

**Garant**
**ER collet chuck mini / slim Form ADB, SK 40 A = 160, for ER collet size: 25**

**Order data**

Order number	300665 25
GTIN	4045197287816
Item class	31A

**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.

**Technical description**

Suitable chuck key No. 309740	25
Overhang dimension A	160 mm
for ER collets	25 mm
Clamping range	1 - 16 mm
External $\varnothing$ D	35 mm
Usable length $L_N$	80 mm
Clamping $\varnothing$ D <sub>1</sub>	1-16 mm
Adapter	SK 40 A = 160

Arbor standard	ISO 7388-1
Shape	ADB
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 3 μm
Machining strategy	HSC
Type of product	Collet chuck

## Accessories

Pull studForm A suitable for steep tapers 40	308600 40
Pull stud, 18CrNiMo7Form A suitable for steep tapers 40	308605 40
Pull studsealed, form A suitable for steep tapers 40	308610 40
Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 40	308615 40
Pull studsealed, form B suitable for steep tapers 40	308620 40
Pull studMori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
Pull studMori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
Pull studsealed suitable for steep tapers 40	308635 40
Pull studForm B suitable for steep tapers 40	308640 40
Pull studsealed, form B suitable for steep tapers 40	308650 40
Pull studsealed suitable for steep tapers 40	308660 40
Pull studMazak, form A suitable for steep tapers 40M	308670 40M
Special pull stud with no internal threadsealed suitable for steep tapers 40	308700 40
Special pull stud with internal thread suitable for steep tapers 40	308740 40
Pull stud 45°sealed suitable for steep tapers 40	308760 40
Pull stud 45°sealed suitable for steep tapers 40	308765 40

Pull stud 60°sealed suitable for steep tapers 40	308785 40
Pull stud 90°sealed suitable for steep tapers 40	308790 40
Pull stud 90°sealed suitable for steep tapers 40	308795 40
Hurco 45° pull stud with 4-mm bore and fitsealed suitable for steep tapers 40	308801 40
Pull stud Hurco 45° with fitsealed suitable for steep tapers 40	308802 40
Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
Wrench for pull studsISO 7388 suitable for ISO taper size 40	308830 40
ER collet Nominal clamping Ø d 10 mm	308941 10
ER collet Nominal clamping Ø d 11 mm	308941 11
ER collet Nominal clamping Ø d 12 mm	308941 12
ER collet Nominal clamping Ø d 13 mm	308941 13
ER collet Nominal clamping Ø d 14 mm	308941 14
ER collet Nominal clamping Ø d 15 mm	308941 15
ER collet Nominal clamping Ø d 16 mm	308941 16
ER collet Nominal clamping Ø d 2 mm	308941 2
ER collet Nominal clamping Ø d 2,5 mm	308941 2,5
ER collet Nominal clamping Ø d 3 mm	308941 3
ER collet Nominal clamping Ø d 4 mm	308941 4
ER collet Nominal clamping Ø d 5 mm	308941 5
ER collet Nominal clamping Ø d 6 mm	308941 6
ER collet Nominal clamping Ø d 7 mm	308941 7
ER collet Nominal clamping Ø d 8 mm	308941 8
ER collet Nominal clamping Ø d 9 mm	308941 9
ER colletwith seal Nominal clamping Ø d 10 mm	308946 10
ER colletwith seal Nominal clamping Ø d 11 mm	308946 11
ER colletwith seal Nominal clamping Ø d 12 mm	308946 12
ER colletwith seal Nominal clamping Ø d 13 mm	308946 13

ER colletwith seal Nominal clamping Ø d 14 mm	308946 14
ER colletwith seal Nominal clamping Ø d 15 mm	308946 15
ER colletwith seal Nominal clamping Ø d 16 mm	308946 16
ER colletwith seal Nominal clamping Ø d 3 mm	308946 3
ER colletwith seal Nominal clamping Ø d 4 mm	308946 4
ER colletwith seal Nominal clamping Ø d 5 mm	308946 5
ER colletwith seal Nominal clamping Ø d 6 mm	308946 6
ER colletwith seal Nominal clamping Ø d 7 mm	308946 7
ER colletwith seal Nominal clamping Ø d 8 mm	308946 8
ER colletwith seal Nominal clamping Ø d 9 mm	308946 9
ER colletwith seal Nominal clamping Ø d 10 mm	308959 10
ER colletwith seal Nominal clamping Ø d 11 mm	308959 11
ER colletwith seal Nominal clamping Ø d 12 mm	308959 12
ER colletwith seal Nominal clamping Ø d 13 mm	308959 13
ER colletwith seal Nominal clamping Ø d 14 mm	308959 14
ER colletwith seal Nominal clamping Ø d 15 mm	308959 15
ER colletwith seal Nominal clamping Ø d 16 mm	308959 16
ER colletwith seal Nominal clamping Ø d 3 mm	308959 3
ER colletwith seal Nominal clamping Ø d 4 mm	308959 4
ER colletwith seal Nominal clamping Ø d 5 mm	308959 5
ER colletwith seal Nominal clamping Ø d 6 mm	308959 6
ER colletwith seal Nominal clamping Ø d 7 mm	308959 7
ER colletwith seal Nominal clamping Ø d 8 mm	308959 8
ER colletwith seal Nominal clamping Ø d 9 mm	308959 9
ER collet Nominal clamping Ø d 10 mm	308960 10
ER collet Nominal clamping Ø d 11 mm	308960 11
ER collet Nominal clamping Ø d 12 mm	308960 12
ER collet Nominal clamping Ø d 13 mm	308960 13
ER collet Nominal clamping Ø d 14 mm	308960 14

ER collet Nominal clamping Ø d 15 mm	308960 15
ER collet Nominal clamping Ø d 16 mm	308960 16
ER collet Nominal clamping Ø d 2 mm	308960 2
ER collet Nominal clamping Ø d 3 mm	308960 3
ER collet Nominal clamping Ø d 4 mm	308960 4
ER collet Nominal clamping Ø d 5 mm	308960 5
ER collet Nominal clamping Ø d 6 mm	308960 6
ER collet Nominal clamping Ø d 7 mm	308960 7
ER collet Nominal clamping Ø d 8 mm	308960 8
ER collet Nominal clamping Ø d 9 mm	308960 9
ER colletwith seal and spray nozzles Nominal clamping Ø d 10 mm	308962 10
ER colletwith seal and spray nozzles Nominal clamping Ø d 11 mm	308962 11
ER colletwith seal and spray nozzles Nominal clamping Ø d 12 mm	308962 12
ER colletwith seal and spray nozzles Nominal clamping Ø d 13 mm	308962 13
ER colletwith seal and spray nozzles Nominal clamping Ø d 14 mm	308962 14
ER colletwith seal and spray nozzles Nominal clamping Ø d 15 mm	308962 15
ER colletwith seal and spray nozzles Nominal clamping Ø d 16 mm	308962 16
ER colletwith seal and spray nozzles Nominal clamping Ø d 3 mm	308962 3
ER colletwith seal and spray nozzles Nominal clamping Ø d 4 mm	308962 4
ER colletwith seal and spray nozzles Nominal clamping Ø d 5 mm	308962 5
ER colletwith seal and spray nozzles Nominal clamping Ø d 6 mm	308962 6
	308962 7

ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 7 mm	
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 8 mm	308962 8
ER collet with seal and spray nozzles Nominal clamping $\varnothing$ d 9 mm	308962 9
ER collet set 7 pieces 4–16 mm with seal	309022
ER collet set 15 pieces 2–16 mm	309240
ER collet set 15 pieces 2–16 mm with seal	309244
ER collet set 15 pieces 2–16 mm with seal and spray nozzles	309245
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 10 mm	309409 10
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 11 mm	309409 11
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 12 mm	309409 12
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 14 mm	309409 14
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 16 mm	309409 16
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 4,5 mm	309409 4,5
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 6 mm	309409 6
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 7 mm	309409 7
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 8 mm	309409 8
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 9 mm	309409 9
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 10 mm	309411 10
ER collet for machine taps with seal Nominal clamping $\varnothing$ d 11 mm	309411 11

ER collet for machine tapswith seal Nominal clamping Ø d 12 mm	309411 12
ER collet for machine tapswith seal Nominal clamping Ø d 14 mm	309411 14
ER collet for machine tapswith seal Nominal clamping Ø d 16 mm	309411 16
ER collet for machine tapswith seal Nominal clamping Ø d 4,5 mm	309411 4,5
ER collet for machine tapswith seal Nominal clamping Ø d 6 mm	309411 6
ER collet for machine tapswith seal Nominal clamping Ø d 7 mm	309411 7
ER collet for machine tapswith seal Nominal clamping Ø d 8 mm	309411 8
ER collet for machine tapswith seal Nominal clamping Ø d 9 mm	309411 9
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 10 mm	309413 10
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 11 mm	309413 11
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 12 mm	309413 12
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 14 mm	309413 14
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 4,5 mm	309413 4,5
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 6 mm	309413 6
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 7 mm	309413 7
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 8 mm	309413 8
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 9 mm	309413 9
	309430 10

ET collet for thread tapping, with axial compensation  
Nominal clamping  $\varnothing$  d 10 mm

ET collet for thread tapping, with axial compensation  
Nominal clamping  $\varnothing$  d 2,8 mm

309430 2,8

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

309430 3,5

ET collet for thread tapping, with axial compensation  
Nominal clamping  $\varnothing$  d 4,5 mm

309430 4,5

ET collet for thread tapping, with axial compensation  
Nominal clamping  $\varnothing$  d 6 mm

309430 6

ET collet for thread tapping, with axial compensation  
Nominal clamping  $\varnothing$  d 7 mm

309430 7

ET collet for thread tapping, with axial compensation  
Nominal clamping  $\varnothing$  d 8 mm

309430 8

ET collet for thread tapping, with axial compensation  
Nominal clamping  $\varnothing$  d 9 mm

309430 9

ET collet with radial compensation for tapping and  
reaming Nominal clamping  $\varnothing$  d 10 mm

309447 10

ET collet with radial compensation for tapping and  
reaming Nominal clamping  $\varnothing$  d 3 mm

309447 3

ET collet with radial compensation for tapping and  
reaming Nominal clamping  $\varnothing$  d 3,5 mm

309447 3,5

ET collet with radial compensation for tapping and  
reaming Nominal clamping  $\varnothing$  d 4 mm

309447 4

ET collet with radial compensation for tapping and  
reaming Nominal clamping  $\varnothing$  d 4,5 mm

309447 4,5

ET collet with radial compensation for tapping and  
reaming Nominal clamping  $\varnothing$  d 5 mm

309447 5

ET collet with radial compensation for tapping and  
reaming Nominal clamping  $\varnothing$  d 6 mm

309447 6

ET collet with radial compensation for tapping and  
reaming Nominal clamping  $\varnothing$  d 7 mm

309447 7

ET collet with radial compensation for tapping and  
reaming Nominal clamping  $\varnothing$  d 8 mm

309447 8

309447 9

ET collet with radial compensation for tapping and reaming Nominal clamping  $\varnothing$  d 9 mm

ER Mini clamping nut for ER 25	309650 25
ER chuck key for ER collet chuck 25	309680 25
ER chuck key for ER collet chuck 40	309680 40
ER chuck key 1/2 inch socket for ER collet chuck 25	309700 25
ER chuck key 1/2 inch socket for ER collet chuck 40	309700 40
Wrench for ER Mini nuts for ER collet chuck 25	309740 25
Torque insert for ER Mini nuts for ER collet chuck 25	309745 25
Torque wrench with reversible ratchet maximum torque 200 N·m	656050 200