

**Garant****Screw-in adapter for collets ER25, Thread M × A dimension: M16X90****Order data**

Order number	301387 M16X90
GTIN	4045197644954
Item class	31Z

**Description****Version:**

For clamping tools with plain shanks.

**Suitable for:**

Tool arbors for threaded copy mills.

**Supplied with:**

Clamping nut

**Optional extras:**

ER collets No. 308901 – 309430.

ER collet clamping nuts No. 309650; 309652.

**Note:**

Suitable extension and reducer under No. 301358; 301359.

**Technical description**

Thread M	M16×90
L <sub>1</sub>	70 mm
Ø D <sub>2</sub>	30 mm
Nut external Ø D	35 mm
Concentricity	≤ 3 µm
Machining strategy	HSC
Type of product	Pin vice

## Accessories

ER colletwith seal Nominal clamping Ø d 10 mm	308921 10
ER colletwith seal and spray nozzles Nominal clamping Ø d 9 mm	308962 9
ER collet HP Nominal clamping Ø d 9 mm	309373 9
ER collet Nominal clamping Ø d 4 mm	308960 4
ER collet Nominal clamping Ø d 26 mm	309040 26
ER collet Nominal clamping Ø d 11 mm	308941 11
ER colletwith seal and spray nozzles Nominal clamping Ø d 7 mm	308962 7
ER Mini clamping nut for ER 11	309650 11
ER colletwith seal Nominal clamping Ø d 14 mm	308946 14
ER colletwith seal and spray nozzles Nominal clamping Ø d 19 mm	309002 19
ER collet HPwith seal Nominal clamping Ø d 12 mm	309374 12
ER collet HPwith seal Nominal clamping Ø d 13 mm	309374 13
ER collet Nominal clamping Ø d 7 mm	309040 7
ER collet Nominal clamping Ø d 17 mm	309000 17
ER collet Nominal clamping Ø d 8 mm	309000 8
ER colletwith seal Nominal clamping Ø d 7 mm	308959 7
ER collet Nominal clamping Ø d 8 mm	308960 8
ER collet set 15 pieces 2–16 mm	309240
ER colletwith seal and spray nozzles Nominal clamping Ø d 20 mm	309002 20
ER collet Nominal clamping Ø d 18 mm	309040 18
ER colletwith seal Nominal clamping Ø d 10 mm	308959 10
ER colletwith seal Nominal clamping Ø d 3 mm	308921 3
ER colletwith seal and spray nozzles Nominal clamping Ø d 10 mm	308962 10
ER collet Nominal clamping Ø d 15 mm	309040 15

ER colletwith seal Nominal clamping Ø d 9 mm	308959 9
ER colletwith seal and spray nozzles Nominal clamping Ø d 13 mm	309002 13
ER collet Nominal clamping Ø d 3 mm	308960 3
ER collet HPwith seal Nominal clamping Ø d 4 mm	309374 4
ER collet Nominal clamping Ø d 8 mm	309040 8
ER collet HPwith seal and spray nozzles Nominal clamping Ø d 4 mm	309375 4
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 10 mm	309430 10
ER colletwith seal and spray nozzles Nominal clamping Ø d 11 mm	308962 11
ER collet Nominal clamping Ø d 9 mm	308941 9
ER collet Nominal clamping Ø d 12 mm	308941 12
ER collet Nominal clamping Ø d 4 mm	309000 4
ER collet Nominal clamping Ø d 5 mm	309040 5
ER colletwith seal and spray nozzles Nominal clamping Ø d 7 mm	309002 7
ER collet HPwith seal Nominal clamping Ø d 14 mm	309374 14
ER collet Nominal clamping Ø d 6 mm	309000 6
ER colletwith seal Nominal clamping Ø d 8 mm	308946 8
ER collet HPwith seal and spray nozzles Nominal clamping Ø d 12 mm	309375 12
ER colletwith seal Nominal clamping Ø d 15 mm	308946 15
ER collet Nominal clamping Ø d 17 mm	309040 17
ER collet HPwith seal Nominal clamping Ø d 15 mm	309374 15
ER collet HP Nominal clamping Ø d 13 mm	309373 13
ER colletwith seal and spray nozzles Nominal clamping Ø d 12 mm	309002 12
ER collet Nominal clamping Ø d 12 mm	309000 12
ER collet HPwith seal Nominal clamping Ø d 5 mm	309374 5
ER collet Nominal clamping Ø d 16 mm	309000 16

ER colletwith seal Nominal clamping Ø d 14 mm	308959 14
ER colletwith seal and spray nozzles Nominal clamping Ø d 6 mm	309002 6
ER collet Nominal clamping Ø d 10 mm	309000 10
ER colletwith seal and spray nozzles Nominal clamping Ø d 10 mm	309002 10
ER collet Nominal clamping Ø d 23 mm	309040 23
ER collet set 15 pieces 2–16 mmwith seal and spray nozzles	309245
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 7 mm	309430 7
ER colletwith seal Nominal clamping Ø d 9 mm	308921 9
ER colletwith seal and spray nozzles Nominal clamping Ø d 12 mm	308962 12
ER colletwith seal Nominal clamping Ø d 6 mm	308959 6
ER collet HPwith seal and spray nozzles Nominal clamping Ø d 8 mm	309375 8
ER collet set 12 pieces 2–13 mm	309200
ER colletwith seal Nominal clamping Ø d 11 mm	308959 11
ER collet HPwith seal Nominal clamping Ø d 9 mm	309374 9
ER colletwith seal Nominal clamping Ø d 8 mm	308921 8
ER collet Nominal clamping Ø d 19 mm	309040 19
ER collet Nominal clamping Ø d 7 mm	309000 7
ER colletwith seal Nominal clamping Ø d 15 mm	308959 15
ER collet Nominal clamping Ø d 9 mm	309040 9
ER colletwith seal and spray nozzles Nominal clamping Ø d 11 mm	309002 11
ER colletwith seal and spray nozzles Nominal clamping Ø d 14 mm	309002 14
ER collet Nominal clamping Ø d 13 mm	308941 13
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm	309430 6
ER collet Nominal clamping Ø d 19 mm	309000 19

ER collet Nominal clamping Ø d 2 mm	308960 2
ER collet HP Nominal clamping Ø d 5 mm	309373 5
ER collet Nominal clamping Ø d 13 mm	309040 13
ER colletwith seal Nominal clamping Ø d 12 mm	308959 12
ER colletwith seal and spray nozzles Nominal clamping Ø d 5 mm	309002 5
ER colletwith seal and spray nozzles Nominal clamping Ø d 4 mm	308962 4
ER collet HPwith seal Nominal clamping Ø d 16 mm	309374 16
ER colletwith seal Nominal clamping Ø d 4 mm	308921 4
ER collet Nominal clamping Ø d 10 mm	309040 10
ER Mini clamping nut for ER 16	309650 16
ER colletwith seal Nominal clamping Ø d 11 mm	308946 11
ER collet Nominal clamping Ø d 14 mm	309040 14
ER collet Nominal clamping Ø d 2 mm	308941 2
ER colletwith seal Nominal clamping Ø d 5 mm	308959 5
ER colletwith seal and spray nozzles Nominal clamping Ø d 16 mm	308962 16
ER colletwith seal Nominal clamping Ø d 4 mm	308959 4
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm	309430 2,8
ER collet Nominal clamping Ø d 6 mm	308960 6
ER colletwith seal Nominal clamping Ø d 4 mm	308946 4
ER collet HP Nominal clamping Ø d 12 mm	309373 12
ER collet Nominal clamping Ø d 2,5 mm	308941 2,5
ER colletwith seal and spray nozzles Nominal clamping Ø d 6 mm	308962 6
ER colletwith seal and spray nozzles Nominal clamping Ø d 5 mm	308962 5
ER colletwith seal Nominal clamping Ø d 8 mm	308959 8
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 9 mm	309430 9

ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm	309430 4,5
ER colletwith seal and spray nozzles Nominal clamping Ø d 3 mm	309002 3
ER colletwith seal Nominal clamping Ø d 3 mm	308959 3
ER collet Nominal clamping Ø d 16 mm	309040 16
ER colletwith seal Nominal clamping Ø d 5 mm	308921 5
ER colletwith seal Nominal clamping Ø d 6 mm	308921 6
ER collet Nominal clamping Ø d 5 mm	309000 5
ER collet Nominal clamping Ø d 14 mm	308941 14
ER collet Nominal clamping Ø d 12 mm	309040 12
ER collet Nominal clamping Ø d 6 mm	309040 6
ER colletwith seal Nominal clamping Ø d 16 mm	308946 16
ER collet HP Nominal clamping Ø d 15 mm	309373 15
ER collet HPwith seal and spray nozzles Nominal clamping Ø d 14 mm	309375 14
ER collet Nominal clamping Ø d 11 mm	308960 11
ER collet Nominal clamping Ø d 13 mm	309000 13
ER colletwith seal and spray nozzles Nominal clamping Ø d 14 mm	308962 14
ER collet HPwith seal Nominal clamping Ø d 3 mm	309374 3
ER Mini clamping nut for sealing rings for ER 16	309652 16
ER colletwith seal and spray nozzles Nominal clamping Ø d 8 mm	308962 8
ER collet HPwith seal Nominal clamping Ø d 11 mm	309374 11
ER collet Nominal clamping Ø d 4 mm	308941 4
ER colletwith seal Nominal clamping Ø d 7 mm	308921 7
ER collet Nominal clamping Ø d 10 mm	308941 10
ER colletwith seal Nominal clamping Ø d 12 mm	308946 12
ER Mini clamping nut for ER 20	309650 20
	309430 8

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

ER collet Nominal clamping $\varnothing$ d 20 mm	309000 20
ER collet Nominal clamping $\varnothing$ d 25 mm	309040 25
ER Mini clamping nut for sealing rings for ER 20	309652 20
ER collet Nominal clamping $\varnothing$ d 14 mm	308960 14
ER colletwith seal Nominal clamping $\varnothing$ d 3 mm	308946 3
ER collet set 18 pieces 3–20 mmwith seal and spray nozzles	309285
ER collet Nominal clamping $\varnothing$ d 11 mm	309040 11
ER collet Nominal clamping $\varnothing$ d 24 mm	309040 24
ER collet HP Nominal clamping $\varnothing$ d 8 mm	309373 8
ER collet Nominal clamping $\varnothing$ d 12 mm	308960 12
ER collet Nominal clamping $\varnothing$ d 9 mm	309000 9
ER colletwith seal and spray nozzles Nominal clamping $\varnothing$ d 16 mm	309002 16
ER collet Nominal clamping $\varnothing$ d 8 mm	308941 8
ER collet HPwith seal Nominal clamping $\varnothing$ d 8 mm	309374 8
ER Mini clamping nut for ER 8	309650 8
ER collet Nominal clamping $\varnothing$ d 7 mm	308960 7
ER colletwith seal Nominal clamping $\varnothing$ d 13 mm	308946 13
ER collet Nominal clamping $\varnothing$ d 18 mm	309000 18
ER collet HPwith seal Nominal clamping $\varnothing$ d 10 mm	309374 10
ER collet HPwith seal Nominal clamping $\varnothing$ d 6 mm	309374 6
ER collet Nominal clamping $\varnothing$ d 10 mm	308960 10
ER collet Nominal clamping $\varnothing$ d 20 mm	309040 20
ER colletwith seal and spray nozzles Nominal clamping $\varnothing$ d 17 mm	309002 17
ER collet HP Nominal clamping $\varnothing$ d 2 mm	309373 2
ER collet Nominal clamping $\varnothing$ d 15 mm	308960 15
ER colletwith seal Nominal clamping $\varnothing$ d 6 mm	308946 6

ER colletwith seal Nominal clamping Ø d 7 mm	308946 7
ER Mini clamping nut for sealing rings for ER 25	309652 25
ER collet Nominal clamping Ø d 6 mm	308941 6
ER collet HP Nominal clamping Ø d 4 mm	309373 4
ER collet set 7 pieces 1–7 mm	309155
ER collet HPwith seal and spray nozzles Nominal clamping Ø d 6 mm	309375 6
ER collet HP Nominal clamping Ø d 7 mm	309373 7
ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm	309430 3,5
ER collet Nominal clamping Ø d 22 mm	309040 22
ER colletwith seal Nominal clamping Ø d 9 mm	308946 9
ER collet set 23 pieces 4–26 mm	309320
ER collet Nominal clamping Ø d 21 mm	309040 21
ER colletwith seal and spray nozzles Nominal clamping Ø d 13 mm	308962 13
ER collet HP Nominal clamping Ø d 14 mm	309373 14
ER colletwith seal Nominal clamping Ø d 5 mm	308946 5
ER collet HP Nominal clamping Ø d 10 mm	309373 10
ER collet Nominal clamping Ø d 13 mm	308960 13
ER collet Nominal clamping Ø d 7 mm	308941 7
ER collet Nominal clamping Ø d 9 mm	308960 9
ER colletwith seal Nominal clamping Ø d 10 mm	308946 10
ER colletwith seal and spray nozzles Nominal clamping Ø d 15 mm	309002 15
ER collet Nominal clamping Ø d 3 mm	309000 3
ER Mini clamping nut for ER 25	309650 25
ER collet Nominal clamping Ø d 5 mm	308941 5
ER collet Nominal clamping Ø d 16 mm	308960 16
ER collet set 18 pieces 3–20 mm	309280
ER collet Nominal clamping Ø d 15 mm	309000 15



ER collet Nominal clamping Ø d 15 mm	308941 15
ER collet Nominal clamping Ø d 16 mm	308941 16
ER collet HP Nominal clamping Ø d 16 mm	309373 16
ER colletwith seal and spray nozzles Nominal clamping Ø d 9 mm	309002 9
ER collet HPwith seal Nominal clamping Ø d 7 mm	309374 7
ER collet set 10 pieces 1–10 mm	309160
ER colletwith seal and spray nozzles Nominal clamping Ø d 8 mm	309002 8
ER collet HP Nominal clamping Ø d 6 mm	309373 6
ER collet HP Nominal clamping Ø d 3 mm	309373 3
ER collet Nominal clamping Ø d 4 mm	309040 4
ER collet Nominal clamping Ø d 3 mm	308941 3
ER colletwith seal and spray nozzles Nominal clamping Ø d 18 mm	309002 18
ER collet Nominal clamping Ø d 5 mm	308960 5
ER collet Nominal clamping Ø d 14 mm	309000 14
ER colletwith seal Nominal clamping Ø d 13 mm	308959 13
ER colletwith seal Nominal clamping Ø d 16 mm	308959 16
ER collet HPwith seal and spray nozzles Nominal clamping Ø d 10 mm	309375 10
ER colletwith seal and spray nozzles Nominal clamping Ø d 4 mm	309002 4
ER collet set 10 pieces 1–10 mmwith seal and spray nozzles	309165
ER collet Nominal clamping Ø d 11 mm	309000 11
ER colletwith seal and spray nozzles Nominal clamping Ø d 3 mm	308962 3
ER colletwith seal and spray nozzles Nominal clamping Ø d 15 mm	308962 15
ER collet HP Nominal clamping Ø d 11 mm	309373 11