

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

Order data

Order number	300665 16
GTIN	4045197287809
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

Clamping range	0.5 - 10 mm
Suitable chuck key No. 309740	16
for ER collets	16 mm
Overhang dimension A	160 mm
External \varnothing D	22 mm
Usable length L_N	80 mm
Clamping \varnothing D_1	0.5-10 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 1 mm	308901 1
ER collet Nominal clamping Ø d 1,5 mm	308901 1,5
ER collet Nominal clamping Ø d 10 mm	308901 10
ER collet Nominal clamping Ø d 2 mm	308901 2
ER collet Nominal clamping Ø d 2,5 mm	308901 2,5
ER collet Nominal clamping Ø d 3 mm	308901 3
ER collet Nominal clamping Ø d 4 mm	308901 4
ER collet Nominal clamping Ø d 5 mm	308901 5
ER collet Nominal clamping Ø d 6 mm	308901 6
ER collet Nominal clamping Ø d 7 mm	308901 7
ER collet Nominal clamping Ø d 8 mm	308901 8
ER collet Nominal clamping Ø d 9 mm	308901 9
ER colletwith seal Nominal clamping Ø d 10 mm	308906 10
ER colletwith seal Nominal clamping Ø d 3 mm	308906 3
ER colletwith seal Nominal clamping Ø d 4 mm	308906 4
ER colletwith seal Nominal clamping Ø d 5 mm	308906 5
ER colletwith seal Nominal clamping Ø d 6 mm	308906 6
ER colletwith seal Nominal clamping Ø d 7 mm	308906 7
ER colletwith seal Nominal clamping Ø d 8 mm	308906 8
ER colletwith seal Nominal clamping Ø d 9 mm	308906 9

ER collet Nominal clamping Ø d 1 mm	308920 1
ER collet Nominal clamping Ø d 10 mm	308920 10
ER collet Nominal clamping Ø d 2 mm	308920 2
ER collet Nominal clamping Ø d 3 mm	308920 3
ER collet Nominal clamping Ø d 4 mm	308920 4
ER collet Nominal clamping Ø d 5 mm	308920 5
ER collet Nominal clamping Ø d 6 mm	308920 6
ER collet Nominal clamping Ø d 7 mm	308920 7
ER collet Nominal clamping Ø d 8 mm	308920 8
ER collet Nominal clamping Ø d 9 mm	308920 9
ER colletwith seal Nominal clamping Ø d 10 mm	308921 10
ER colletwith seal Nominal clamping Ø d 3 mm	308921 3
ER colletwith seal Nominal clamping Ø d 4 mm	308921 4
ER colletwith seal Nominal clamping Ø d 5 mm	308921 5
ER colletwith seal Nominal clamping Ø d 6 mm	308921 6
ER colletwith seal Nominal clamping Ø d 7 mm	308921 7
ER colletwith seal Nominal clamping Ø d 8 mm	308921 8
ER colletwith seal Nominal clamping Ø d 9 mm	308921 9
ER colletwith seal and spray nozzles Nominal clamping Ø d 10 mm	308922 10
ER colletwith seal and spray nozzles Nominal clamping Ø d 3 mm	308922 3
ER colletwith seal and spray nozzles Nominal clamping Ø d 4 mm	308922 4
ER colletwith seal and spray nozzles Nominal clamping Ø d 5 mm	308922 5
ER colletwith seal and spray nozzles Nominal clamping Ø d 6 mm	308922 6
ER colletwith seal and spray nozzles Nominal clamping Ø d 7 mm	308922 7
ER colletwith seal and spray nozzles Nominal clamping Ø d 8 mm	308922 8

ER colletwith seal and spray nozzles Nominal clamping \varnothing d 9 mm	308922 9
ER collet set 10 pieces 1–10 mm	309012
ER collet set 6 pieces, 3, 4, 5, 6, 8, 10 mmwith seal	309014
ER collet set 10 pieces 1–10 mm	309160
ER collet set 10 pieces 1–10 mmwith seal	309164
ER collet set 10 pieces 1–10 mmwith seal and spray nozzles	309165
ER collet set 15 pieces 2–16 mm	309240
ER collet for machine tapswith seal Nominal clamping \varnothing d 2,8 mm	309402 2,8
ER collet for machine tapswith seal Nominal clamping \varnothing d 3,5 mm	309402 3,5
ER collet for machine tapswith seal Nominal clamping \varnothing d 4 mm	309402 4
ER collet for machine tapswith seal Nominal clamping \varnothing d 4,5 mm	309402 4,5
ER collet for machine tapswith seal Nominal clamping \varnothing d 6 mm	309402 6
ER collet for machine tapswith seal Nominal clamping \varnothing d 7 mm	309402 7
ER collet for machine tapswith seal Nominal clamping \varnothing d 8 mm	309402 8
ER collet for machine tapswith seal Nominal clamping \varnothing d 9 mm	309402 9
ER collet for machine tapswith seal Nominal clamping \varnothing d 2,8 mm	309403 2,8
ER collet for machine tapswith seal Nominal clamping \varnothing d 3,5 mm	309403 3,5
ER collet for machine tapswith seal Nominal clamping \varnothing d 4 mm	309403 4
ER collet for machine tapswith seal Nominal clamping \varnothing d 4,5 mm	309403 4,5
ER collet for machine tapswith seal Nominal clamping \varnothing d 6 mm	309403 6

ER collet for machine taps with seal Nominal clamping \varnothing d 7 mm	309403 7
ER collet for machine taps with seal Nominal clamping \varnothing d 8 mm	309403 8
ER collet for machine taps with seal Nominal clamping \varnothing d 9 mm	309403 9
ER collet for machine taps with seal and spray nozzles Nominal clamping \varnothing d 3,5 mm	309404 3,5
ER collet for machine taps with seal and spray nozzles Nominal clamping \varnothing d 4,5 mm	309404 4,5
ER collet for machine taps with seal and spray nozzles Nominal clamping \varnothing d 6 mm	309404 6
ER collet for machine taps with seal and spray nozzles Nominal clamping \varnothing d 7 mm	309404 7
ER collet for machine taps with seal and spray nozzles Nominal clamping \varnothing d 8 mm	309404 8
ET collet for thread tapping, with axial compensation Nominal clamping \varnothing d 2,8 mm	309425 2,8
ET collet for thread tapping, with axial compensation Nominal clamping \varnothing d 3,5 mm	309425 3,5
ET collet for thread tapping, with axial compensation Nominal clamping \varnothing d 4,5 mm	309425 4,5
ET collet for thread tapping, with axial compensation Nominal clamping \varnothing d 6 mm	309425 6
ET collet with radial compensation for tapping and reaming Nominal clamping \varnothing d 2 mm	309445 2
ET collet with radial compensation for tapping and reaming Nominal clamping \varnothing d 2,8 mm	309445 2,8
ET collet with radial compensation for tapping and reaming Nominal clamping \varnothing d 3 mm	309445 3
ET collet with radial compensation for tapping and reaming Nominal clamping \varnothing d 3,5 mm	309445 3,5
ET collet with radial compensation for tapping and reaming Nominal clamping \varnothing d 4 mm	309445 4
	309445 4,5

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

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

309445 5

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

309445 6

ER chuck key for ER collet chuck 16

309680 16

ER chuck key for ER collet chuck 40

309680 40

ER chuck key 1/2 inch socket for ER collet chuck 16

309700 16

ER chuck key 1/2 inch socket for ER collet chuck 40

309700 40

ER chuck key 1/2 inch 25AF for ER collet chuck 16

309720 16

Wrench for ER Mini nuts for ER collet chuck 16

309740 16

Torque insert for ER Mini nuts for ER collet chuck 16

309745 16