308960 2