



## ER collet chuck mini / slim Form AD, SK 40 A = 160, for ER collet size: 16 ER



### Order data

Order number	300661 16
GTIN	4062406422523
Item class	32A

### Description

#### Version:

Clamping nut fine balanced **for HSC**. ER11 through bored. Shanks hard turned (smooth cutting action!).

· **With Balluffchip bore as standard.**

#### Application:

For clamping tools with plain shank to DIN 6499.

#### Supplied with:

High speed ER mini nut No. 309650.

#### Optional extras:

ER collets No. 308881 – 309434, ER lock wrench No. 309740.

Pull studs (PS) No. 308600 – 308806. PS chuck key No. 308820; 308830.

Machining strategy: HSC

Clamping range: 0.5 - 10 mm

External Ø D: 22 mm

Suitable chuck key No. 309740: 16

### Technical description

External Ø D	22 mm
Clamping range	0.5 - 10 mm
Suitable chuck key No. 309740	16
for ER collets	16 mm
Usable length L <sub>N</sub>	80 mm

Adapter	SK 40 A = 160
Arbor standard	ISO 7388-1
Shape	AD
Balance quality G at rotational speed	G 6.3 at 18,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HSC
Type of product	Collet chuck

## Accessories

ER collet set HP with seal (3; 4; 5; 6; 8; 10mm), 425 E	309391
ER collet for machine taps with seal Nominal clamping Ø d 4 mm	309403 4
ER collet set 10 pieces 1–10 mm	309160
Pull stud sealed suitable for steep tapers 40	308660 40
ER collet with seal Nominal clamping Ø d 7 mm	308921 7
ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm	308922 3
ER collet with seal Nominal clamping Ø d 4 mm	308921 4
ER collet set HP (3; 4; 5; 6; 8; 10mm), 426 E	309390
ER collet HP with seal and spray nozzles Nominal clamping Ø d 4 mm	309372 4
ER collet Nominal clamping Ø d 9 mm	308901 9
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4 mm	309445 4
ER collet set 10 pieces 1–10 mm	309012
ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm	308922 10
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm	309425 2,8
Pull stud 60° sealed suitable for steep tapers 40	308785 40

ER collet Nominal clamping Ø d 4 mm	308920 4
Pull stud sealed suitable for steep tapers 40	308635 40
ER collet set 10 pieces 1–10 mm with seal and spray nozzles	309165
ER collet Nominal clamping Ø d 1 mm	308901 1
Pull stud 90° sealed suitable for steep tapers 40	308790 40
ER collet for machine taps with seal Nominal clamping Ø d 3,5 mm	309402 3,5
ER collet with seal Nominal clamping Ø d 4 mm	308906 4
ER collet set 10 pieces 1–10 mm with seal	309164
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 7 mm	309404 7
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309402 6
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
ER collet with seal Nominal clamping Ø d 10 mm	308921 10
Pull stud Form A suitable for steep tapers 40	308600 40
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309403 4,5
ER collet HP Nominal clamping Ø d 5 mm	309370 5
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309403 9
ER collet HP with seal Nominal clamping Ø d 5 mm	309371 5
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
ER collet HP with seal and spray nozzles Nominal clamping Ø d 6 mm	309372 6
ER collet Nominal clamping Ø d 7 mm	308901 7
ER collet set 6 pieces, 3, 4, 5, 6, 8, 10 mm with seal	309014
ER collet HP with seal Nominal clamping Ø d 10 mm	309371 10
ER collet with seal and spray nozzles Nominal clamping Ø d 4 mm	308922 4

ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	308922 5
ER collet Nominal clamping Ø d 4 mm	308901 4
Pull stud 45° sealed suitable for steep tapers 40	308760 40
ER collet with seal Nominal clamping Ø d 3 mm	308921 3
ER collet HP with seal Nominal clamping Ø d 4 mm	309371 4
Pull stud sealed, form B suitable for steep tapers 40	308620 40
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4,5 mm	309445 4,5
Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40	308801 40
ER collet for machine taps with seal Nominal clamping Ø d 4 mm	309402 4
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3 mm	309445 3
ER collet with seal Nominal clamping Ø d 7 mm	308906 7
ER collet with seal Nominal clamping Ø d 9 mm	308921 9
Pull stud sealed, form B suitable for steep tapers 40	308650 40
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 8 mm	309404 8
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 40	308812 40
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 1 mm	308920 1
ER collet HP Nominal clamping Ø d 8 mm	309370 8
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309425 3,5
ER collet for machine taps with seal Nominal clamping Ø d 2,8 mm	309402 2,8
ER collet HP with seal Nominal clamping Ø d 3 mm	309371 3
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40

ER chuck key 1/2 inch socket for ER collet chuck 40	309700 40
ER collet for machine taps with seal Nominal clamping Ø d 3,5 mm	309403 3,5
ER collet HP with seal Nominal clamping Ø d 6 mm	309371 6
ER collet Nominal clamping Ø d 7 mm	308920 7
ER collet Nominal clamping Ø d 1,5 mm	308901 1,5
ER collet Nominal clamping Ø d 2 mm	308920 2
ER chuck key for ER collet chuck 40	309680 40
ER collet with seal Nominal clamping Ø d 6 mm	308906 6
ER collet Nominal clamping Ø d 9 mm	308920 9
ER collet Nominal clamping Ø d 5 mm	308901 5
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309402 7
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 6 mm	309404 6
Pull stud Mazak sealed, form A suitable for steep tapers 40M	308670 40M
ER collet Nominal clamping Ø d 10 mm	308920 10
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309403 7
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
ER collet with seal Nominal clamping Ø d 9 mm	308906 9
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3,5 mm	309445 3,5
ER chuck key 1/2 inch socket for ER collet chuck 16	309700 16
ER collet Nominal clamping Ø d 2 mm	308901 2
Pull stud 90° sealed suitable for steep tapers 40	308795 40
Pull stud 45° sealed suitable for steep tapers 40	308765 40
	309403 8

ER collet for machine taps with seal Nominal clamping Ø d 8 mm

ER collet HP Nominal clamping Ø d 6 mm	309370 6
ER collet with seal and spray nozzles Nominal clamping Ø d 9 mm	308922 9
ER collet Nominal clamping Ø d 8 mm	308920 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 2,8 mm	309403 2,8
ER collet Nominal clamping Ø d 5 mm	308920 5
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm	309445 6
ER collet Nominal clamping Ø d 2,5 mm	308901 2,5
ER collet HP with seal Nominal clamping Ø d 7 mm	309371 7
ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm	308922 8
ER chuck key 1/2 inch 25AF for ER collet chuck 16	309720 16
ER collet HP Nominal clamping Ø d 7 mm	309370 7
ER chuck key for ER collet chuck 16	309680 16
ER collet Nominal clamping Ø d 3 mm	308901 3
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309402 4,5
ER collet HP Nominal clamping Ø d 4 mm	309370 4
ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm	308922 6
Pull stud Form B suitable for steep tapers 40	308640 40
Special pull stud with internal thread suitable for steep tapers 40	308740 40
ER collet Nominal clamping Ø d 3 mm	308920 3
ER collet set 15 pieces 2–16 mm	309240
ER collet Nominal clamping Ø d 6 mm	308920 6

ER collet with seal Nominal clamping Ø d 5 mm	308921 5
ER collet HP Nominal clamping Ø d 10 mm	309370 10
ER collet HP Nominal clamping Ø d 2 mm	309370 2
ER collet HP with seal and spray nozzles Nominal clamping Ø d 8 mm	309372 8
ER collet HP Nominal clamping Ø d 3 mm	309370 3
Pull stud stud sealed, form A suitable for steep tapers 40	308610 40
ER collet HP with seal Nominal clamping Ø d 9 mm	309371 9
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 4,5 mm	309404 4,5
Wrench for ER Mini nuts for ER collet chuck 16	309740 16
ER collet for machine taps with seal Nominal clamping Ø d 6 mm	309403 6
Special pull stud with no internal thread sealed suitable for steep tapers 40	308700 40
ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm	308922 7
Torque insert for ER mini-nuts for ER collet chuck 16	309745 16
ER collet with seal Nominal clamping Ø d 8 mm	308906 8
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 2,8 mm	309445 2,8
ER collet with seal Nominal clamping Ø d 3 mm	308906 3
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 2 mm	309445 2
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309425 4,5
ER collet HP Nominal clamping Ø d 9 mm	309370 9
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309402 8
ER collet with seal Nominal clamping Ø d 8 mm	308921 8
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309425 6
ER collet Nominal clamping Ø d 6 mm	308901 6

Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 40	308810 40
ER collet with seal Nominal clamping Ø d 10 mm	308906 10
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 5 mm	309445 5
ER collet Nominal clamping Ø d 10 mm	308901 10
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
Wrench for pull studs ISO 7388 suitable for ISO taper size 40	308830 40
ER collet HP with seal Nominal clamping Ø d 8 mm	309371 8
ER collet with seal Nominal clamping Ø d 6 mm	308921 6
ER collet Nominal clamping Ø d 8 mm	308901 8
ER collet with seal Nominal clamping Ø d 5 mm	308906 5
ER collet HP Nominal clamping Ø d 1 mm	309370 1
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40	308605 40