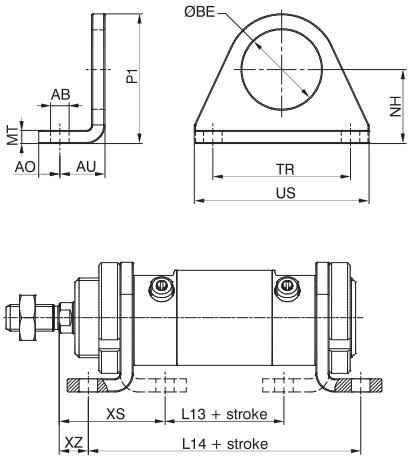
Foot

Coding: 12X.Ø.01

	BORE
Ø	**16** = Ø16
	20 = Ø20
	25 = Ø25
	32 = Ø32
	40 = Ø40
	50 = Ø50
	63 = Ø63

The kit comprises:
n° 1 foot (AISI 304)



Used to mount the cylinder on the mounting plane with the rod parallel to said plane. Use one for short strokes and two for long strokes. It is made stamped stainless steel AISI 316.

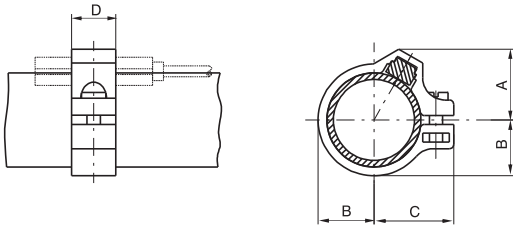
Bore	16	20	25	32	40	50	63
AB (H13)	5,5	6,5	6,5	6,5	9	9	9
AO	6	8	8	8	10	10	10
AU	14	17	17	17	20	20	20
ØBE	16	22	22	30	40	40	45
L13 (±1)	36	44	44	45	49	52	78
L14 (±1)	84	102	102	103	119	122	146
MT	4	5	5	5	5	5	6
NH (±0.3)	20	25	25	28	40	40	50
P1	33	45	45	50	66,5	66,5	80
TR (Js14)	32	40	40	52	70	70	70
US	42	54	54	66	90	90	90
XS (±1.4)	32	36	40	40	50	50	51
XZ (±1.4)	8	7	11	11	15	15	17
Weight (g)	45	90	90	110	210	210	262

Sensor clamps cod. 1580._, MRS._, MHS._

Coding: 12X.Ø.FS

	BORE
Ø	**16** = Ø16
	20 = Ø20
	25 = Ø25
	32 = Ø32
	40 = Ø40
	50 = Ø50

The kit comprises:
n° 1 clamp (Technopolymer)
n° 1 screw (AISI 304)
n° 1 nut (AISI 304)



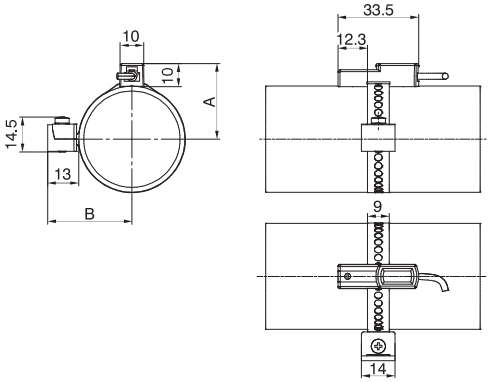
Bore	Ø16	Ø20	Ø25	Ø32	Ø40	Ø50
A	14,5	16	17,5	20,5	22	29
B	10,5	12,5	15,3	20	24	29
C	16	18	20,5	26	30	35
D	10	10	10	10	10	10
Weight (g)	3	5	7	8	10	11

Sensor clamps cod. 1580._, MRS._, MHS._

Coding: 12X.Ø.FSX

	BORE
Ø	**16** = Ø16
	20 = Ø20
	25 = Ø25
	32 = Ø32
	40 = Ø40
	50 = Ø50
	63 = Ø63

The kit comprises:
n° 1 clamp (AISI 304)
n° 1 switch bracket + support (Technopolymer)
n° 1 screw (AISI 304)
n° 1 nut (AISI 304)



Bore	Ø16	Ø20	Ø25	Ø32	Ø40	Ø50	Ø63
A	19	21	23	28	32	37	44
B	22	24	26	31	35	40	47

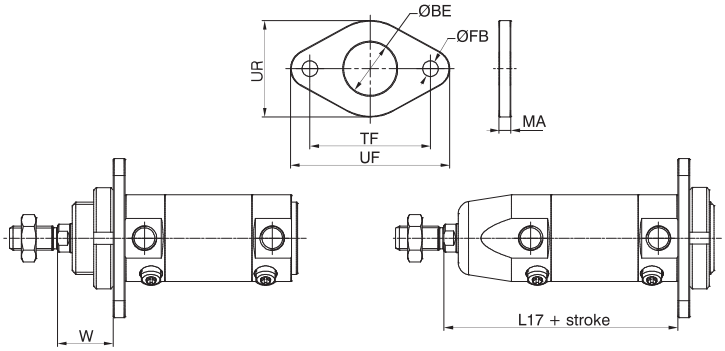
Flange

Coding: 12X.Ø.02

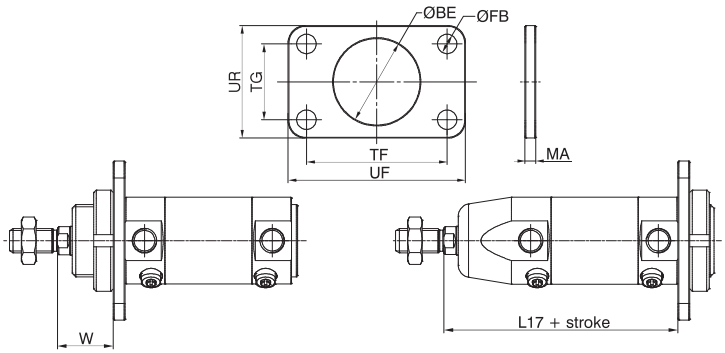
	BORE
Ø	**16** = Ø16
	20 = Ø20
	25 = Ø25
	32 = Ø32
	40 = Ø40
	50 = Ø50
	63 = Ø63

The kit comprises:
n° 1 flange (AISI 316)

(For Ø16-Ø20-Ø25)



(For Ø32-Ø40-Ø50-Ø63)



Use to mount the microcylinder at a right angle to the mounting plane. Made of stainless steel AISI 316.

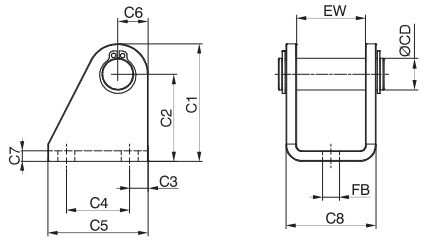
Bore	16	20	25	32	40	50	63
ØBE	16	22	22	30	40	40	45
ØFB (H13)	5.5	6.5	6.5	6.5	9	9	9
UF	53	66	66	66	82	82	96
UR	30	40	40	42	52	52	70
MA	4	5	5	5	5	5	6
TF (JS14)	40	50	50	52	65	65	76
TG	/	/	/	28	35	35	50
W (±1.4)	18	19	23	23	30	30	31
L17	78	92	97	97	114	117	143
Weight (g)	40	85	85	100	105	105	225

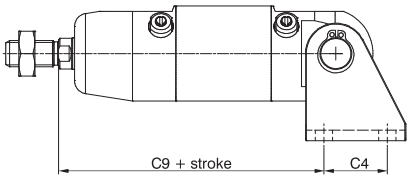
Rear clevis

Coding: 12X.Ø.03

	BORE
Ø	**16** = Ø16
	20 = Ø20
	25 = Ø25
	32 = Ø32
	40 = Ø40
	50 = Ø50
	63 = Ø63

The kit comprises:
n° 1 clevis (AISI 316)
n° 1 pin (AISI 316)
n° 2 circlips (AISI 420)





Used to mount by using the rear end cover to mount either parallel or at a right angle to the mounting plane. Allows the cylinder to oscillate and self-align with the linked element to the rod. Necessary to use when the rod may be subject to lateral forces during travel. Made of stamped stainless steel.

Bore	16	20	25	32	40	50	63
ØCD	6	8	8	12	14	14	16
C1	33,5	39,5	39,5	44,5	53,5	53,5	64
C2 (±0.3)	27	30	30	33	40	40	50
C3	5	6	6	7	10	10	8
C4	15	20	20	24	28	28	34
C5	25	32	32	38	45	45	50
C6	6,5	9,5	9,5	11,5	13,5	13,5	14
C7	3	4	4	4	4	4	6
C8	18	24	24	34	38	38	52
C9 (±0.4)	80,5	91,5	100,5	100,5	119,5	122,5	148
EW	12,1	16,1	16,1	26,1	30,5	30,5	40,5
FB (H13)	5,5	6,5	6,5	6,5	8,5	8,5	9
Weight (g)	35	75	75	135	138	138	284

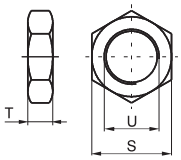
Rod lock nut

Coding: 12X.Ø.11

Ø	BORE
	16 = Ø16
	20 = Ø20
	25 = Ø25
	32 = Ø32
	40 = Ø40
	50 = Ø50
	63 = Ø63

The kit comprises:
n° 1 rod lock nut (AISI 316)

Mounted on the rod thread.
Made of stainless steel AISI 316.



Bore	S	T	U	Weight (g)
16	10	4	M6X1	3
20	13	5	M8X1,25	4
25	17	6	M10X1,25	9
32	17	6	M10X1,25	9
40	19	7	M12X1,75	12
50	19	7	M12X1,75	12
63	24	8	M16X1,5	21

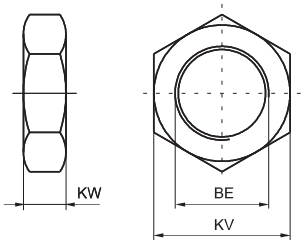
Nut for the endcap

Coding: 12X.Ø.05

Ø	BORE
	16 = Ø16
	20 = Ø20
	25 = Ø25

The kit comprises:
n° 1 nut for the endcap (AISI 316)

Used to fasten flanges or feet to the endcaps of the microcylinder Mounted on diameters from 16 to 25. Supplied as standard (1 piece) with microcylinders.



Bore	BE	KV	KW	Weight (g)
16	M16x1,5	22	6	16
20	M22x1,5	30	7	25
25	M22x1,5	30	7	25

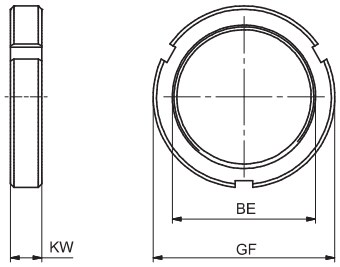
Lock nut for the end cap

Coding: 12X.Ø.05

Ø	BORE
	32 = Ø32
	40 = Ø40
	50 = Ø50
	63 = Ø63

The kit comprises:
n° 1 lock nut for the end cap (AISI 316)

Used to fasten flanges or feet to the endcaps of the microcylinder Mounted on diameters from 32 to 63. Supplied as standard (1 piece) with microcylinders.



Bore	BE	GF	KW	Weight (g)
32	M30x1,5	42	8	42
40	M40x1,5	52	9	62
50	M40x1,5	52	9	62
63	M45x1,5	60	10	100

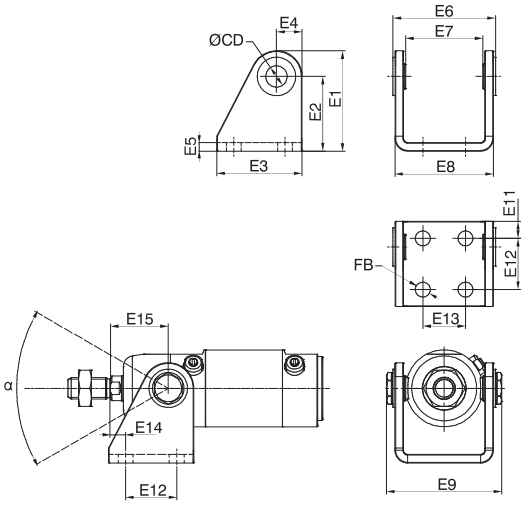
Front clevis

Coding: 12X.Ø.08

Ø	BORE
	32 = Ø32
	40 = Ø40
	50 = Ø50
	63 = Ø63

The kit comprises:
n° 1 clevis (AISI 316)
n° 2 bushings (Technopolymer)

Used to mount by using the front end cap to mount parallel to the mounting plane. Allows the cylinder to oscillate and self-align with the linked element to the rod. Necessary to use when the rod may be subject to lateral forces during travel. Made of stamped stainless steel AISI 316.



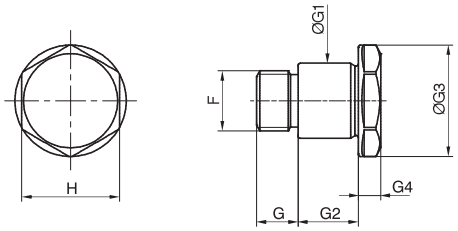
Bore	E2 (±0,2)	E3	E4	E5	E6	E7	E8	E9	E11	E12	E13	E14	E15	FB (H13)	ØCD	α	Weight (g)
32	35	40	12	4	48	36	46	54	8	24	20	7	27	7	10	50°	121
40	40	50	13	4	60	49	58	68	10	30	28	6	33	9	12	50°	175
50	45	54	14	6	74	54	72	84	10	34	36	10	40	9	14	50°	330
63	50	65	16	6	88	72	86	98	15	35	42	11	45	9	16	40°	458

Pin for front clevis

Coding: 12X.Ø.09

	BORE
Ø	**32** = Ø32
	40 = Ø40
	50 = Ø50
	63 = Ø63

The kit comprises:
n° 1 pin (AISI 316)



Bore	32	40	50	63
G	5,5	6	8,5	11
G1 (h7)	10	12	14	16
G2	8	10	12	12
G3	15	17	19	24
G4	3	4	5	5
F	M8X0,75	M10X1	M12X1	M14X1
H	13	15	17	21

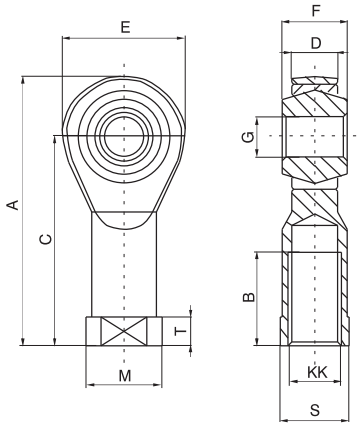
Ball joint

Coding: 12X.Ø.10

	BORE
Ø	**16** = Ø16
	20 = Ø20
	25 = Ø25
	32 = Ø32
	40 = Ø40
	50 = Ø50
	63 = Ø63

The kit comprises:
n° 1 ball joint (AISI 304 and 420)

Mounted on the rod thread, assures a regular operation even in the presence of significant forces to the linked element. Made of stainless steel AISI 304 and 420.



Bore	16	20	25	32	40	50	63
A	40	48	57	57	66	66	85
B	12	16	20	20	22	22	28
C	30	36	43	43	50	50	64
D	6,75	9	10,5	10,5	12	12	15
E	20	24	28	28	32	32	42
F	9	12	14	14	16	16	21
G (H 7)	6	8	10	10	12	12	16
KK	M6	M8	M10X1,25	M10X1,25	M12X1,75	M12X1,75	M16X1,5
M	13	16	19	19	22	22	27
S	11	14	17	17	19	19	22
T	5	5	6,5	6,5	6,5	6,5	8
Weight (g)	25	25	75	75	112	112	222

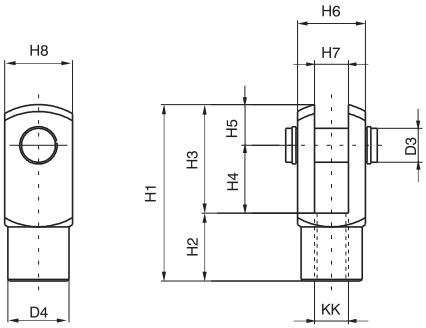
Fork with pin

Coding: 12X.Ø.04

	BORE
Ø	**16** = Ø16
	20 = Ø20
	25 = Ø25
	32 = Ø32
	40 = Ø40
	50 = Ø50
	63 = Ø63

The kit comprises:
n° 1 fork (AISI 303)
n° 1 pin (AISI 316)
n° 2 circlips (AISI 420)

Mounted on the rod thread, assures a regular operation even in the presence of significant forces to the linked element. Made of stainless steel.



Bore	D3	D4	H1	H2	H3	H4	H5	H6	H7 (B12)	H8	KK	Weight (g)
16	6	10	31	12	19	12	7	12	6	12	M6X1	20
20	8	14	42	16	26	16	10	16	8	16	M8X1.25	45
25	10	18	52	20	32	20	12	20	10	20	M10X1.25	90
32	10	18	52	20	32	20	12	20	10	20	M10X1.25	90
40	12	20	62	18	38	24	14	24	12	24	M12X1.75	121
50	12	20	62	18	38	24	14	24	12	24	M12X1.75	121
63	16	26	83	32	51	32	19	32	16	32	M16X1.5	340