



## ER collet chuck Form ADB, BT 50 short, for ER collets: 16 ER



### Order data

Order number	302820 16
GTIN	4250122615385
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 key No. 309680 – 309720.

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: 70 mm

External Ø D: 28 mm

Spare ER clamping nut: 16

ER chuck key: 16

### Technical description

Spare ER clamping nut	16
Overhang dimension A	70 mm

Clamping range	0.5 - 10 mm
for ER collets	16
ER chuck key	16
External Ø D	28 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

HP collet with seal Nominal clamping Ø d 4 mm	309371 4
ER collet with seal Nominal clamping Ø d 9 mm	308906 9
Torque insert for Pull studs to SO 7388 suitable for steep tapers 50 SK	308812 50
ER collet Nominal clamping Ø d 1,5 mm	308901 1,5
ER collet Nominal clamping Ø d 1 mm	308901 1
ER collet with seal Nominal clamping Ø d 8 mm	308906 8
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309425 6
ER collet Nominal clamping Ø d 2 mm	308901 2
ER collet with seal Nominal clamping Ø d 3 mm	308906 3
Torque insert for Pull studs to DIN 69872 suitable for steep tapers 50 SK	308810 50
ER collet with seal Nominal clamping Ø d 7 mm	308906 7
	309425 3,5

ET collet for thread tapping, with axial compensation  
Nominal clamping  $\varnothing$  d 3,5 mm

ER collet Nominal clamping $\varnothing$ d 3 mm	308920 3
ER collet Nominal clamping $\varnothing$ d 10 mm	308901 10
HP collet Nominal clamping $\varnothing$ d 9 mm	309370 9
ER collet set 10 pieces 1–10 mm with seal and spray nozzles	309165
HP collet set with seal (3; 4; 5; 6; 8; 10mm), 425 E	309391
HP collet with seal Nominal clamping $\varnothing$ d 7 mm	309371 7
HP collet Nominal clamping $\varnothing$ d 8 mm	309370 8
Pull stud 90° sealed suitable for steep tapers 50	308790 50
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 4 mm	308922 4
ER collet set 10 pieces 1–10 mm	309160
HP collet with seal Nominal clamping $\varnothing$ d 5 mm	309371 5
HP collet Nominal clamping $\varnothing$ d 7 mm	309370 7
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 10 mm	308922 10
HP collet with seal and spray nozzles Nominal clamping $\varnothing$ d 6 mm	309372 6
HP collet Nominal clamping $\varnothing$ d 2 mm	309370 2
HP collet Nominal clamping $\varnothing$ d 6 mm	309370 6
ER collet with seal Nominal clamping $\varnothing$ d 9 mm	308921 9
HP collet with seal Nominal clamping $\varnothing$ d 3 mm	309371 3
HP collet Nominal clamping $\varnothing$ d 5 mm	309370 5
ER collet Nominal clamping $\varnothing$ d 10 mm	308920 10
ER collet with seal Nominal clamping $\varnothing$ d 10 mm	308906 10
Pull stud wrench for Pull studs to ISO 7388 suitable for steep tapers 50 SK	308830 50
HP collet Nominal clamping $\varnothing$ d 1 mm	309370 1
ER collet with seal Nominal clamping $\varnothing$ d 6 mm	308906 6

HP collet with seal and spray nozzles Nominal clamping Ø d 8 mm	309372 8
ER collet with seal Nominal clamping Ø d 3 mm	308921 3
HP collet set (3; 4; 5; 6; 8; 10mm), 426 E	309390
ER collet with seal Nominal clamping Ø d 4 mm	308921 4
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309425 4,5
ER collet set 10 pieces 1–10 mm	309012
ER collet Nominal clamping Ø d 1 mm	308920 1
Pull stud 45° sealed suitable for steep tapers 50	308760 50
ER collet set 10 pieces 1–10 mm with seal	309164
ER collet Nominal clamping Ø d 5 mm	308920 5
ER collet Nominal clamping Ø d 5 mm	308901 5
ER chuck key 1/2 inch socket for ER collet chuck 16	309700 16
HP collet with seal Nominal clamping Ø d 10 mm	309371 10
HP collet with seal Nominal clamping Ø d 9 mm	309371 9
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	308922 7
HP collet with seal Nominal clamping Ø d 6 mm	309371 6
ER collet with seal Nominal clamping Ø d 6 mm	308921 6
ER chuck key for ER collet chuck 16	309680 16
ER collet Nominal clamping Ø d 6 mm	308901 6
ER collet with seal Nominal clamping Ø d 10 mm	308921 10
ER collet with seal Nominal clamping Ø d 8 mm	308921 8
Pull stud 90° sealed suitable for steep tapers 50	308795 50
ER collet Nominal clamping Ø d 9 mm	308901 9
HP collet with seal and spray nozzles Nominal clamping Ø d 4 mm	309372 4
ER collet Nominal clamping Ø d 7 mm	308901 7
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm	309425 2,8

HP collet Nominal clamping Ø d 3 mm	309370 3
ER chuck key 1/2 inch 25AF for ER collet chuck 16	309720 16
ER collet Nominal clamping Ø d 2,5 mm	308901 2,5
ER collet Nominal clamping Ø d 4 mm	308901 4
ER collet with seal Nominal clamping Ø d 5 mm	308921 5
ER collet Nominal clamping Ø d 7 mm	308920 7
ER collet Nominal clamping Ø d 2 mm	308920 2
ER collet with seal Nominal clamping Ø d 4 mm	308906 4
ER collet Nominal clamping Ø d 4 mm	308920 4
ER collet with seal and spray nozzles Nominal clamping Ø d 9 mm	308922 9
HP collet with seal Nominal clamping Ø d 8 mm	309371 8
ER collet with seal Nominal clamping Ø d 7 mm	308921 7
ER collet with seal Nominal clamping Ø d 5 mm	308906 5
HP collet Nominal clamping Ø d 10 mm	309370 10
ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	308922 6
ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm	308922 8
ER collet Nominal clamping Ø d 6 mm	308920 6
HP collet Nominal clamping Ø d 4 mm	309370 4
ER collet Nominal clamping Ø d 8 mm	308920 8
Pull stud wrench for Pull studs to DIN 69872 suitable for steep tapers 50 SK	308820 50
Pull stud 45° sealed suitable for steep tapers 50	308765 50
ER collet Nominal clamping Ø d 9 mm	308920 9
ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm	308922 3
ER collet Nominal clamping Ø d 3 mm	308901 3
ER collet Nominal clamping Ø d 8 mm	308901 8
ER collet set 6 pieces, 3, 4, 5, 6, 8, 10 mm with seal	309014

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

308922 5

Pull stud 60° sealed suitable for steep tapers 50

308785 50