

**Garant**
**ER mini collet holder cylindrical, for ER collet size: 16**

**Order data**

Order number	300685 16
GTIN	4045197291813
Item class	31A

**Description**
**Version:**

Cylindrical holder with Weldon shank and ER nut.  
Through hole for internal cooling provided.

**Application:**

For extending the reach of side lock arbors or collet chucks.

**Optional extras:**

Clamping wrenches No. 309680 – 309740.  
ER collets No. 308878 – 309434, Spare ER nuts No. 309580; 309650.

**Note:**

Not suitable for shrink processes.

**Technical description**

Shank length $L_1$	140 mm
$L_2$	23 mm
Clamping range	0.5 - 10 mm
for ER collets	16 mm
Shank $\varnothing d$	20 mm
External $\varnothing D$	22 mm
Through-coolant	yes
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	$\leq 3 \mu\text{m}$

Machining strategy	HSC
Type of product	Collet chuck

## Accessories

ER collet Nominal clamping Ø d 9 mm	308920 9
ER collet HPwith seal and spray nozzles Nominal clamping Ø d 8 mm	309372 8
ER collet set HPwith seal (4; 6; 8; 10; 12; 14; 16; 20mm), 469 E	309397
ER collet Nominal clamping Ø d 5 mm	308920 5
ER collet Nominal clamping Ø d 8 mm	308920 8
ER collet HPwith seal Nominal clamping Ø d 6 mm	309371 6
ER colletwith seal and spray nozzles Nominal clamping Ø d 10 mm	308922 10
ER collet for machine tapswith seal Nominal clamping Ø d 3,5 mm	309402 3,5
ER colletwith seal Nominal clamping Ø d 6 mm	308906 6
ER Mini clamping nut for ER 16	309650 16
ER colletwith seal and spray nozzles Nominal clamping Ø d 4 mm	308922 4
ER collet HP Nominal clamping Ø d 6 mm	309370 6
ER collet HP Nominal clamping Ø d 5 mm	309370 5
ER colletwith seal and spray nozzles Nominal clamping Ø d 6 mm	308922 6
ER collet Nominal clamping Ø d 6 mm	308901 6
ER collet for machine tapswith seal Nominal clamping Ø d 7 mm	309403 7
ER collet set 10 pieces 1–10 mmwith seal	309164
ER collet set 10 pieces 1–10 mm	309012
ER collet Nominal clamping Ø d 1 mm	308920 1

ER collet HP Nominal clamping Ø d 10 mm	309370 10
ER colletwith seal Nominal clamping Ø d 9 mm	308906 9
ER collet HP Nominal clamping Ø d 7 mm	309370 7
ER collet HPwith seal and spray nozzles Nominal clamping Ø d 20 mm	309381 20
ER collet for machine tapswith seal Nominal clamping Ø d 6 mm	309402 6
ER collet HPwith seal and spray nozzles Nominal clamping Ø d 12 mm	309381 12
ER colletwith seal Nominal clamping Ø d 5 mm	308906 5
ER colletwith seal Nominal clamping Ø d 10 mm	308921 10
ER collet Nominal clamping Ø d 3 mm	308901 3
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 2,8 mm	309445 2,8
ER collet Nominal clamping Ø d 6 mm	308920 6
ER collet HPwith seal Nominal clamping Ø d 8 mm	309371 8
ER collet set HP(4; 6; 8; 10; 12; 14; 16; 20mm), 470 E	309396
ER collet HP Nominal clamping Ø d 4 mm	309370 4
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 4,5 mm	309404 4,5
ER collet Nominal clamping Ø d 10 mm	308920 10
ER colletwith seal and spray nozzles Nominal clamping Ø d 7 mm	308922 7
ER colletwith seal Nominal clamping Ø d 9 mm	308921 9
ER collet for machine tapswith seal Nominal clamping Ø d 4,5 mm	309403 4,5
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ER collet set 10 pieces 1–10 mm	309160
ER collet Nominal clamping Ø d 1,5 mm	308901 1,5
ER colletwith seal Nominal clamping Ø d 6 mm	308921 6
	309445 4,5

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4,5 mm	
ER colletwith seal Nominal clamping Ø d 10 mm	308906 10
ER collet Nominal clamping Ø d 10 mm	308901 10
ER collet HPwith seal Nominal clamping Ø d 7 mm	309371 7
ER collet Nominal clamping Ø d 4 mm	308920 4
ER collet Nominal clamping Ø d 7 mm	308920 7
ER colletwith seal Nominal clamping Ø d 8 mm	308921 8
ER colletwith seal and spray nozzles Nominal clamping Ø d 3 mm	308922 3
ER collet Nominal clamping Ø d 2 mm	308920 2
ER collet for machine tapswith seal Nominal clamping Ø d 6 mm	309403 6
ER collet for machine tapswith seal Nominal clamping Ø d 3,5 mm	309403 3,5
ER collet for machine tapswith seal Nominal clamping Ø d 8 mm	309403 8
ER colletwith seal Nominal clamping Ø d 8 mm	308906 8
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3,5 mm	309445 3,5
ER collet HPwith seal Nominal clamping Ø d 5 mm	309371 5
ER collet HPwith seal Nominal clamping Ø d 9 mm	309371 9
ER colletwith seal Nominal clamping Ø d 7 mm	308921 7
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 5 mm	309445 5
ER collet HP Nominal clamping Ø d 3 mm	309370 3
ER collet HP Nominal clamping Ø d 9 mm	309370 9
ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 4 mm	309445 4
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 8 mm	309404 8
ER collet set HPwith seal (3; 4; 5; 6; 8; 10mm), 425 E	309391

ER collet for machine tapswith seal Nominal clamping Ø d 8 mm	309402 8
ER collet Nominal clamping Ø d 1 mm	308901 1
ER collet HPwith seal and spray nozzles Nominal clamping Ø d 6 mm	309372 6
ER collet HP Nominal clamping Ø d 2 mm	309370 2
ER collet Nominal clamping Ø d 8 mm	308901 8
ER collet Nominal clamping Ø d 9 mm	308901 9
ER collet HPwith seal and spray nozzles Nominal clamping Ø d 25 mm	309381 25
ER collet set 6 pieces, 3, 4, 5, 6, 8, 10 mmwith seal	309014
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 3,5 mm	309404 3,5
ER colletwith seal and spray nozzles Nominal clamping Ø d 8 mm	308922 8
ER collet HPwith seal Nominal clamping Ø d 10 mm	309371 10
ER collet Nominal clamping Ø d 2,5 mm	308901 2,5
ER collet for machine tapswith seal and spray nozzles Nominal clamping Ø d 7 mm	309404 7
ER collet Nominal clamping Ø d 3 mm	308920 3
ER collet HPwith seal Nominal clamping Ø d 4 mm	309371 4
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ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 6 mm	309445 6
ER collet HPwith seal Nominal clamping Ø d 3 mm	309371 3
ER collet set HPwith seal (4; 6; 8; 10; 12; 14; 16mm) 429 E	309394
ER collet for machine tapswith seal Nominal clamping Ø d 4 mm	309402 4
ER collet for machine tapswith seal Nominal clamping Ø d 2,8 mm	309402 2,8
ER colletwith seal Nominal clamping Ø d 3 mm	308921 3
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ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 2 mm	309445 2
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ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm	308922 5
ER collet for machine taps with seal Nominal clamping Ø d 4 mm	309403 4
ER collet set HP(3; 4; 5; 6; 8; 10mm), 426 E	309390
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ER collet Nominal clamping Ø d 5 mm	308901 5
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309402 9
ER collet Nominal clamping Ø d 7 mm	308901 7
ER collet set 10 pieces 1–10 mm with seal and spray nozzles	309165
ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 6 mm	309404 6

