

Garant
ER collet chuck mini / slim Form ADB, SK 40 A = 160, for ER collet size: 20

Order data

Order number	300665 20
GTIN	4045197764300
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

for ER collets	20 mm
Suitable chuck key No. 309740	20
Overhang dimension A	160 mm
Clamping range	1 - 13 mm
External \varnothing D	28 mm
Usable length L_N	73 mm
Clamping \varnothing D_1	1-13 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	308911 1
ER collet Nominal clamping Ø d 1,5 mm	308911 1,5
ER collet Nominal clamping Ø d 10 mm	308911 10
ER collet Nominal clamping Ø d 11 mm	308911 11
ER collet Nominal clamping Ø d 12 mm	308911 12
ER collet Nominal clamping Ø d 13 mm	308911 13
ER collet Nominal clamping Ø d 2 mm	308911 2
ER collet Nominal clamping Ø d 2,5 mm	308911 2,5
ER collet Nominal clamping Ø d 3 mm	308911 3
ER collet Nominal clamping Ø d 4 mm	308911 4
ER collet Nominal clamping Ø d 5 mm	308911 5
ER collet Nominal clamping Ø d 6 mm	308911 6
ER collet Nominal clamping Ø d 7 mm	308911 7
ER collet Nominal clamping Ø d 8 mm	308911 8
ER collet Nominal clamping Ø d 9 mm	308911 9
ER colletwith seal Nominal clamping Ø d 10 mm	308916 10
ER colletwith seal Nominal clamping Ø d 11 mm	308916 11
ER colletwith seal Nominal clamping Ø d 12 mm	308916 12
ER colletwith seal Nominal clamping Ø d 3 mm	308916 3
ER colletwith seal Nominal clamping Ø d 4 mm	308916 4

ER colletwith seal Nominal clamping Ø d 5 mm	308916 5
ER colletwith seal Nominal clamping Ø d 6 mm	308916 6
ER colletwith seal Nominal clamping Ø d 7 mm	308916 7
ER colletwith seal Nominal clamping Ø d 8 mm	308916 8
ER colletwith seal Nominal clamping Ø d 9 mm	308916 9
ER collet Nominal clamping Ø d 1 mm	308930 1
ER collet Nominal clamping Ø d 10 mm	308930 10
ER collet Nominal clamping Ø d 11 mm	308930 11
ER collet Nominal clamping Ø d 12 mm	308930 12
ER collet Nominal clamping Ø d 13 mm	308930 13
ER collet Nominal clamping Ø d 2 mm	308930 2
ER collet Nominal clamping Ø d 3 mm	308930 3
ER collet Nominal clamping Ø d 4 mm	308930 4
ER collet Nominal clamping Ø d 5 mm	308930 5
ER collet Nominal clamping Ø d 6 mm	308930 6
ER collet Nominal clamping Ø d 7 mm	308930 7
ER collet Nominal clamping Ø d 8 mm	308930 8
ER collet Nominal clamping Ø d 9 mm	308930 9
ER collet set 12 pieces 2–13 mm	309016
ER collet set 7 pieces 3, 4, 5, 6, 8, 10, 12 mmwith seal	309018
ER collet set 12 pieces 2–13 mm	309200
ER collet set 15 pieces 2–16 mm	309240
ER collet for machine tapswith seal Nominal clamping Ø d 10 mm	309406 10
ER collet for machine tapswith seal Nominal clamping Ø d 3,5 mm	309406 3,5
ER collet for machine tapswith seal Nominal clamping Ø d 4 mm	309406 4
ER collet for machine tapswith seal Nominal clamping Ø d 4,5 mm	309406 4,5
	309406 6

ER collet for machine taps with seal Nominal clamping \varnothing d
6 mm

ER collet for machine taps with seal Nominal clamping \varnothing d
7 mm

309406 7

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

309406 8

ER collet for machine taps with seal Nominal clamping \varnothing d
9 mm

309406 9

ER chuck key for ER collet chuck 40

309680 40

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

309700 40

Wrench for ER Mini nuts for ER collet chuck 20

309740 20

Torque insert for ER Mini nuts for ER collet chuck 20

309745 20