

VACUUM CUP HOLDERS

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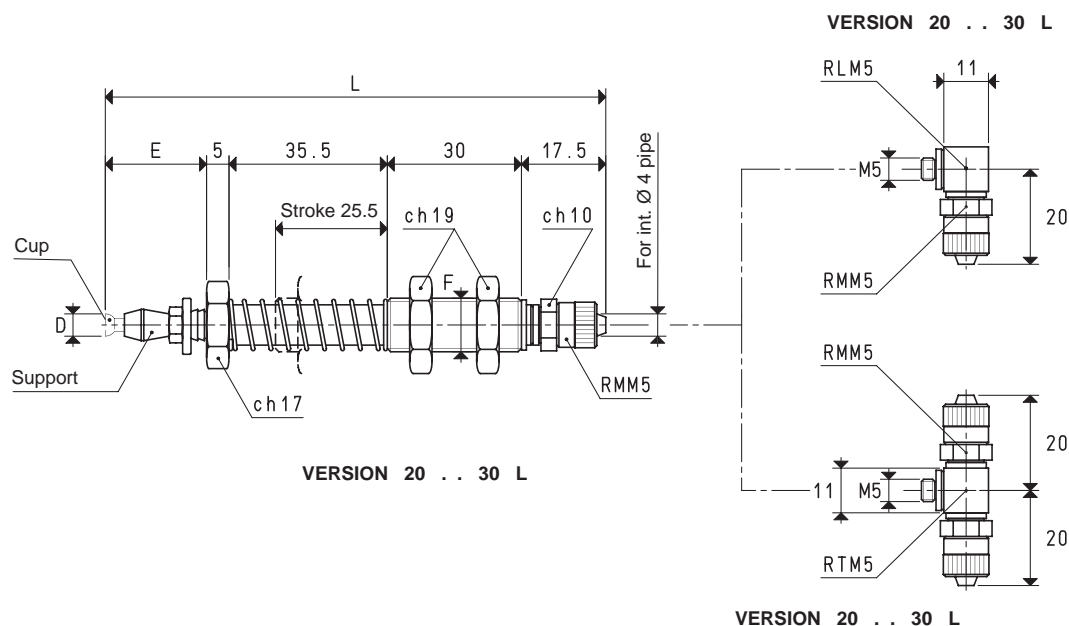
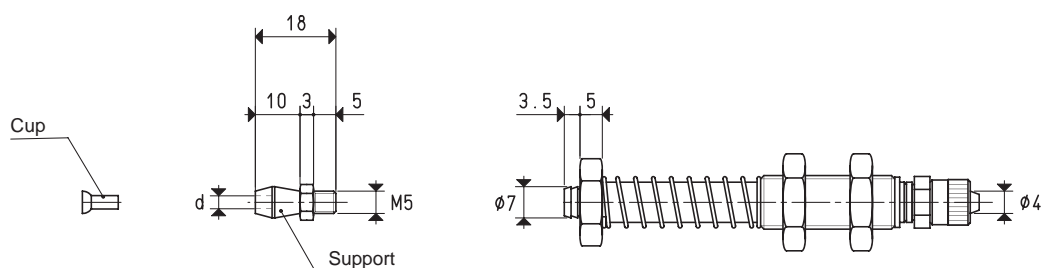
MINI CUP HOLDERS

The main feature of the cup holders described in these pages is their reduced size, which results in a reduced weight and bulk. They allow using even very small cups, guaranteeing, given the same diameter, the same performance as the larger series.

They are composed of:

- A brass stem for fastening the cup;
- A threaded sleeve equipped with nuts, for mounting the cup holder on the machine;
- A spring to cushion the impact of the cup and to keep, at the same time, a constant pressure with the load to be lifted;
- A quick coupling for connection with the suction hose.

2



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	d Ø	D Ø	E	F Ø	L	Cup art.	Support included art.	Weight g
20 04 30	0.03	2.90	4.0	21.0	M12 x 1.25	109.0	01 04 10	00 08 01	74
20 05 30	0.05	2.90	5.0	21.5	M12 x 1.25	109.5	01 05 10	00 08 01	74
20 06 30	0.07	2.90	6.0	21.5	M12 x 1.25	109.5	01 06 10	00 08 01	74
20 08 30	0.12	4.75	8.0	21.5	M12 x 1.25	109.5	01 08 10	00 08 02	74
20 09 30	0.15	4.75	9.0	20.5	M12 x 1.25	108.5	01 09 07	00 08 02	74

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L or T to the code to order cup holders with L or T-type fitting.

3D drawings available at www.vuototecnica.net

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$ pounds = $\frac{\text{g}}{453.6}$ Kg = $\frac{\text{g}}{0.4536}$

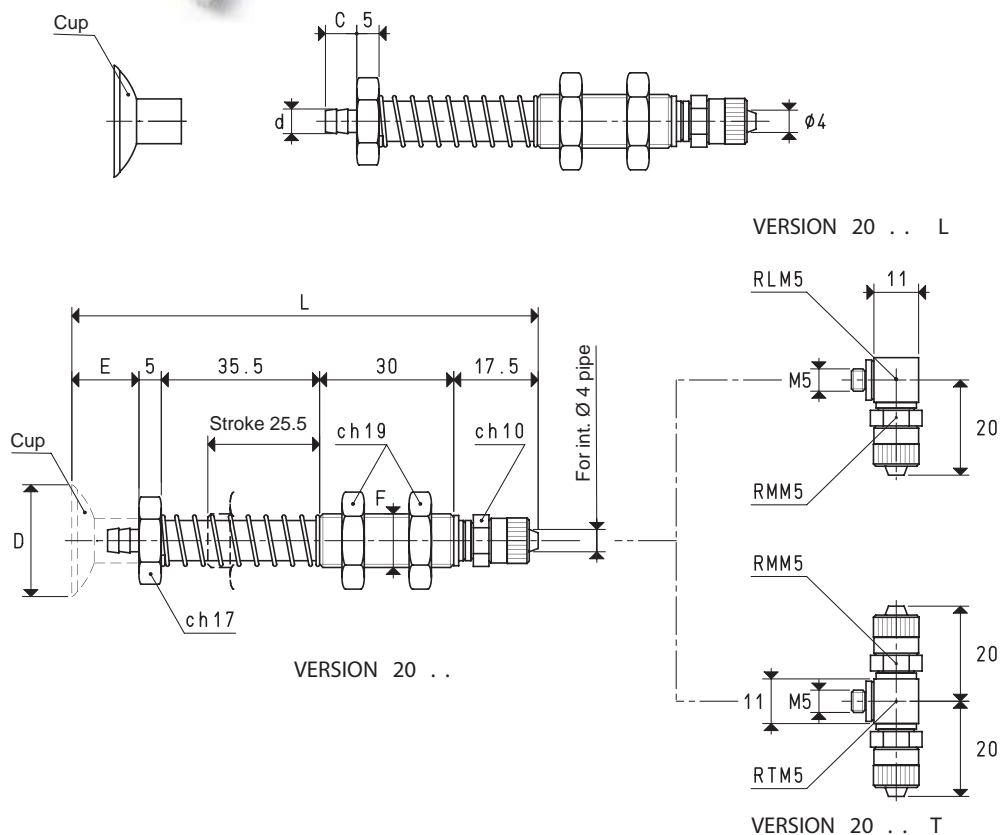
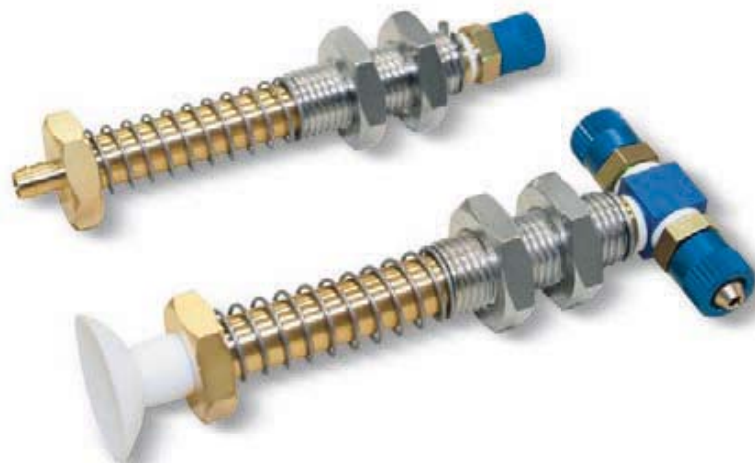
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2



MINI CUP HOLDERS



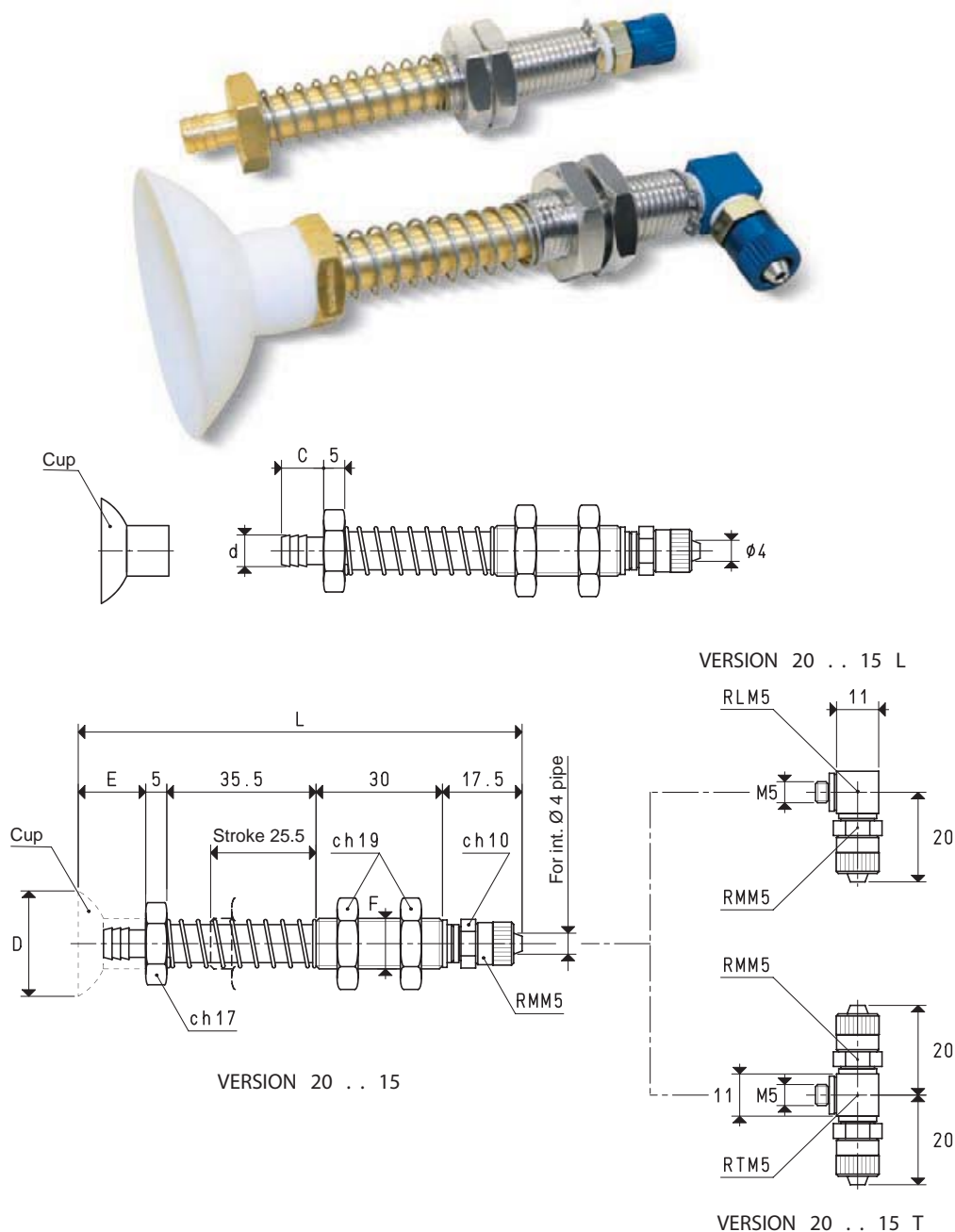
CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	C	d Ø	D Ø	E	F Ø	L	Cup art.	Weight g
20 10 30	0.19	7.0	5.5	10.0	11.0	M12 x 1.25	99.0	01 10 10	70.0
20 12 30	0.28	7.0	5.5	12.0	11.0	M12 x 1.25	99.0	01 12 10	70.6
20 14 15	0.38	7.5	6.5	14.0	15.0	M12 x 1.25	103.0	01 14 15	70.5
20 14 30	0.38	7.0	5.5	14.0	10.0	M12 x 1.25	98.0	01 14 10	70.4
20 15 30	0.44	7.0	5.5	15.0	12.0	M12 x 1.25	100.0	01 15 10	70.7
20 17 30	0.60	7.0	5.5	17.0	11.0	M12 x 1.25	99.0	01 17 12	70.7
20 18 12	0.63	7.5	6.5	18.0	10.0	M12 x 1.25	98.0	01 18 12	70.8
20 18 30	0.63	7.0	5.5	18.0	12.0	M12 x 1.25	100.0	01 18 10	70.7
20 20 30	0.78	7.0	5.5	20.0	12.0	M12 x 1.25	100.0	01 20 10	70.8
20 22 30	0.95	7.0	5.5	22.0	13.0	M12 x 1.25	101.0	01 22 10	71.2

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L or T to the code to order cup holders with L or T-type fitting.





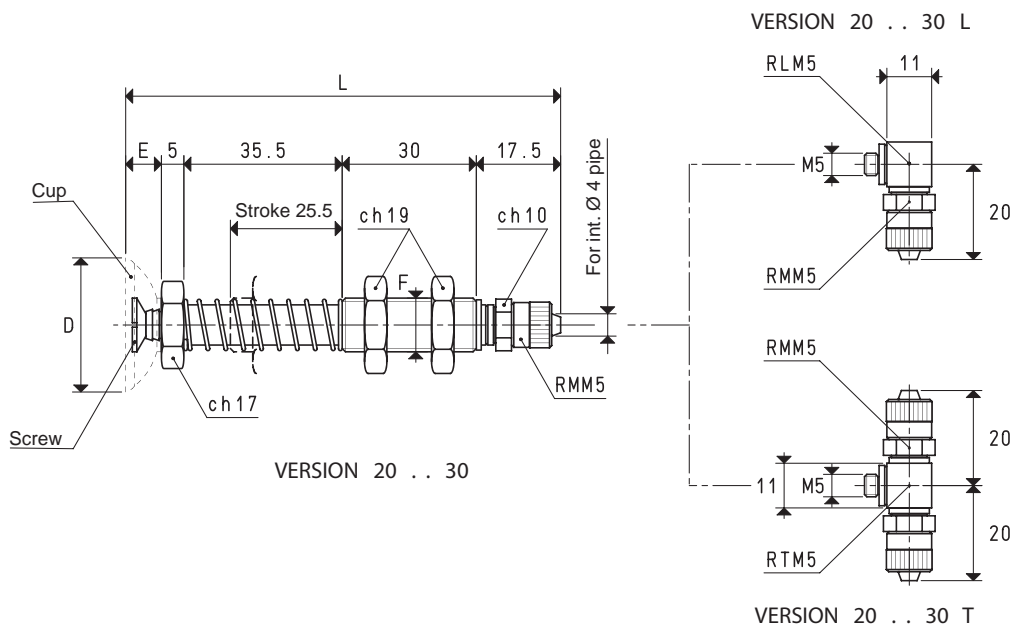
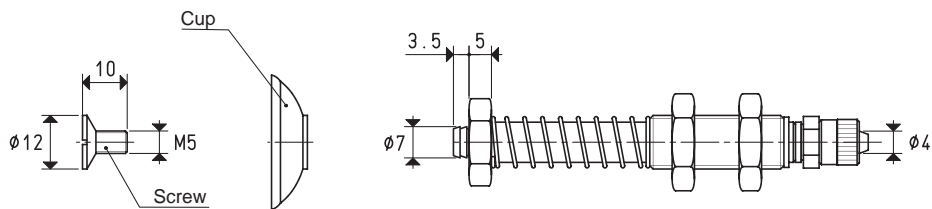
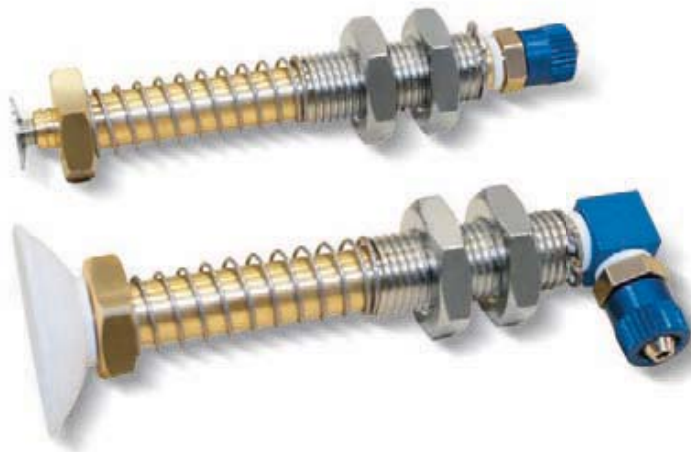
CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	C	d Ø	D Ø	E	F Ø	L	Cup art.	Weight g
20 25 15	1.23	10	7.5	25	16	M12 x 1.25	104	01 25 15	76.0
20 30 15	1.76	10	7.5	30	17	M12 x 1.25	105	01 30 15	76.7
20 35 15	2.40	10	12.0	35	16	M12 x 1.25	104	01 35 15	76.6
20 40 15	3.14	10	12.0	40	18	M12 x 1.25	106	01 40 15	77.1
20 45 15	3.98	10	12.0	45	23	M12 x 1.25	111	01 45 15	80.6

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L or T to the code to order cup holders with L or T-type fitting.

MINI CUP HOLDERS

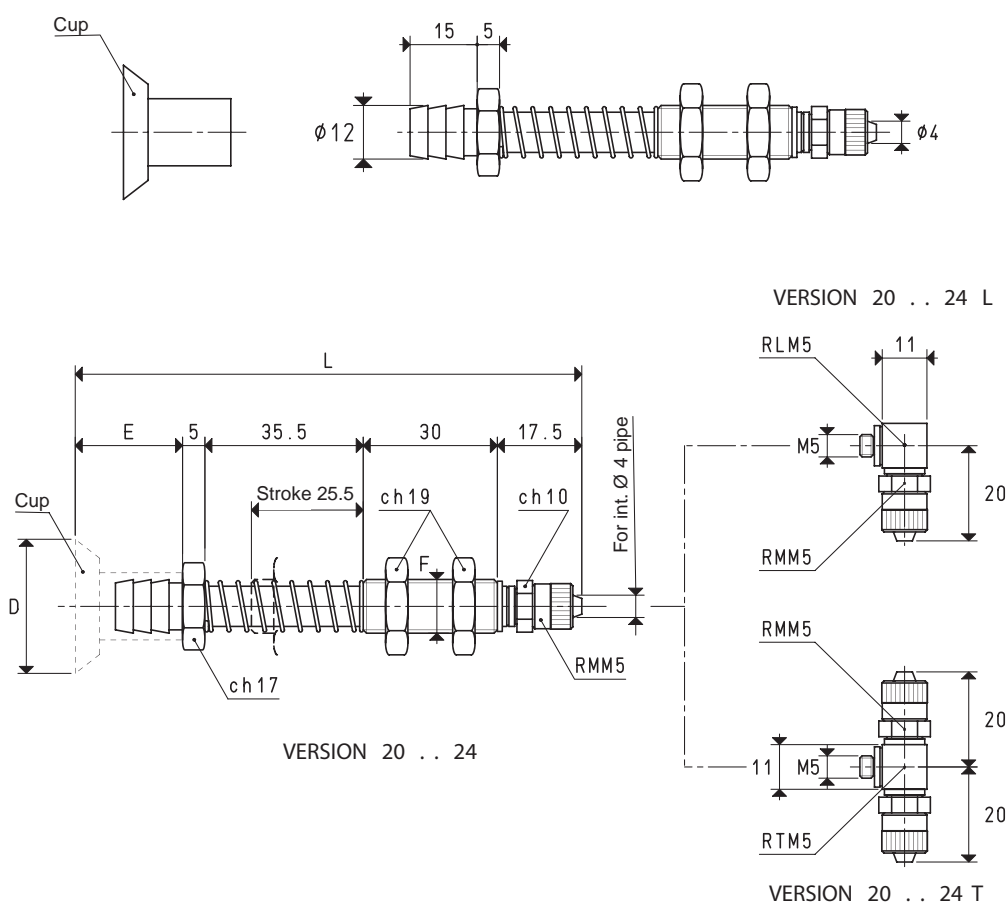


CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	D Ø	E	F Ø	L	Cup art.	Screw included art.	Weight g
20 25 30	1.23	25.0	8	M12 x 1.25	96	01 25 10	00 20 12	75.2
20 30 30	1.76	30.0	8	M12 x 1.25	96	01 30 10	00 20 12	75.9
20 35 30	2.40	35.0	8	M12 x 1.25	96	01 35 10	00 20 12	76.4

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
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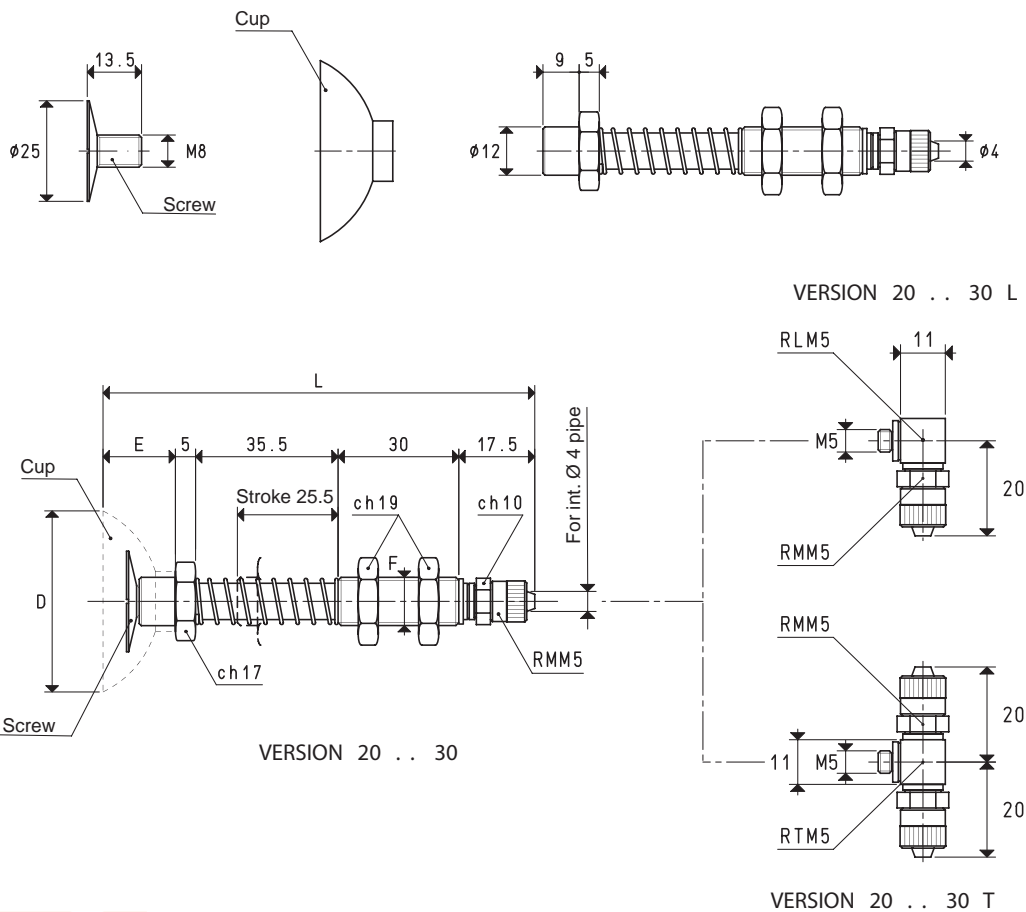
CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	D Ø	E	F Ø	L	Cup art.	Weight g
20 27 24	1.43	27.0	24	M12 x 1.25	112	01 27 24	76.8
20 30 24	1.76	30.0	24	M12 x 1.25	112	01 30 24	76.9

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L or T to the code to order cup holders with L or T-type fitting.

MINI CUP HOLDERS

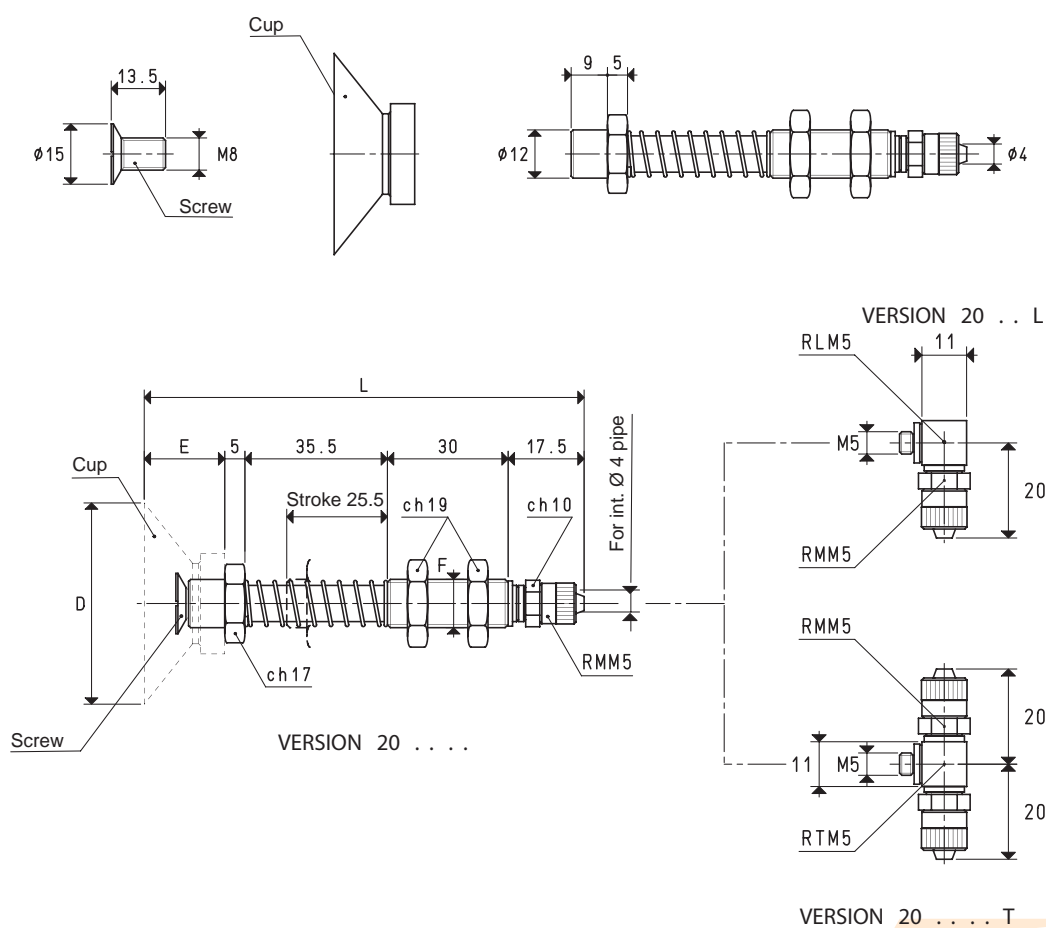


CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	D Ø	E	F Ø	L	Cup art.	Screw included art.	Weight g
20 45 30	3.98	45	18	M12 x 1.25	106	01 45 10	00 20 13	80.7
20 60 30	7.06	60	22	M12 x 1.25	110	01 60 10	00 20 13	88.9

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L or T to the code to order cup holders with L or T-type fitting.





CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	D Ø	E	F Ø	L	Cup art.	Screw included art.	Weight g
20 50 20	4.90	50	20	M12 x 1.25	108	01 50 20	00 20 14	82.0
20 65 28	8.20	65	28	M12 x 1.25	116	01 65 28	00 20 14	89.7

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

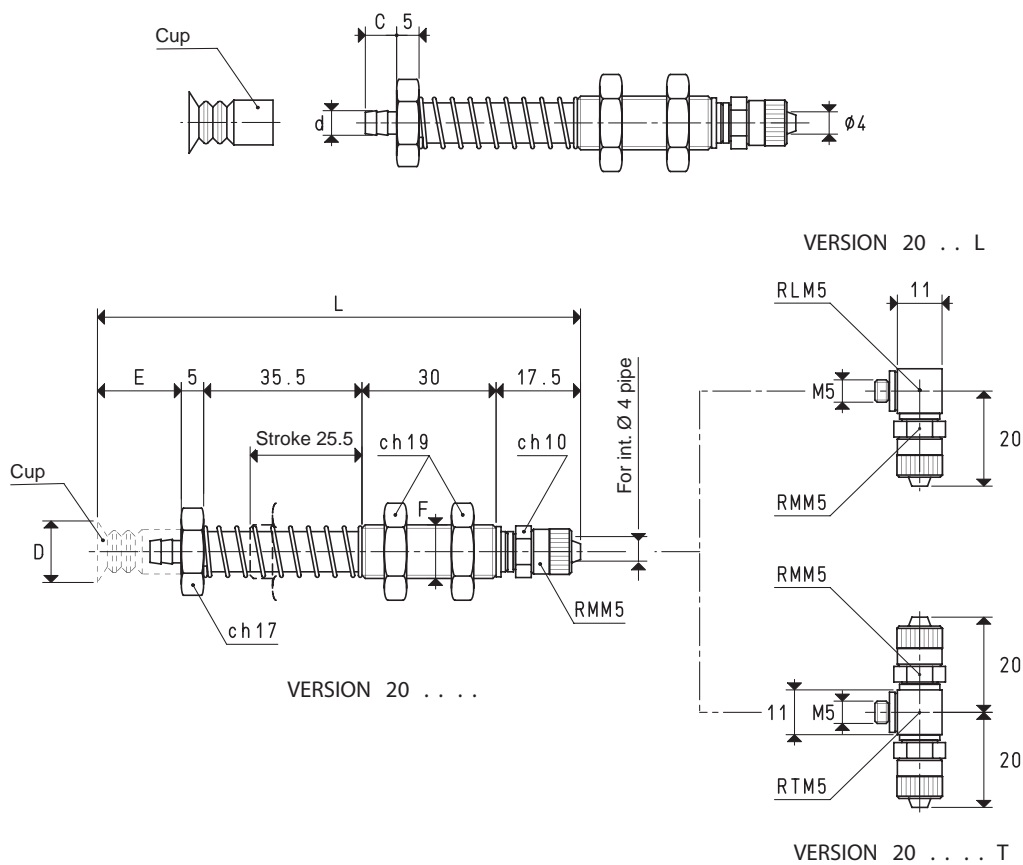
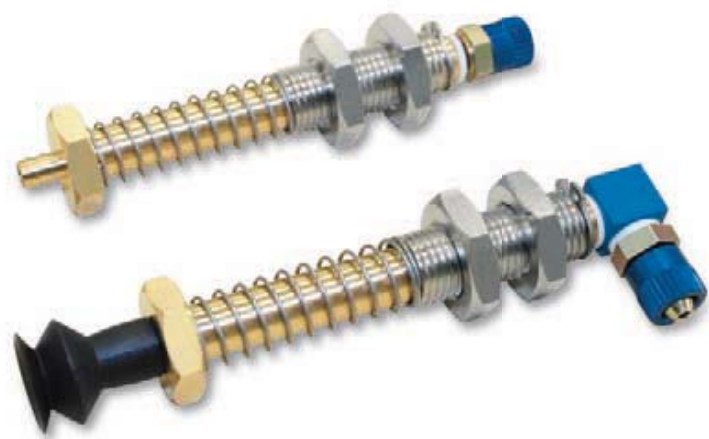
Add the letter L or T to the code to order cup holders with L or T-type fitting.

3D drawings available at www.vuototecnica.net

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$



MINI CUP HOLDERS FOR BELLOW CUPS



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	C	d Ø	D Ø	E	F Ø	L	Cup art.	Weight g
20 06 50	0.07	7	5.5	6	15	M12 x 1.25	103	01 06 50	70.4
20 08 50	0.12	7	5.5	8	15	M12 x 1.25	103	01 08 50	70.5
20 11 16	0.23	7	5.5	11	20	M12 x 1.25	108	01 11 16	70.7
20 11 50	0.23	7	5.5	11	15	M12 x 1.25	103	01 11 50	70.6
20 16 30	0.50	7	5.5	16	20	M12 x 1.25	108	01 16 20	71.0

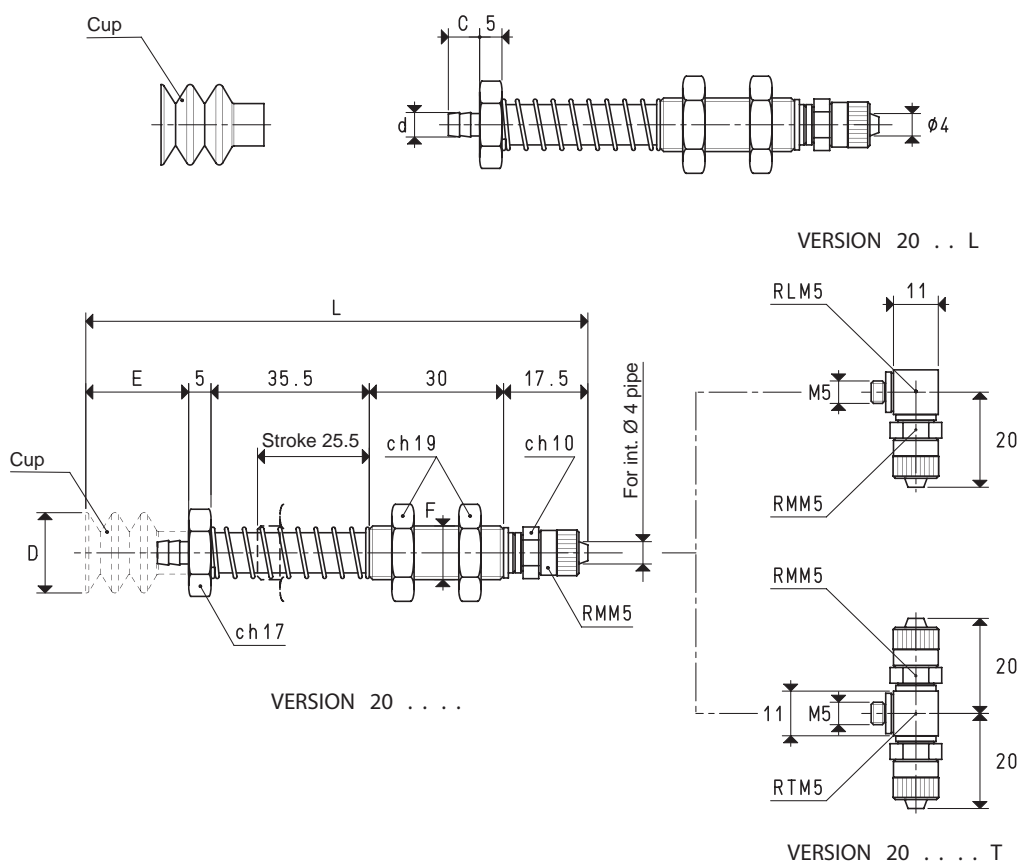
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L or T to the code to order cup holders with L or T-type fitting.



MINI CUP HOLDERS FOR BELLOW CUPS

2



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	C	d	D Ø	E	F	L	Cup art.	Weight g
20 15 23	0.44	7.5	6.5	15	23	M12 x 1.25	111	01 15 23	71.3
20 18 23	0.63	7.5	6.5	18	23	M12 x 1.25	111	01 18 23	71.5
20 18 29	0.63	7.5	6.5	18	29	M12 x 1.25	117	01 18 29	71.8
20 18 35	0.63	7.5	6.5	18	35	M12 x 1.25	123	01 18 35	72.3

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

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3D drawings available at www.vuototecnica.net

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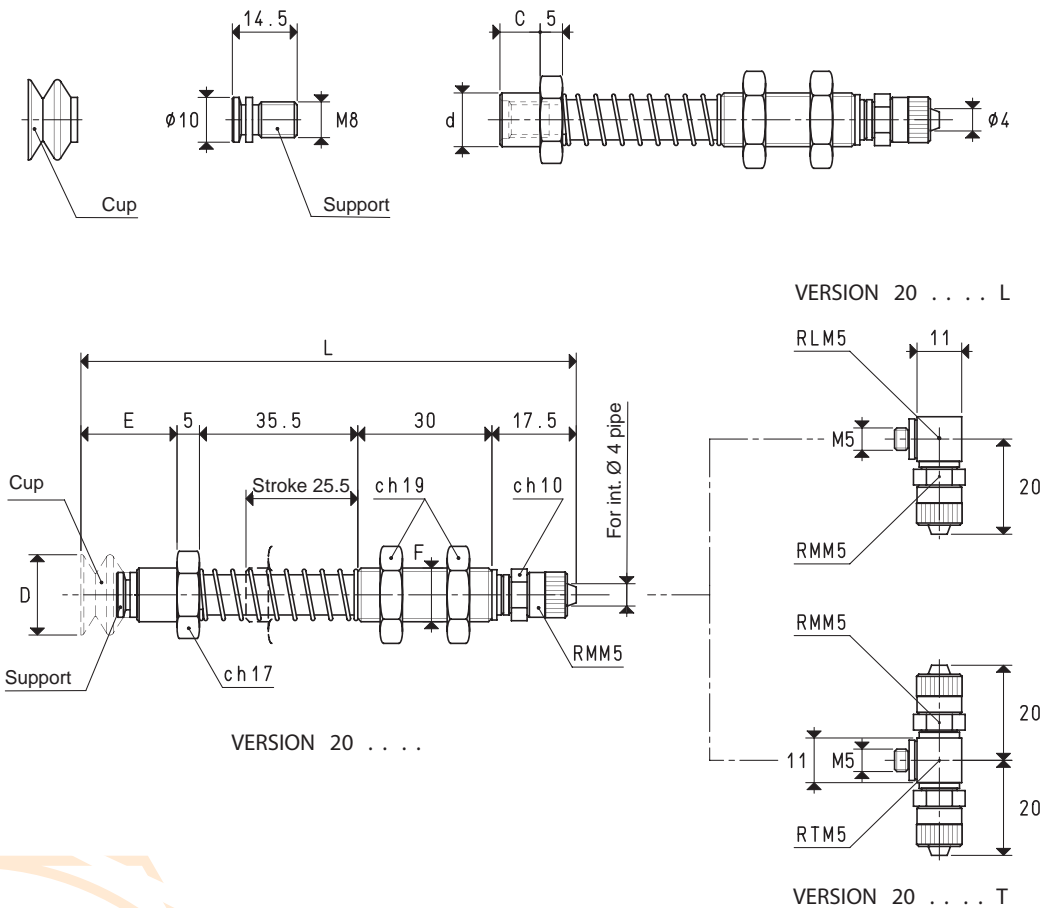
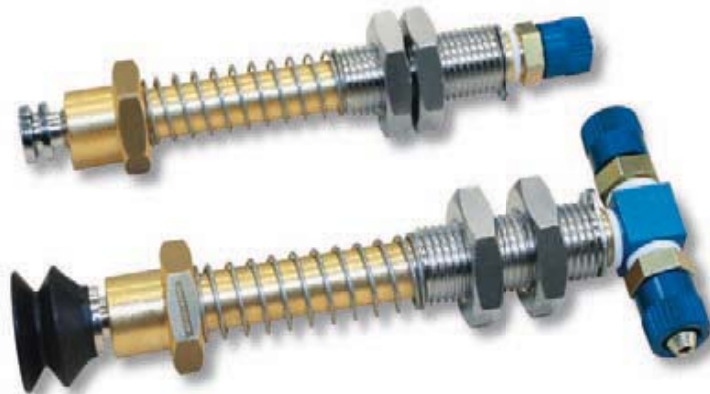
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2



MINI CUP HOLDERS FOR BELLOW CUPS

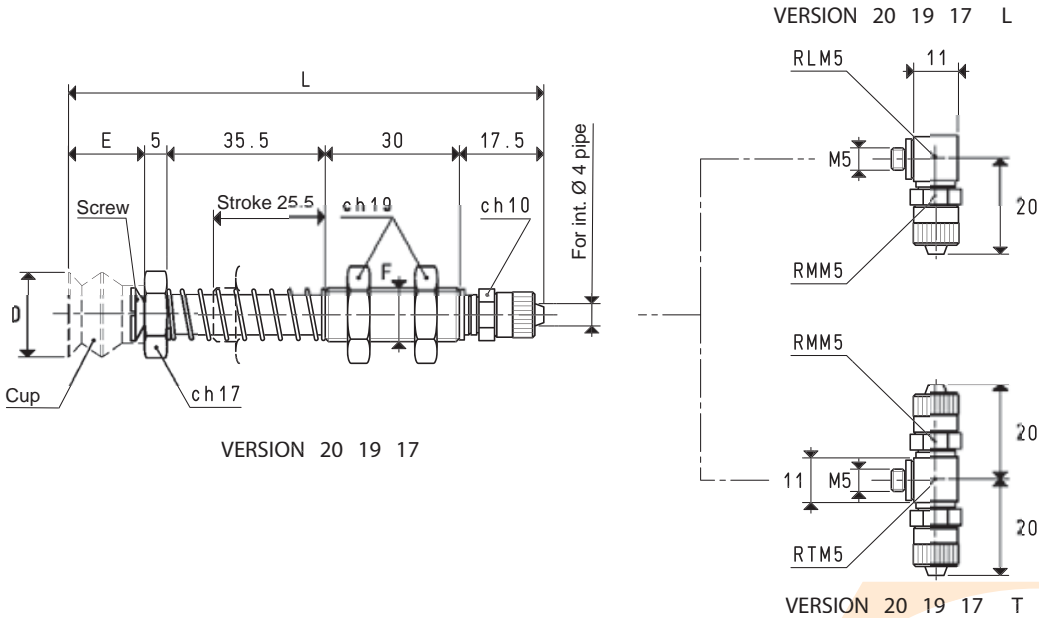
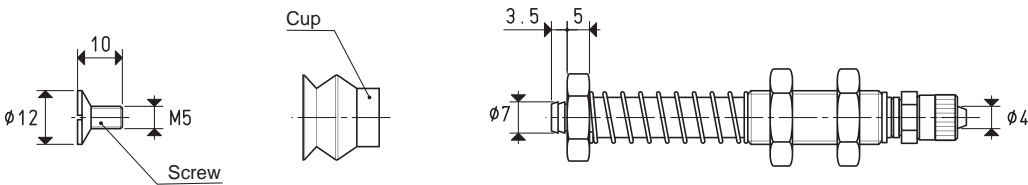
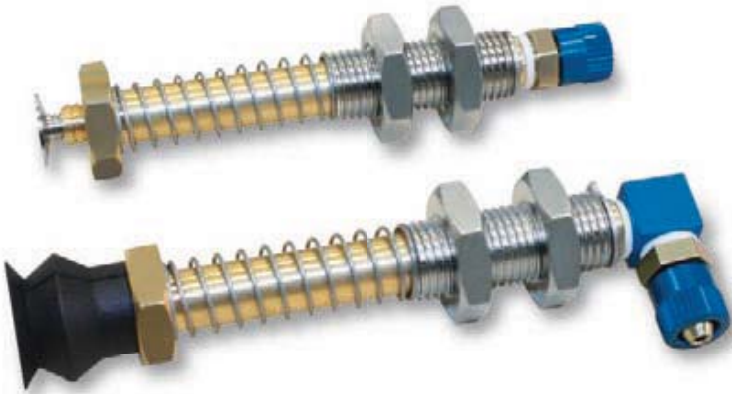


CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	C	d Ø	D Ø	E	F Ø	L	Cup art.	Support included art.	Weight g
20 18 50	0.63	9	12	18	21.5	M12 x 1.25	109.5	01 18 50	00 08 61	82.7
20 20 60	0.78	9	12	20	56.5	M12 x 1.25	144.5	01 20 60	00 08 61	86.2

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L or T to the code to order cup holders with L or T-type fitting.





CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

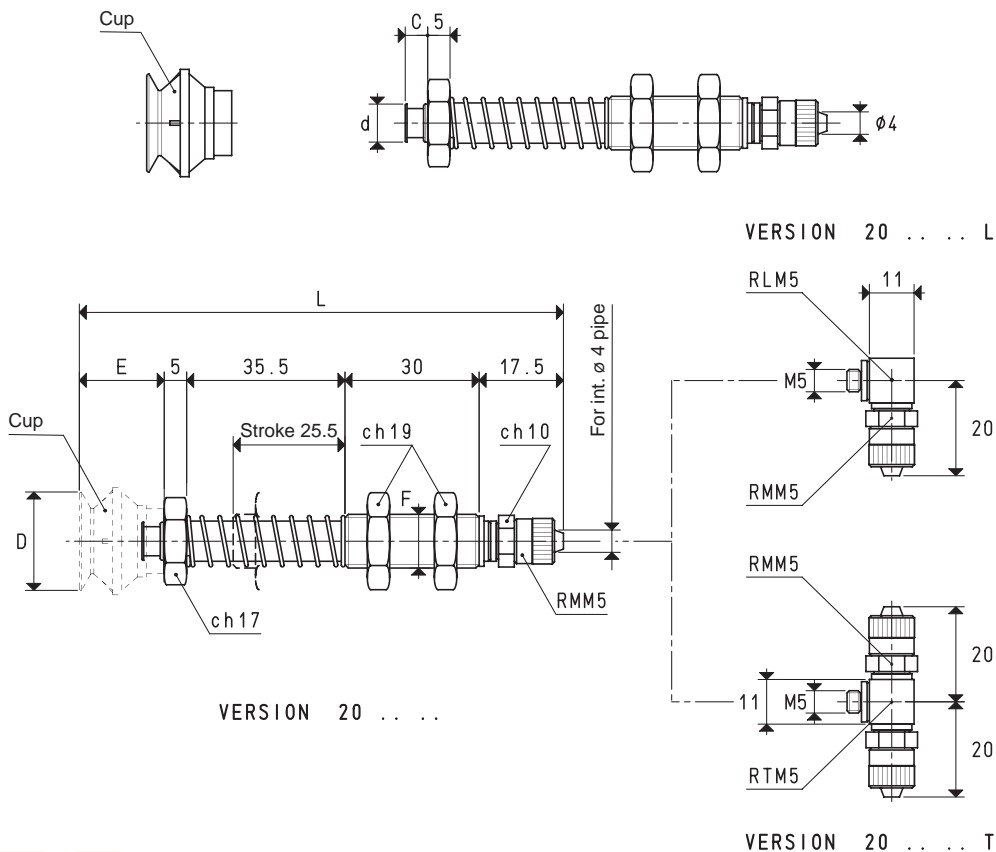
Art.	Force Kg	D Ø	E	F Ø	L	Cup art.	Screw included art.	Weight g
20 19 17	0.70	19	17	M12 x 1.25	105	01 19 17	00 20 12	75.3

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L or T to the code to order cup holders with L or T-type fitting.

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Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

MINI CUP HOLDERS FOR BELLOW CUPS

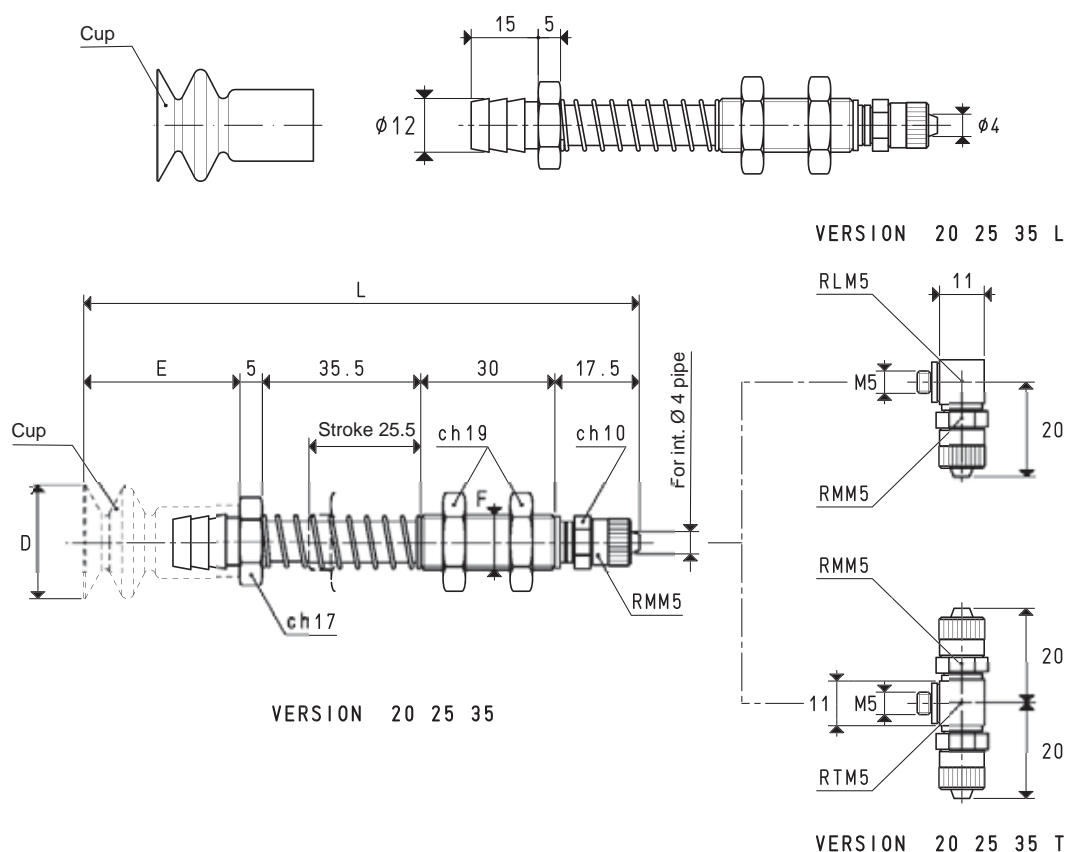


CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	C	d Ø	D Ø	E	F Ø	L	Cup art.	Weight g
20 20 23	0.78	5	8.5	20	23	M12 x 1.25	111	01 20 23	73.8
20 22 19	0.95	5	8.5	22	19	M12 x 1.25	107	01 22 19	74.7
20 34 26	2.26	5	8.5	34	26	M12 x 1.25	114	01 34 26	77.7

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L or T to the code to order cup holders with L or T-type fitting.



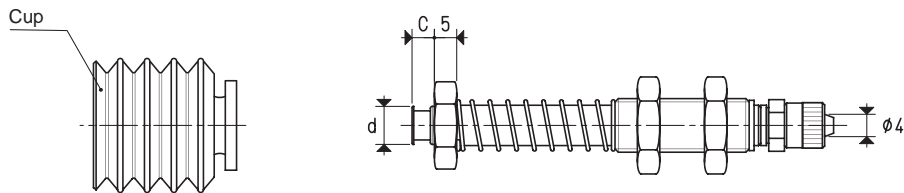


CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	D	E	F Ø	L	Cup art.	Weight g
20 25 35	1.23	25	24	M12 x 1.25	112	01 25 35	79

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L or T to the code to order cup holders with L or T-type fitting.

100



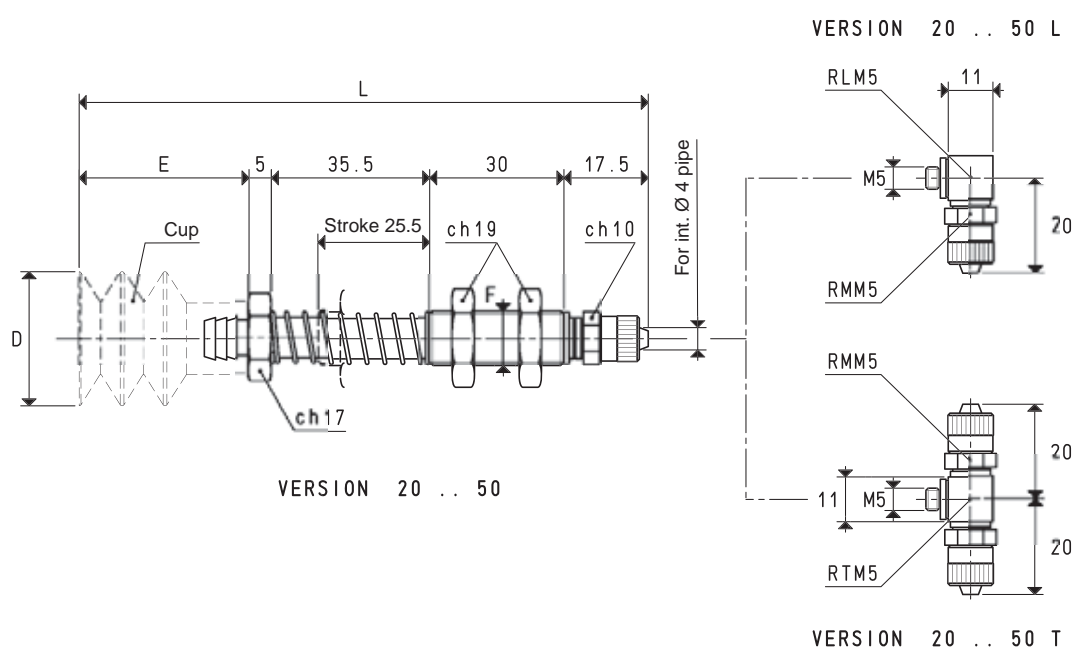
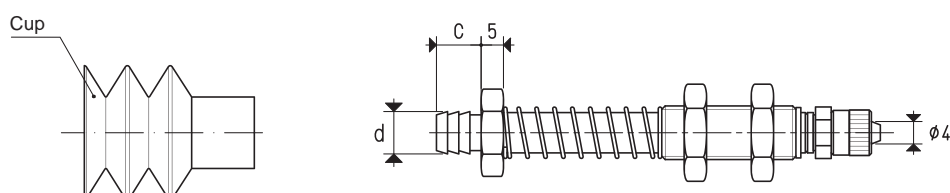
Art.	Force Kg	C	d Ø	D Ø	E	F Ø	L	Cup art.	Weight g
20 30 32	1.76	7.5	10	30	32	M12 x 1.25	120	01 30 32	79.6
20 40 42	3.14	7.5	10	40	42	M12 x 1.25	130	01 40 42	85.6
20 43 28	3.62	7.5	10	43	28	M12 x 1.25	116	01 43 28	83.0

2.14



MINI CUP HOLDERS FOR BELLOW CUPS

2



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	C	d Ø	D Ø	E	F Ø	L	Cup art.	Weight g
20 30 50	1.76	10	9.5	30	38	M12 x 1.25	126	01 30 50	81.6
20 40 50	3.14	10	9.5	40	23	M12 x 1.25	111	01 40 50	78.6

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L or T to the code to order cup holders with L or T-type fitting.

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

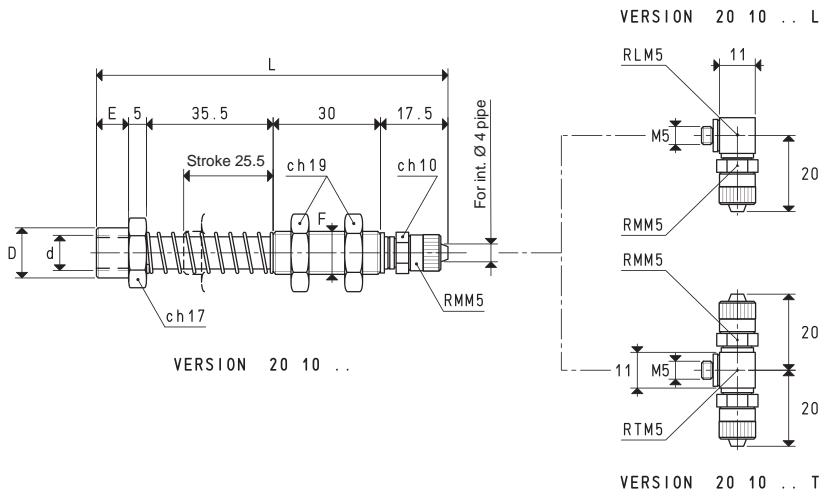
3D drawings available at www.vuototecnica.net

2.15

2

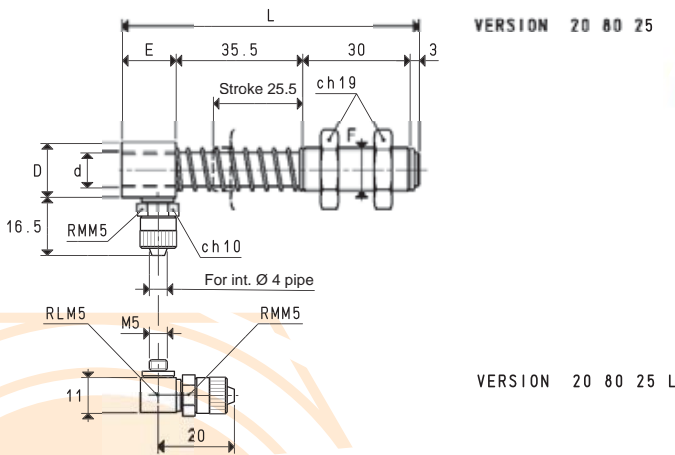
MINI CUP HOLDERS FOR CUPS WITH SUPPORT

The cup holders described in these pages share the same features as the previously described ones, but differ for their brass stem, which has 1/8" and 1/4" gas threaded female connection, for the exclusive installation of cups with male threaded support and for the vacuum connection, which can either be radial or axial.



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6						
Art.	d Ø	D Ø	E	F Ø	L	Weight g
20 10 38	G1/8"	14.0	9	M12 x 1.25	97	78
20 10 48	G1/4"	16.5	9	M12 x 1.25	97	78

Note: Add the letter L or T to the code to order cup holders with L or T-type fitting.



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6						
Art.	d Ø	D Ø	E	F Ø	L	Weight g
20 80 25	G1/8"	15	15	M12 x 1.25	83.5	82

Note: Add the letter L to the code to order L-type fittings.



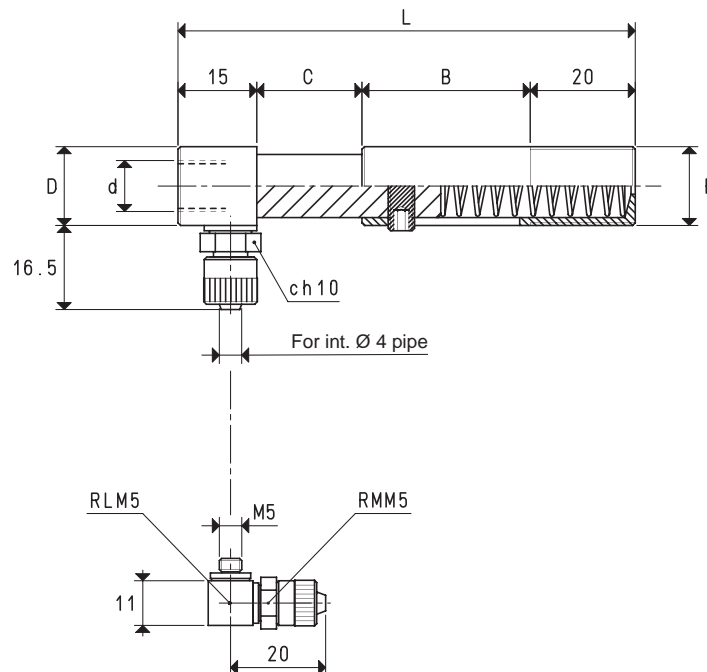
MINI CUP HOLDERS WITH IN-BUILT SPRING

For a further bulk and weight reduction, as well as to meet the requirements of discharge machines for plastic moulding presses manufacturers, these cup holders are made with an in-built spring and an anodised aluminium cup fixing stem. Also these cup holders allow the installation of cups with male threaded support only. The particular shape of the brass drive bush for fastening the cup holder to the machine prevents any rotation of the stem and, therefore, of the cup. The vacuum connection is radial.

2



VERSION 20 80 ..



VERSION 20 80 .. L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	B	C stroke	d Ø	D Ø	F Ø	L	Weight g
20 80 15	22	15	G1/8"	15	M10 x 0.75	72	26
20 80 20	32	20	G1/8"	15	M15 x 1.00	87	42

Note: Add the letters FC to the code to order chromed iron cup holders.

Note: Add the letter L to the code to order cup holders with L-type fittings.

3D drawings available at www.vuototecnica.net

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

2.17



2



100%

They are particularly suited for small cups to be manually assembled with diameters ranging between 10 and 30 mm.



Art.	Force Kg	B stroke	C	E	F Ø	L	Cup art.	Weight g
20 07 13	0.09	12.4	15	23	M12 x 1.25	53	01 07 13	56.6

2.18

Conversion ratio: $\text{inch} = \frac{\text{mm}}{25.4}$; $\text{pounds} = \frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

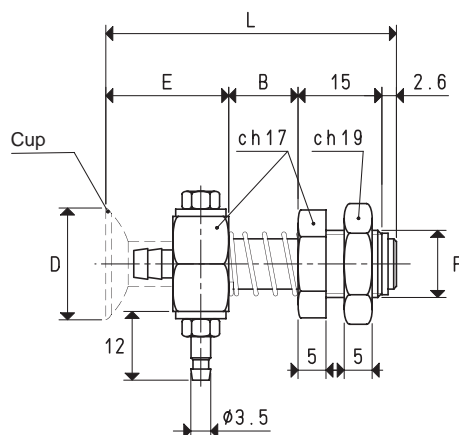
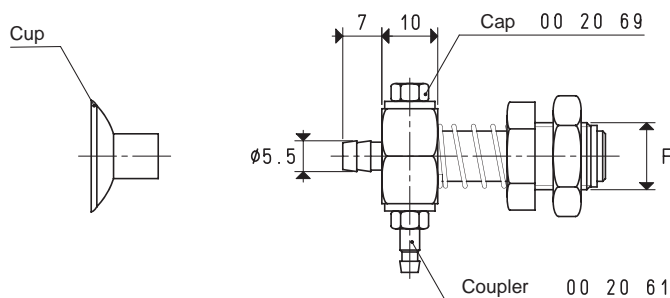


MINI CUP HOLDERS WITH COMPACT STROKE

2



VERSION 20 .. 10



CUP HOLDERS WITH STRAIGHT COUPLER FOR PLASTIC HOSE

Art.	Force Kg	B stroke	D Ø	E	F Ø	L	Cup art.	Weight g
20 10 10	0.19	12.4	10	21	M12 x 1.25	51	01 10 10	56.0
20 12 10	0.28	12.4	12	21	M12 x 1.25	51	01 12 10	56.6
20 15 10	0.44	12.4	15	22	M12 x 1.25	52	01 15 10	56.7
20 18 10	0.63	12.4	18	22	M12 x 1.25	52	01 18 10	56.7
20 20 10	0.78	12.4	20	22	M12 x 1.25	52	01 20 10	56.8
20 22 10	0.95	12.4	22	23	M12 x 1.25	53	01 22 10	57.2

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

3D drawings available at www.vuototecnica.net

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

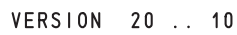
2.19



2



100



Art.	Force Kg	B stroke	D Ø	E	F Ø	L	Cup art.	Weight g
20 25 10	1.23	12.4	25	26	M12 x 1.25	56	01 25 15	58.0
20 30 10	1.76	12.4	30	26	M12 x 1.25	56	01 30 15	58.7

2.20



MINI CUP HOLDERS WITH BUILT-IN BUSH

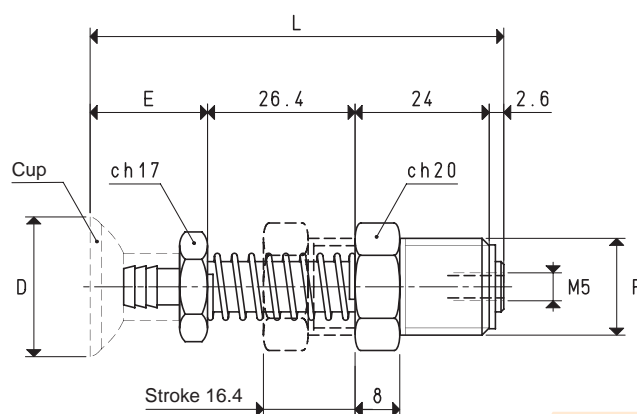
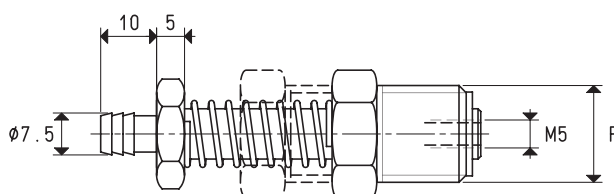
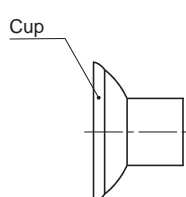


The reduced size and the particular shape of these cup holders allow them to be directly assembled to the vacuum manifold, saving time and eliminating pipes and fittings.

The hexagonal bush, for the cup holder assembly with the vacuum manifold, is equipped with a seal. It's function is to guide and seal the brass cup fixing stem.

2

VERSION 20 ... 11



Art.	Force Kg	D Ø	E	F Ø	L	Cup art.	Weight g
20 25 11	1.23	25	21	G3/8"	74	01 25 15	70.0
20 30 11	1.76	30	22	G3/8"	75	01 30 15	70.7

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

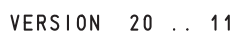
Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$

3D drawings available at www.vuototecnica.net

2.21

2

Figure 1



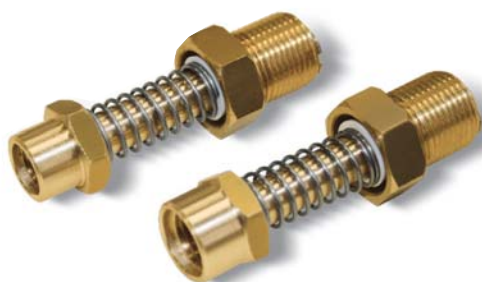
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Conversion ratio: $\text{inch} = \frac{\text{mm}}{25.4}$; $\text{pounds} = \frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

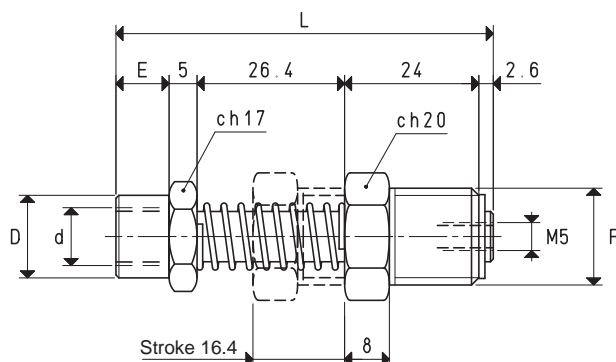


MINI CUP HOLDERS WITH BUILT-IN BUSH, WITH FEMALE THREADED CONNECTOR

2



VERSION 20 . . 11

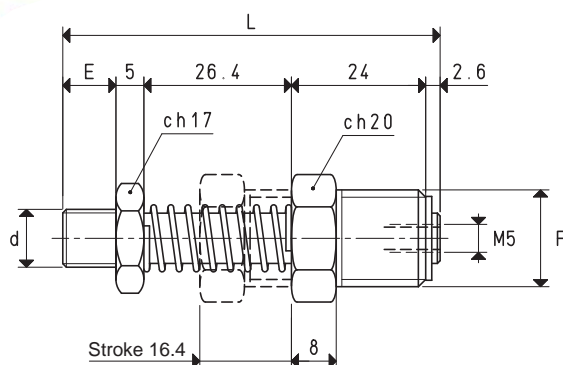


Art.	d Ø	D Ø	E	F Ø	L	Weight g
20 08 11	G1/8"	14.0	9	G3/8"	67	74
20 10 11	G1/4"	16.5	9	G3/8"	67	73

MINI CUP HOLDERS WITH BUILT-IN BUSH, WITH MALE THREADED CONNECTOR



VERSION 20 . . 11 M



Art.	d Ø	E	F Ø	L	Weight g
20 08 11 M	G1/8"	8	G3/8"	66	75
20 10 11 M	G1/4"	10	G3/8"	68	74

3D drawings available at www.vuototecnica.net

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$

GAS-NPT thread adapters available at page 1.117

2.23

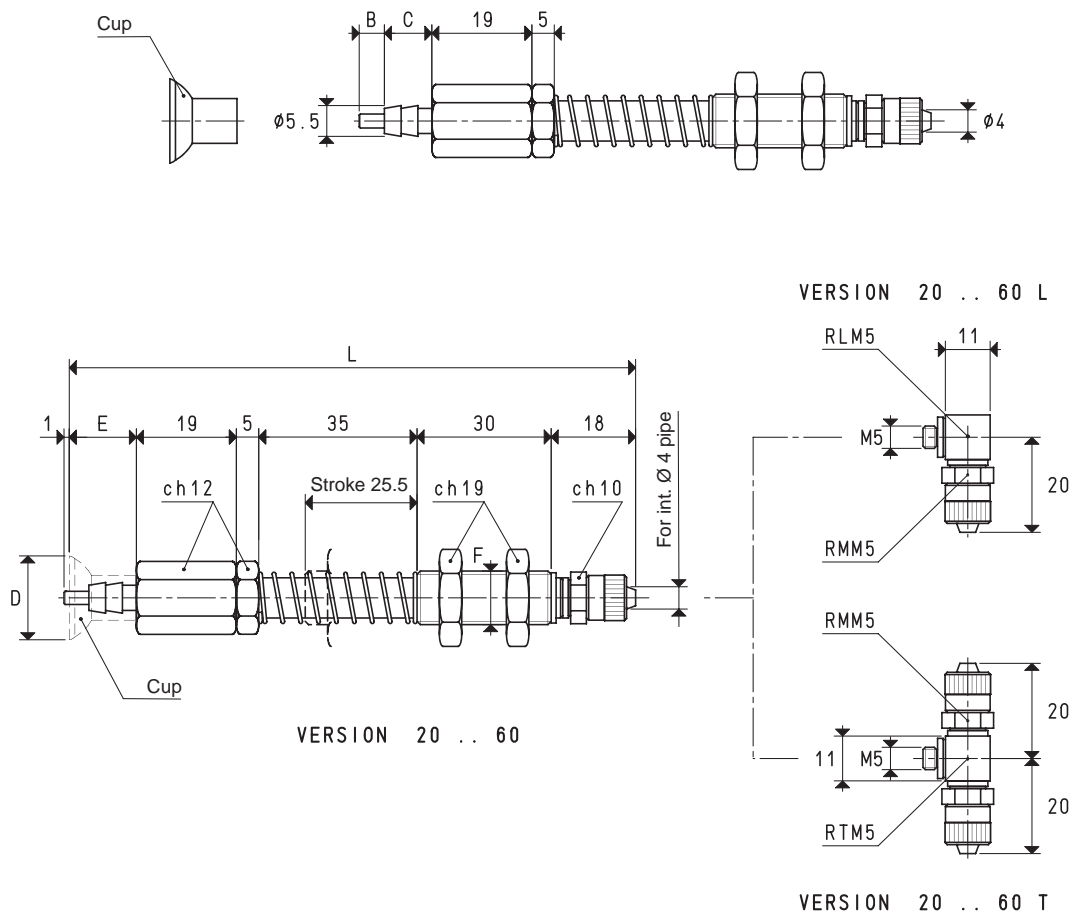
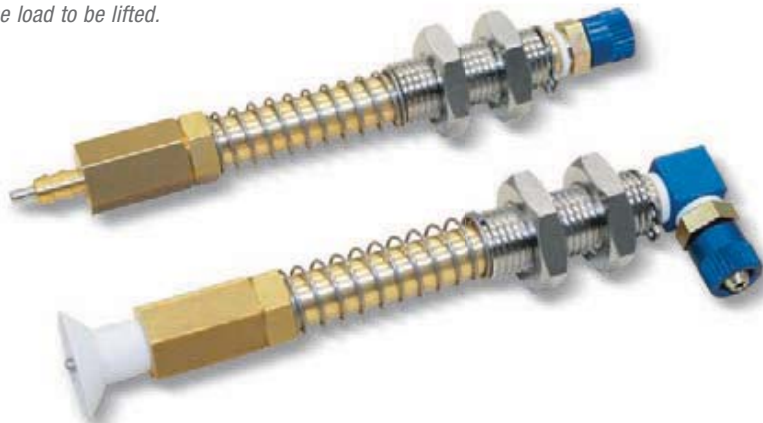


2



MINI CUP HOLDERS WITH PLUNGER VALVE

They share the same mechanical features at the other mini cup holders.
Their distinctive feature is the plunger valve solidly connected to a conical spear valve, which activates suction, and therefore creates vacuum, only when the cup comes into contact with the load to be lifted.



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

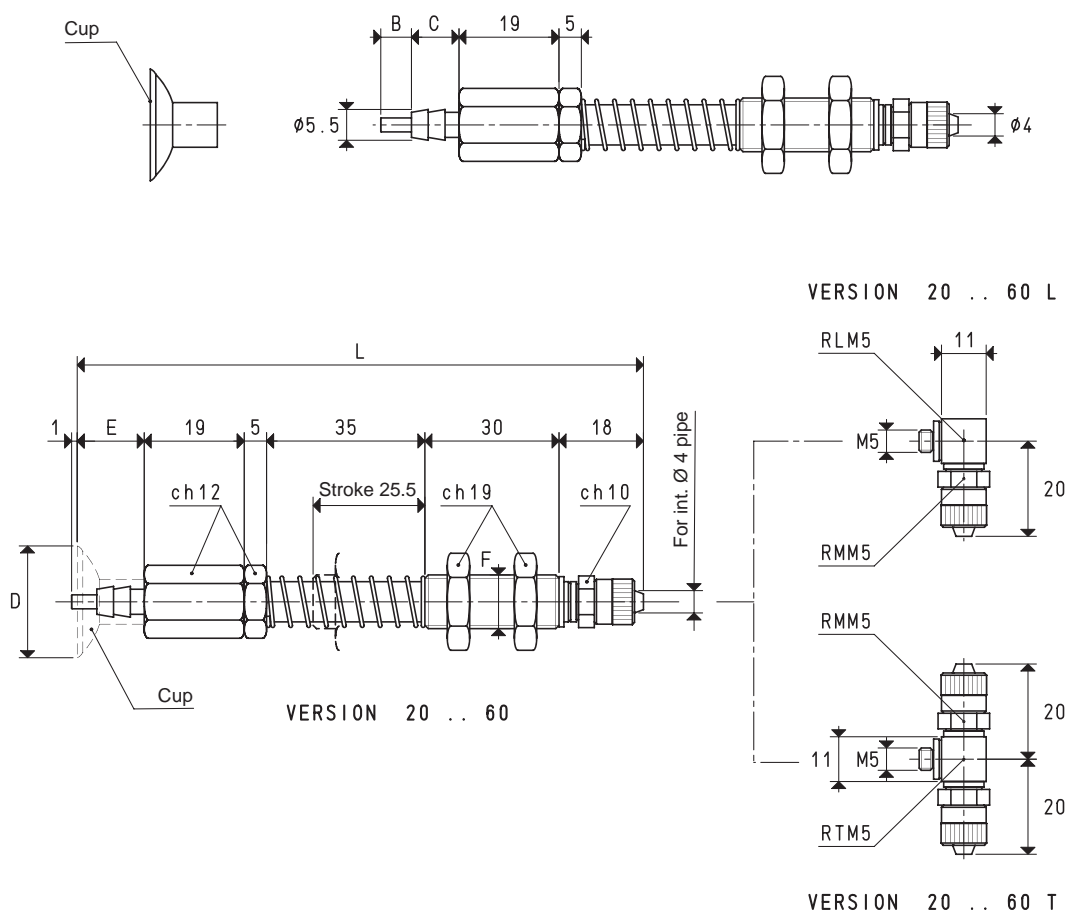
Art.	Force Kg	B	C	D Ø	E	F Ø	L	Cup art.	Weight g
20 12 60	0.28	4.5	8.5	12	11	M12 x 1.25	118	01 12 10	78.6
20 15 60	0.44	4.5	8.5	15	12	M12 x 1.25	119	01 15 10	78.7
20 18 60	0.63	4.5	8.5	18	12	M12 x 1.25	119	01 18 10	78.7

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L or T to the code to order cup holders with L or T-type fitting.



MINI CUP HOLDERS WITH PLUNGER VALVE

2



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	B	C	D Ø	E	F Ø	L	Cup art.	Weight g
20 20 60	0.78	5.5	8.5	20	12	M12 x 1.25	119	01 20 10	80.8
20 22 60	0.95	5.5	8.5	22	13	M12 x 1.25	120	01 22 10	81.2

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L or T to the code to order cup holders with L or T-type fitting.

3D drawings available at www.vuototecnica.net

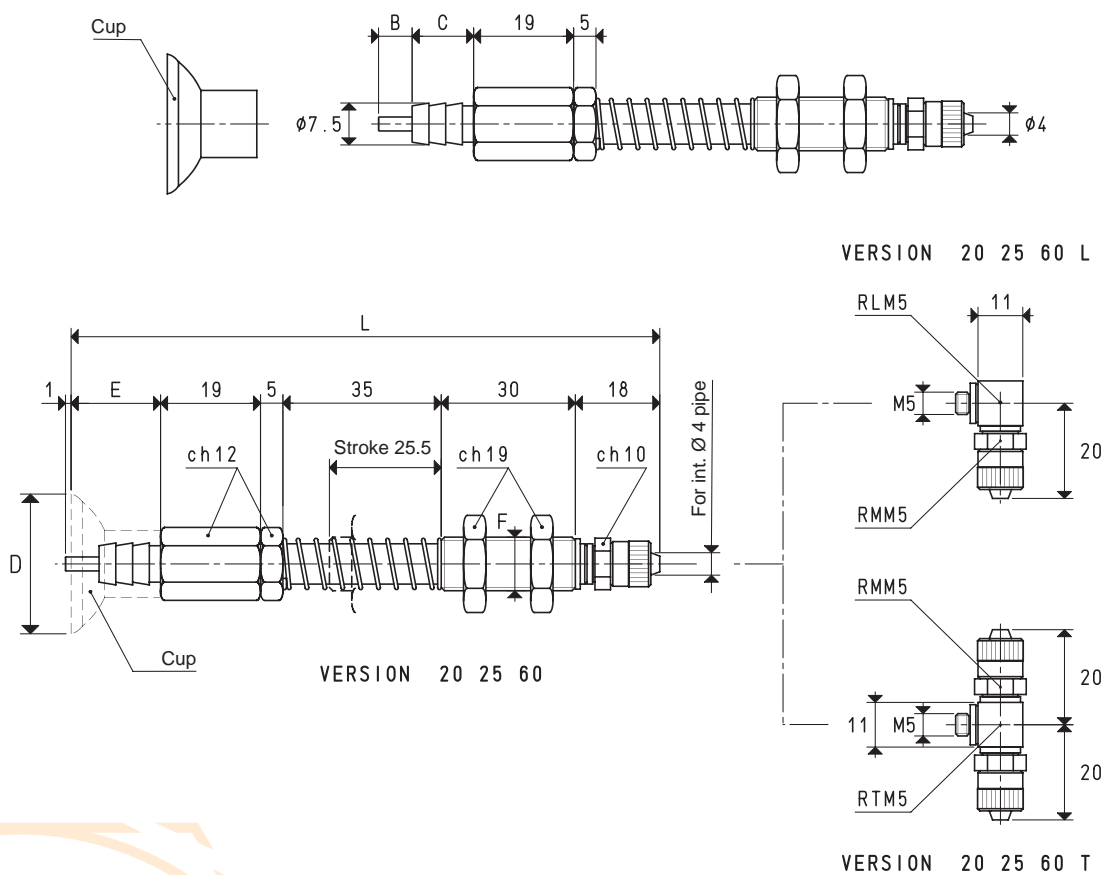
Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

2.25



2

MINI CUP HOLDERS WITH PLUNGER VALVE



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	B	C	D Ø	E	F Ø	L	Cup art.	Weight g
20 25 60	1.23	6	11	25	16	M12 x 1.25	123	01 25 15	84

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L or T to the code to order cup holders with L or T-type fitting.

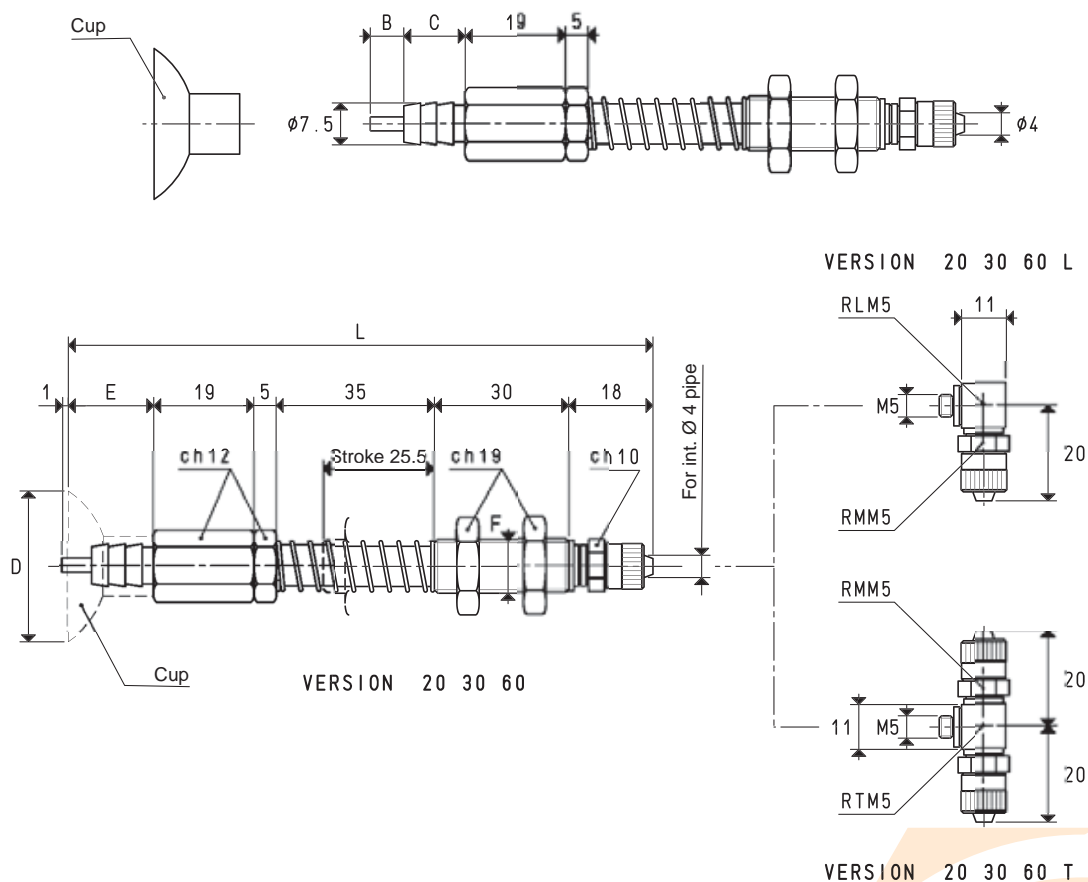
2.26

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$



2





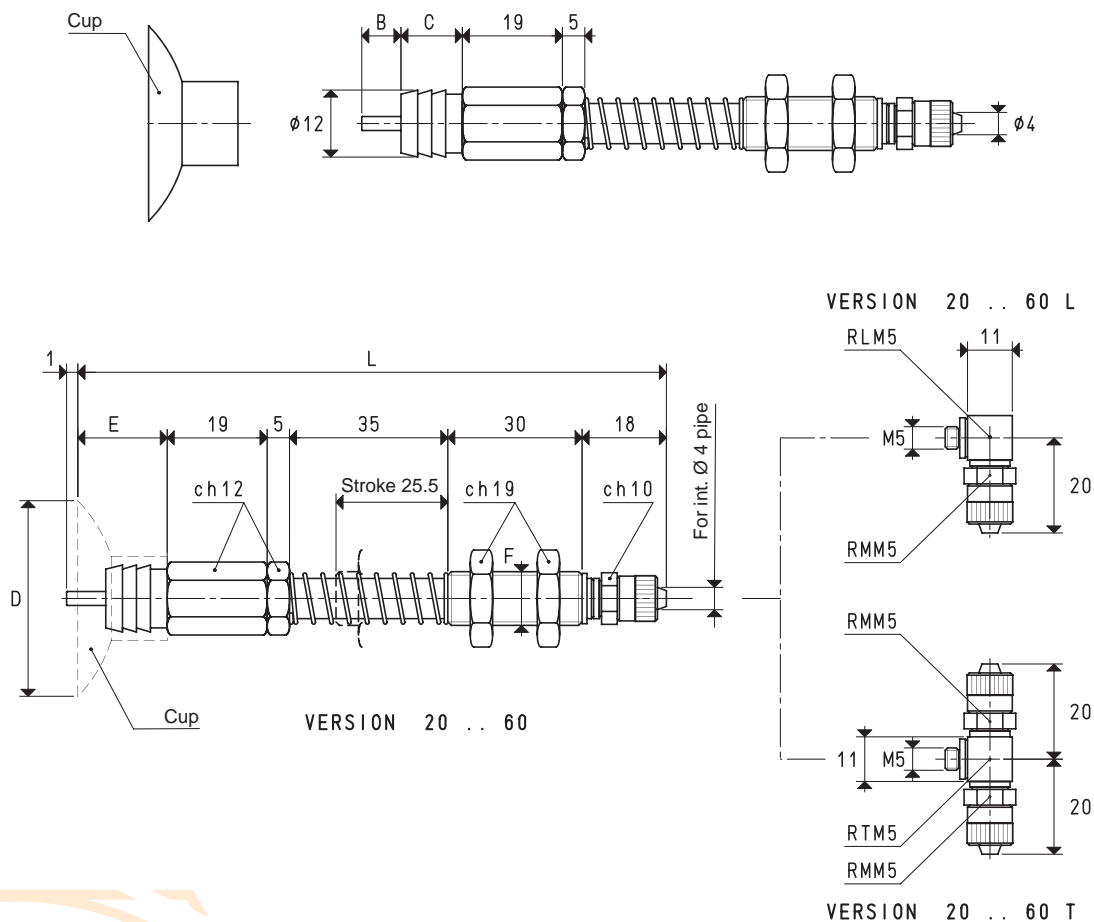
CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	B	C	D Ø	E	F Ø	L	Cup art.	Weight g
20 30 60	1.76	7	11	30	17	M12 x 1.25	124	01 30 15	86.7

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L or T to the code to order cup holders with L or T-type fitting.

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

MINI CUP HOLDERS WITH PLUNGER VALVE




CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	B	C	D Ø	E	F Ø	L	Cup art.	Weight g
20 35 60	2.40	7	11	35	16	M12 x 1.25	123	01 35 15	90.6
20 40 60	3.14	7	11	40	18	M12 x 1.25	125	01 40 15	91.1

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L or T to the code to order cup holders with L or T-type fitting.

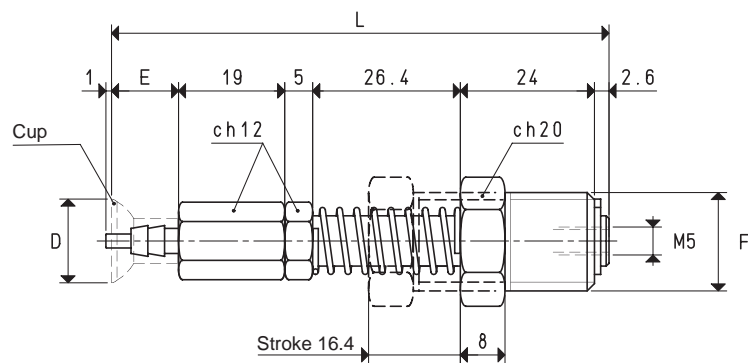


2



Technical drawing of a mechanical assembly. The drawing shows a side view of the assembly with the following dimensions and labels:

- Cup**: Label pointing to the flared end of the assembly.
- Ø5.5**: Dimension for the diameter of the central shaft.
- B**: Dimension for the length of the first section of the shaft.
- C**: Dimension for the length of the second section of the shaft.
- 19**: Dimension for the length of the third section of the shaft.
- 5**: Dimension for the length of the fourth section of the shaft.
- M5**: Dimension for the thread size of the nut.
- F**: Dimension for the total length of the assembly.



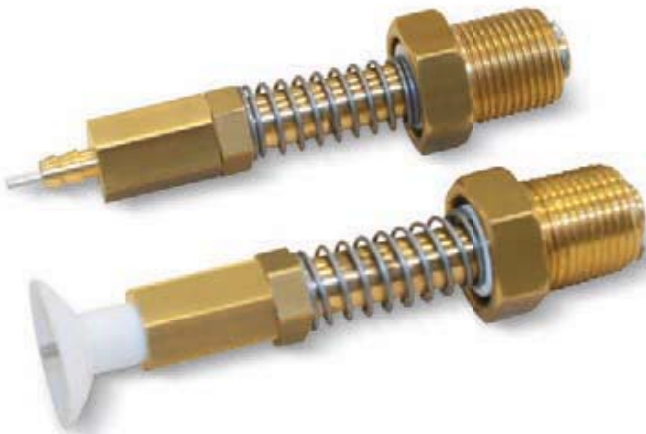
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

3D drawings available at www.vuototecnica.net

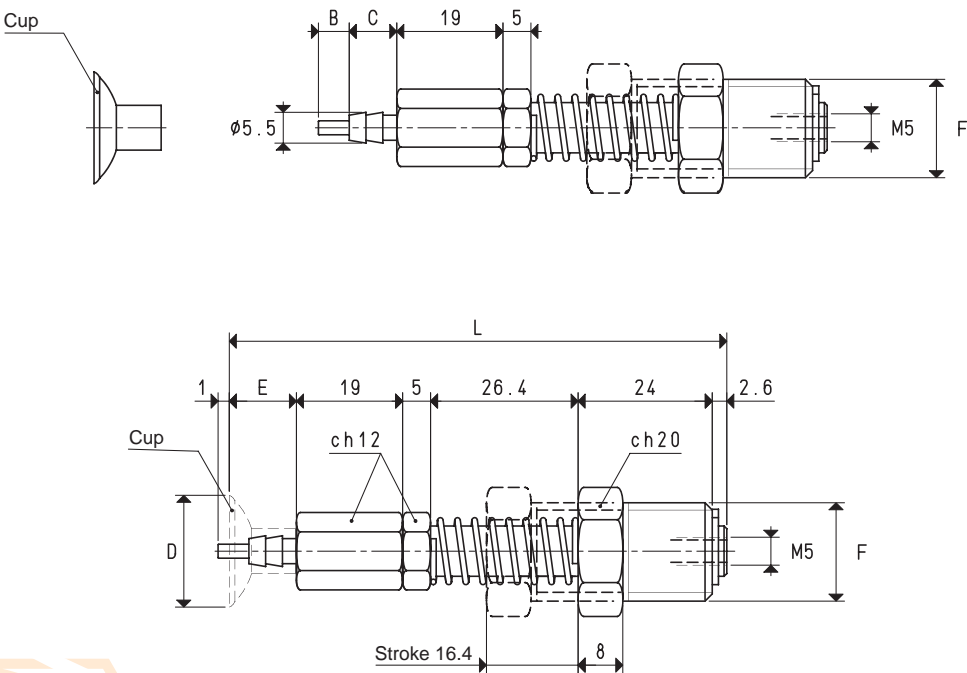
2.29



MINI CUP HOLDERS WITH PLUNGER VALVE AND BUILT-IN BUSH



VERSION 20 .. 65



Art.	Force Kg	B	C	D Ø	E	F Ø	L	Cup art.	Weight g
20 20 65	0.78	5.5	8.5	20	12	G3/8"	89	01 20 10	76.8
20 22 65	0.95	5.5	8.5	22	13	G3/8"	90	01 22 10	77.2

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

2.30

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$

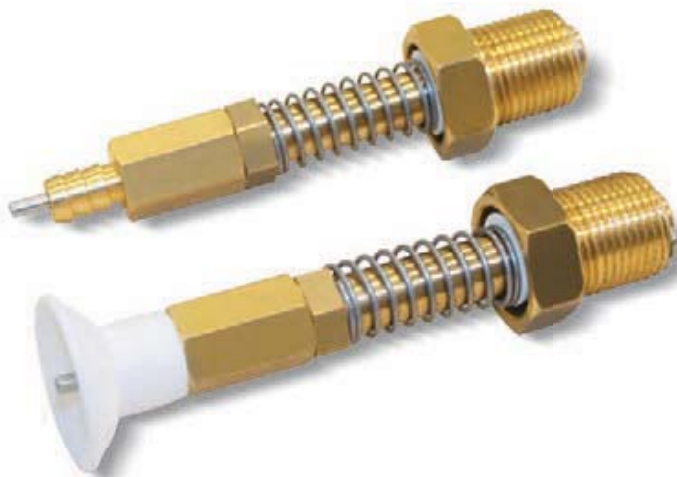


2

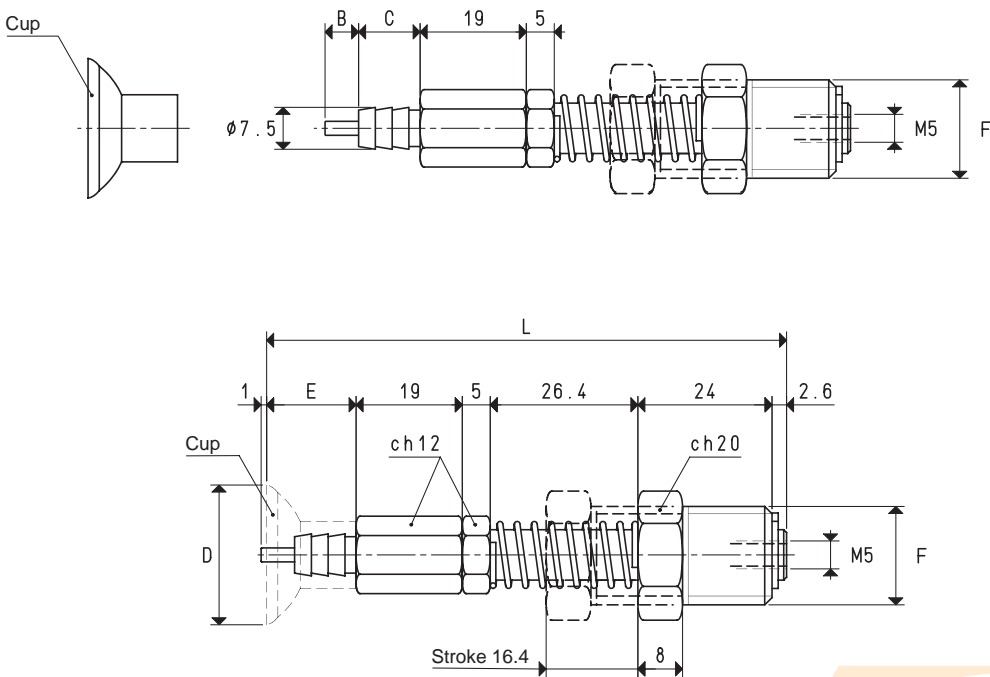


MINI CUP HOLDERS WITH PLUNGER VALVE AND BUILT-IN BUSH

2



VERSION 20 25 65



Art.	Force Kg	B	C	D Ø	E	F Ø	L	Cup art.	Weight g
20 25 65	1.23	6	11	25	16	G3/8"	93	01 25 15	80

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

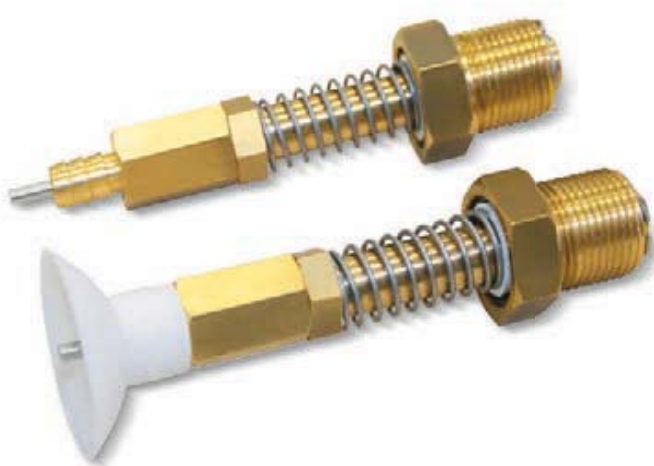
3D drawings available at www.vuototecnica.net

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

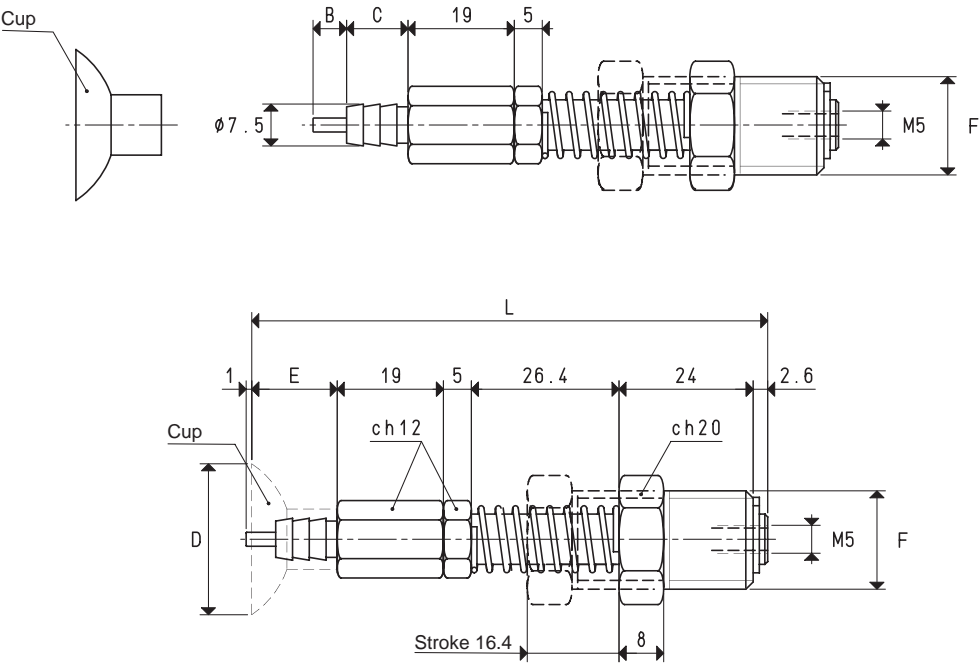
2.31

2

MINI CUP HOLDERS WITH PLUNGER VALVE AND BUILT-IN BUSH



VERSION 20 30 65



Art.	Force Kg	B	C	D Ø	E	F Ø	L	Cup art.	Weight g
20 30 65	1.76	7	11	30	17	G3/8"	94	01 30 15	82.7

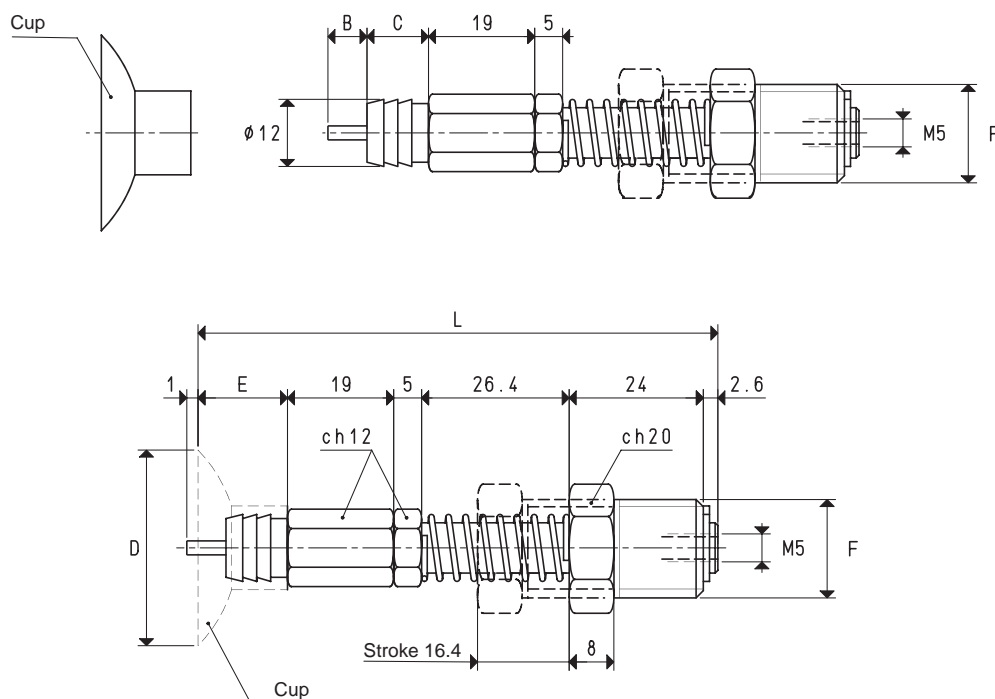
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.



MINI CUP HOLDERS WITH PLUNGER VALVE AND BUILT-IN BUSH



VERSION 20 .. 65



Art.	Force Kg	B	C	D Ø	E	F Ø	L	Cup art.	Weight g
20 35 65	2.40	7	11	35	16	G3/8"	93	01 35 15	82.6
20 40 65	3.14	7	11	40	18	G3/8"	95	01 40 15	83.1

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Conversion ratio: $\text{inch} = \frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

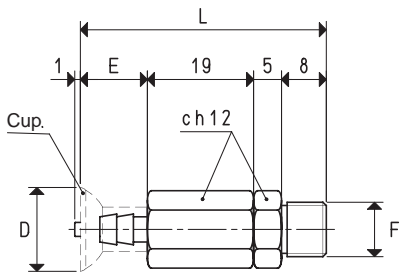
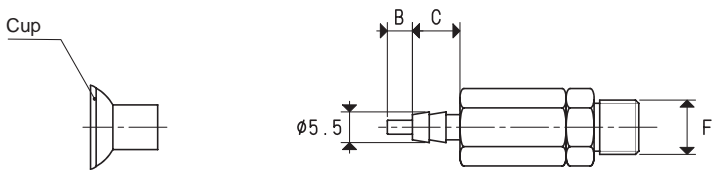


MINI CUP HOLDERS WITH PLUNGER VALVE, WITH NO SPRINGING

They have the same function as the mini cup holders with plunger valve but, for further bulk reduction, the cushioning spring, the threaded pipe with nuts for fixing to the machine and the quick coupler have been removed. This type of cup holders is to be directly assembled to the vacuum manifold. To allow a quick assembly, its end is provided with a threaded male shank.



VERSION 20 .. 61



Art.	Force Kg	B	C	D Ø	E	F Ø	L	Cup art.	Weight g
20 12 61	0.28	4.5	8.5	12	11	G1/8"	43	01 12 10	24.6
20 15 61	0.44	4.5	8.5	15	12	G1/8"	44	01 15 10	24.7
20 18 61	0.63	4.5	8.5	18	12	G1/8"	44	01 18 10	24.7

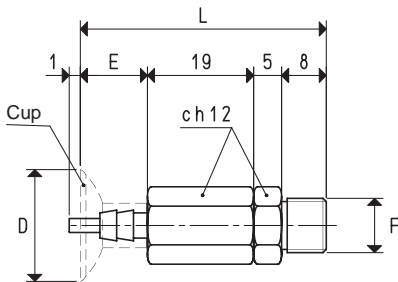
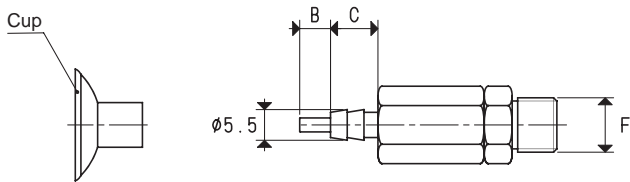
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.



MINI CUP HOLDERS WITH PLUNGER VALVE, WITH NO SPRINGING



VERSION 20 .. 61



Art.	Force Kg	B	C	D Ø	E	F Ø	L	Cup art.	Weight g
20 20 61	0.78	5.5	8.5	20	12	G1/8"	44	01 20 10	26.8
20 22 61	0.95	5.5	8.5	22	13	G1/8"	45	01 22 10	27.2

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

3D drawings available at www.vuototecnica.net

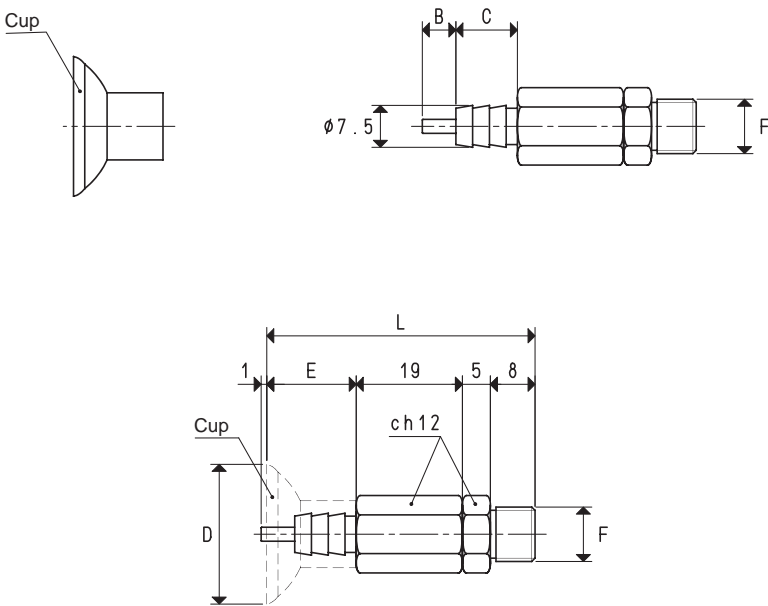
Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$



MINI CUP HOLDERS WITH PLUNGER VALVE, WITH NO SPRINGING



VERSION 20 25 61



Art.	Force Kg	B	C	D Ø	E	F Ø	L	Cup art.	Weight g
20 25 61	1.23	6	11	25	16	G1/8"	48	01 25 15	26

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.

2.36

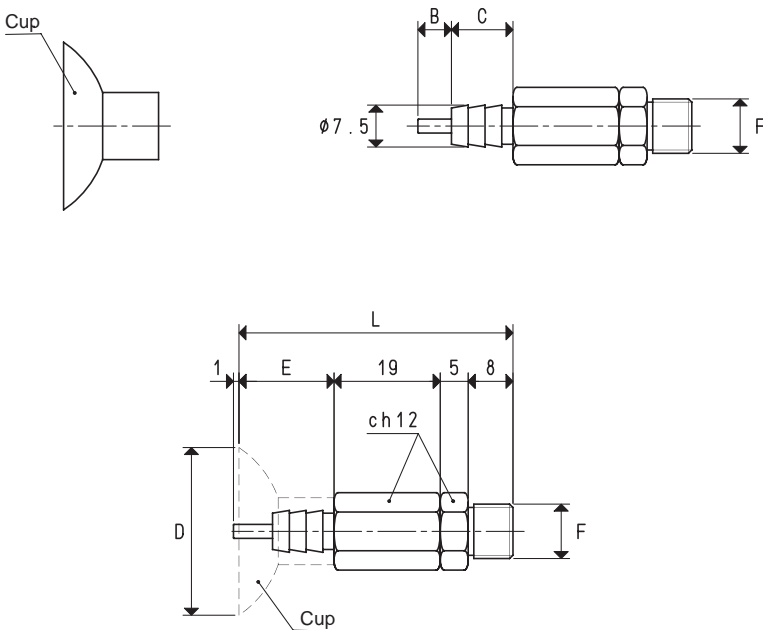
Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$



MINI CUP HOLDERS WITH PLUNGER VALVE, WITH NO SPRINGING



VERSION 20 30 61



Art.	Force Kg	B	C	D Ø	E	F Ø	L	Cup art.	Weight g
20 30 61	1.76	7	11	30	17	G1/8"	49	01 30 15	28.6

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

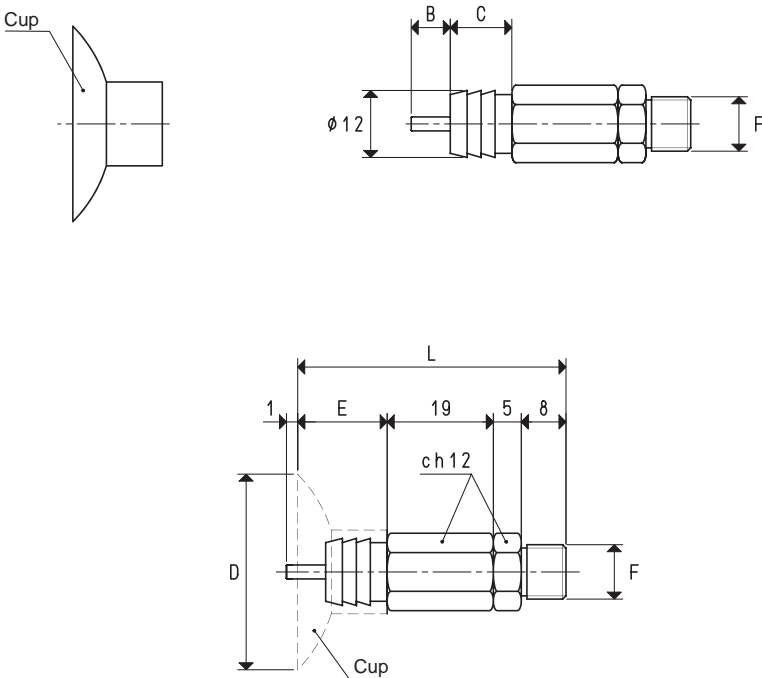
Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

3D drawings available at www.vuototecnica.net

MINI CUP HOLDERS WITH PLUNGER VALVE, WITH NO SPRINGING



VERSION 20 .. 61



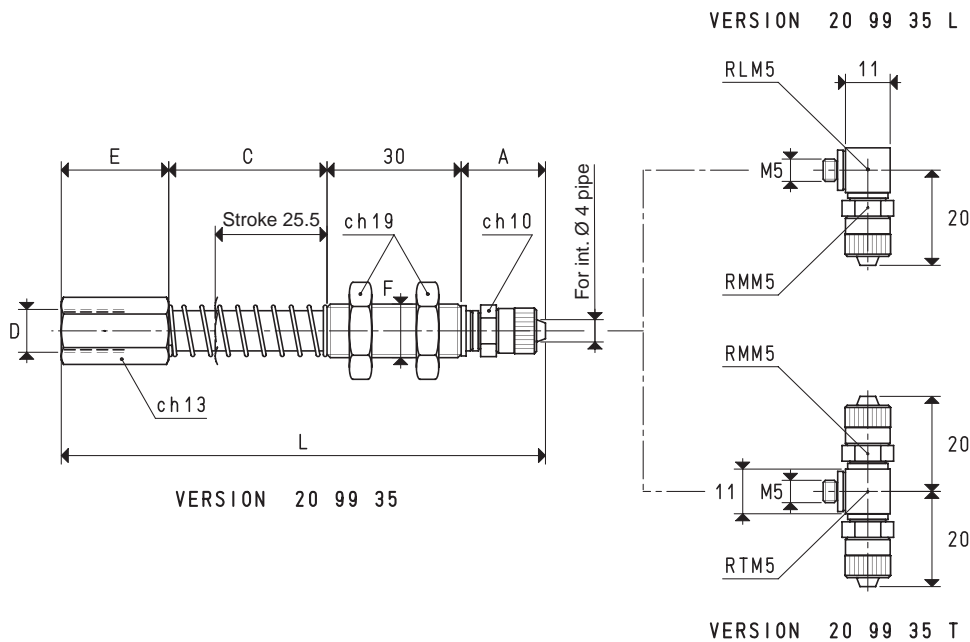
Art.	Force Kg	B	C	D Ø	E	F Ø	L	Cup art.	Weight g
20 35 61	2.40	7	11	35	16	G1/8"	48	01 35 15	34.6
20 40 61	3.14	7	11	40	18	G1/8"	50	01 40 15	35.1

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.



MINI CUP HOLDERS WITH BUILT-IN SHUT-OFF VALVE

The distinctive feature of these cup holders, that share all the technical features of the other mini cup holders, is the built-in shut-off valve. Its function is to deactivate suction when the cup is not on the surface of the load to be lifted, in case of a defective grip or in presence of a considerable transpiration, thus preventing reduction of the vacuum level on the other cups of the plant that are regularly gripping a load. All this results in a great advantage, since, with this system, the placement or the exclusion of the non-gripping cups is no longer binding. Cups with diameters ranging from 10 mm to 50 mm can be assembled onto these cup holders, as long as they are equipped with a 1/8" gas threaded male support.



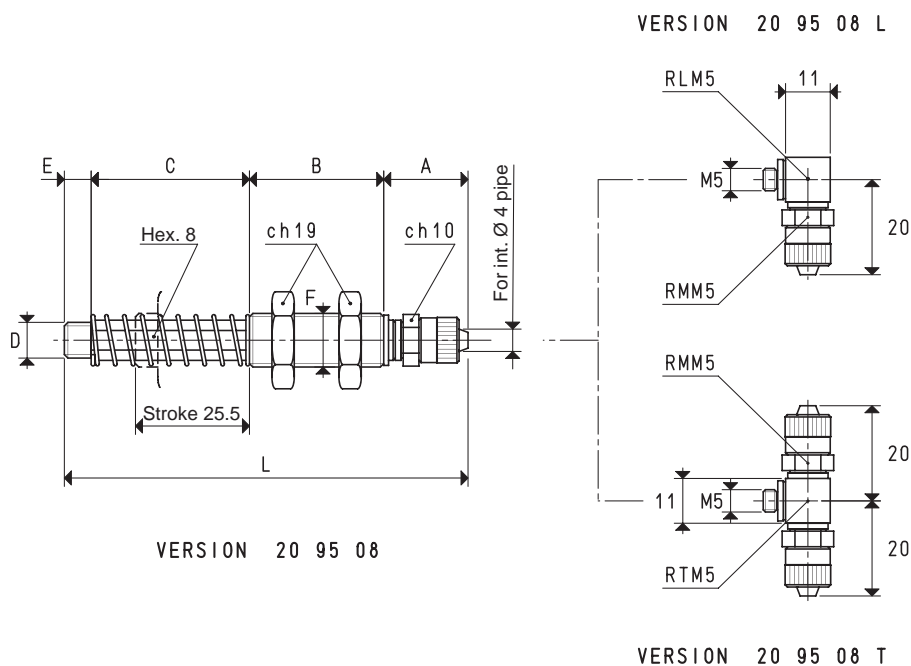
Art.	A	C	D	E	F	L	Weight
20 99 35	17.5	35.5	G1/8"	24	G1/8"	107	84

3D drawings available at www.vuototecnica.net

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

MINI ANTI-ROTATION CUP HOLDERS

The distinctive features of these cup holders are the brass stem with hexagonal section and the steel drive bush with hexagonal hole. This prevents the stem from rotating on its axis, and, as a consequence, also the cup and its support from rotating. They are suited for cups with male or female support with diameters ranging from 10 mm to 60 mm, but they have been specially designed for the installation of rectangular, concave and oval cups.



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	A	B	C	D	E	F	L	Weight
				Ø		Ø		g
20 95 08	17.5	30	35.5	M8	6	M12 x 1.25	83	58

Note: add the letter L or T to order cup holders with L-type or T-type fittings.

2.40

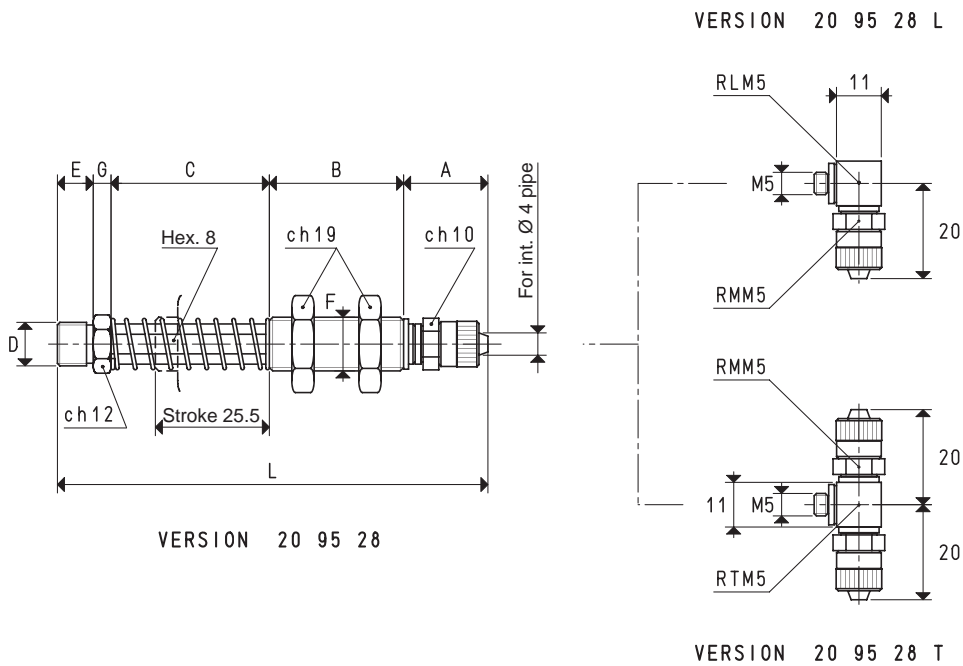
Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$



2



MINI ANTI-ROTATION CUP HOLDERS



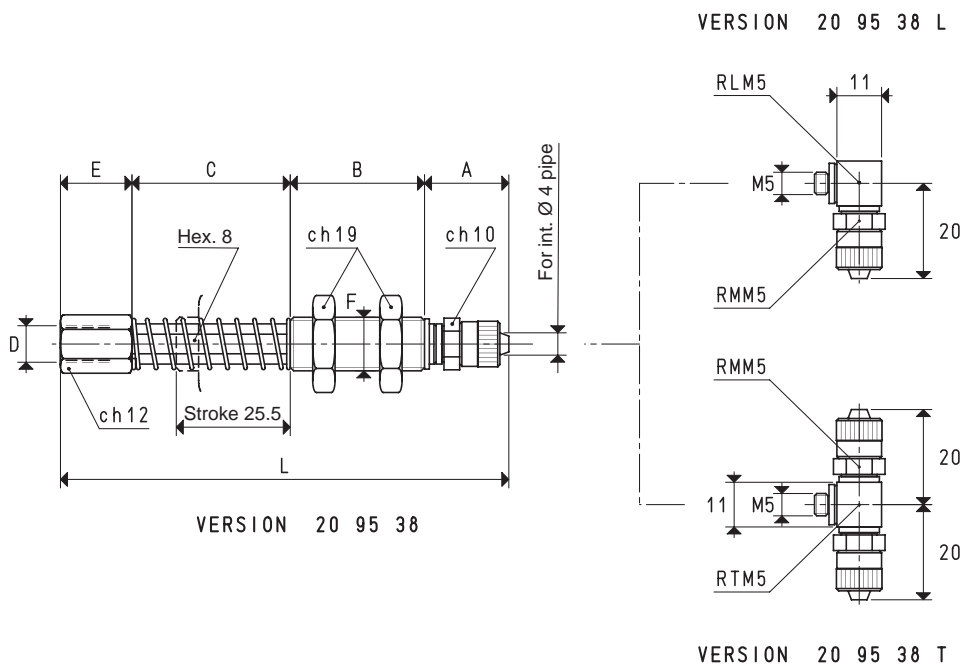
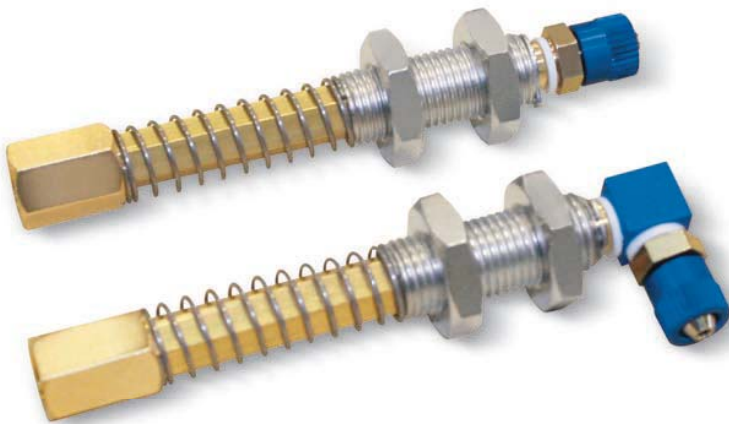
CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6									
Art.	A	B	C	D	E	F	G	L	Weight
20 95 28	17.5	30	35.5	G1/8"	8	M12 x 1.25	5	83	60

Note: add the letter L or T to order cup holders with L-type or T-type fittings.

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

3D drawings available at www.vuototecnica.net

MINI ANTI-ROTATION CUP HOLDERS



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

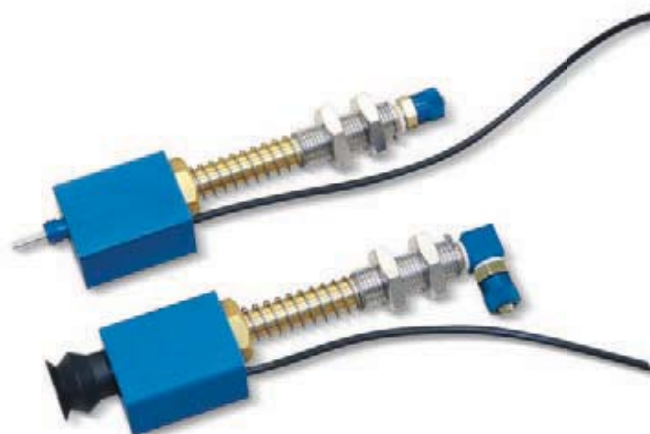
Art.	A	B	C	D	E	F	L	Weight
20 95 38	17.5	30	35.5	G1/8"	16	M12 x 1.25	83	68

Note: add the letter L or T to order cup holders with L-type or T-type fittings.

3D drawings available at www.vuototecnica.net



MINI CUP HOLDERS WITH MAGNETIC SENSOR

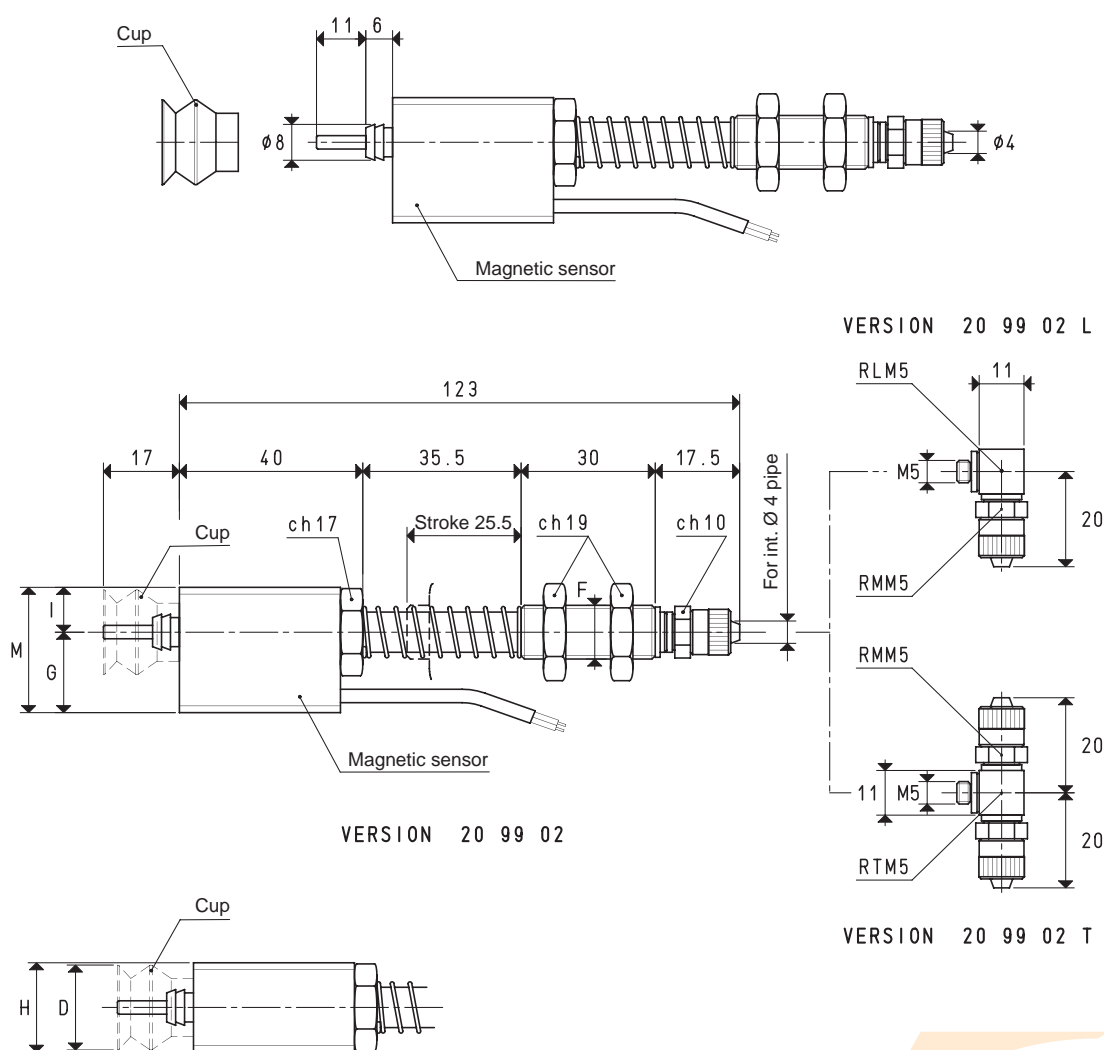


These cup holders share the same technical features of the other mini cup holders. Their distinctive feature is a magnetic sensor which provides an electric signal to the machine every time the vacuum cup grips the load to be handled.

This is the reason why they are recommended to be used on piece counter handlers, boxing machines and in all those cases in which the presence of the gripped object is to be guaranteed.

These cup holders have been designed for gripping chocolate bars, snacks, and similar products and they are currently made in the version represented in this page. However, they can be made with different vacuum cups upon request.

2



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	D Ø	F Ø	G	H	I	M	Cup art.	Weight g
20 99 02	0.70	19	M12 x 1.25	18	20	10	28	01 19 17	163.3

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L or T to order cup holders with L-type or T-type fittings.

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

2.43

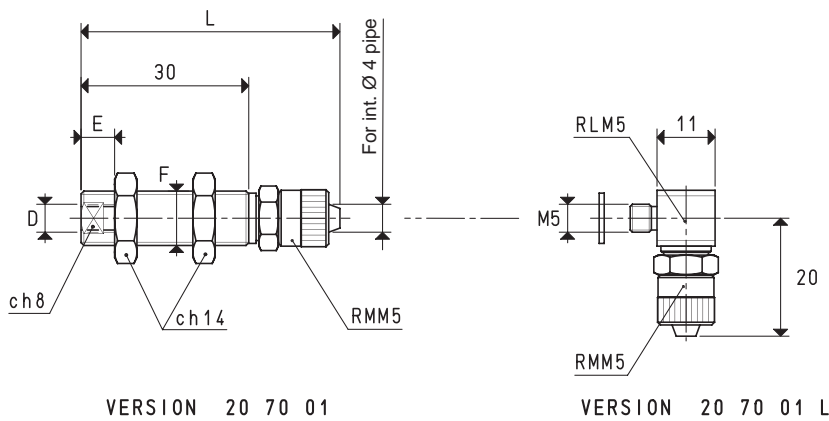


2



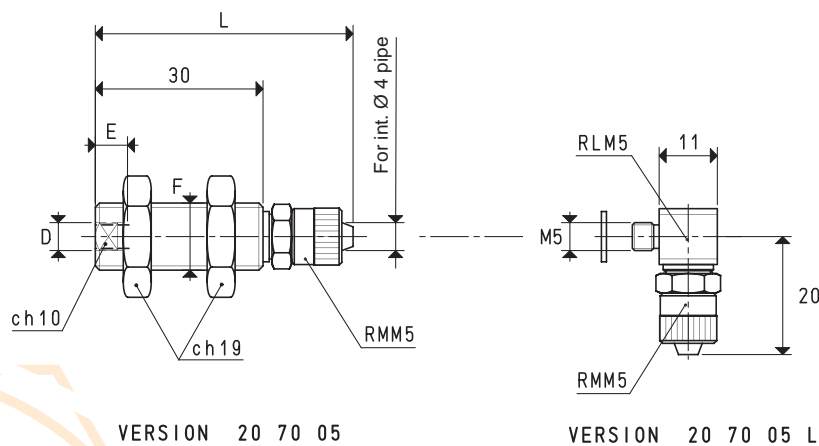
MINI CUP HOLDERS FIX

They are simply nickel-plated brass threaded bushes with screwing nuts for height adjustment and with threaded ends, one to assemble the vacuum cup with support and the other for the quick coupling connecting the suction hose.



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6					
Art.	D Ø	E	F Ø	L	Weight g
20 70 01	M5	6	G1/8"	46	19

Note: Add the letter L to the code to order L-type fittings.



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6					
Art.	D Ø	E	F Ø	L	Weight g
20 70 05	M5	6	M12 x 1.25	50	45

Note: Add the letter L to the code to order L-type fittings.

BASIC CUP HOLDERS

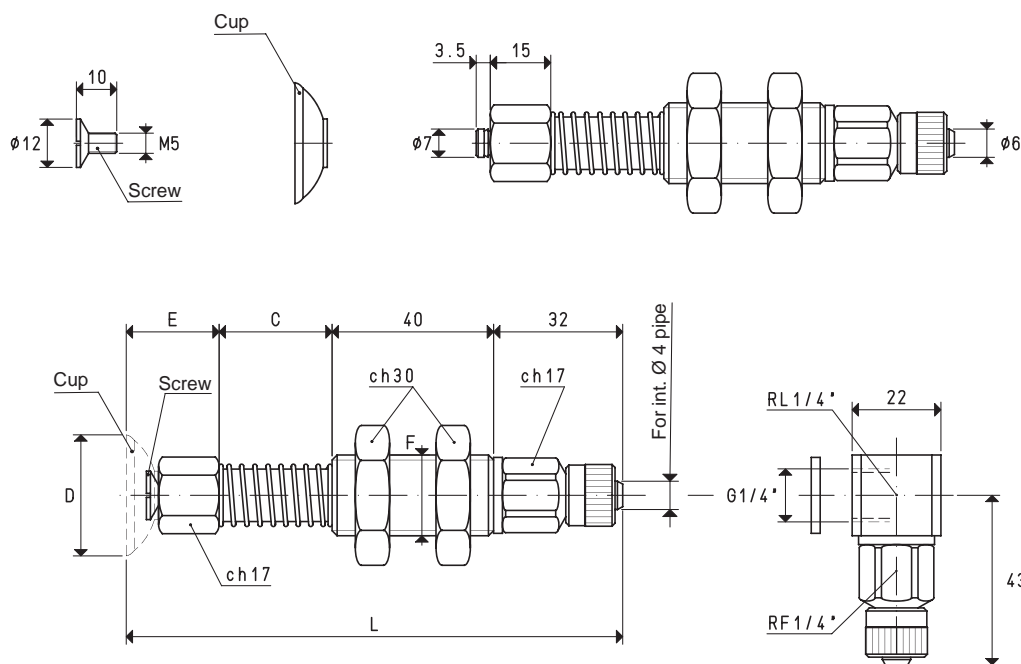
These cup holders are built in a simple and rational way, guaranteeing maximum sturdiness and duration.

They are composed of:

- A brass stem for fastening the cup;
- A steel threaded sleeve equipped with two hexagonal nuts for a quick assembly of the cup to the machine;
- A spring for cushioning the impact of the cup, as well as for maintaining a constant pressure with the load to be lifted;
- A quick coupling for the connection to the suction hose.

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 .. 10

VERSION 02 .. 10 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Screw included art.	C = 65 mm C = 95 mm		
									Weight g	Weight g	Weight g
02 25 10	1.23	28	25	23	M20	123	01 25 10	00 20 12	213.2	253.2	280.2
02 30 10	1.76	28	30	23	M20	123	01 30 10	00 20 12	213.9	253.9	280.9
02 35 10	2.40	28	35	23	M20	123	01 35 10	00 20 12	214.4	254.4	281.4

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

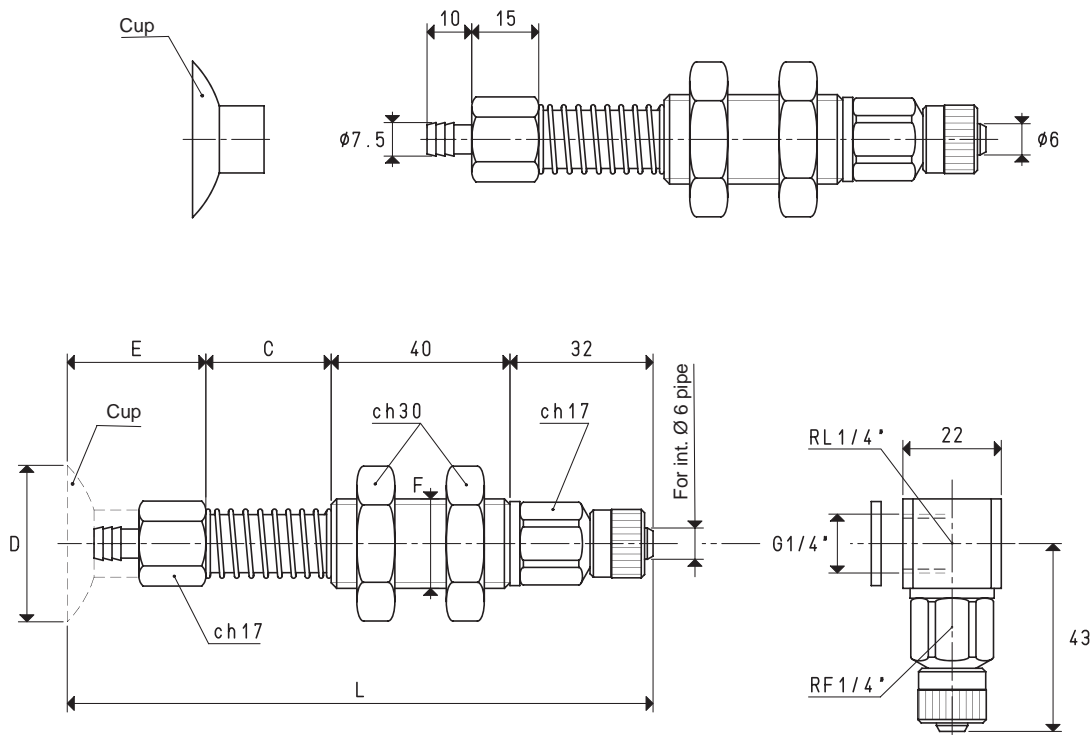
Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$



BASIC CUP HOLDERS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 . . 15

VERSION 02 . . 15 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8								C = 65 mm		C = 95 mm
Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Weight g	Weight g	Weight g
02 25 15	1.23	28	25	31	M20	131	01 25 15	216.0	270.0	287.0
02 30 15	1.76	28	30	32	M20	132	01 30 15	216.7	270.7	287.7

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm



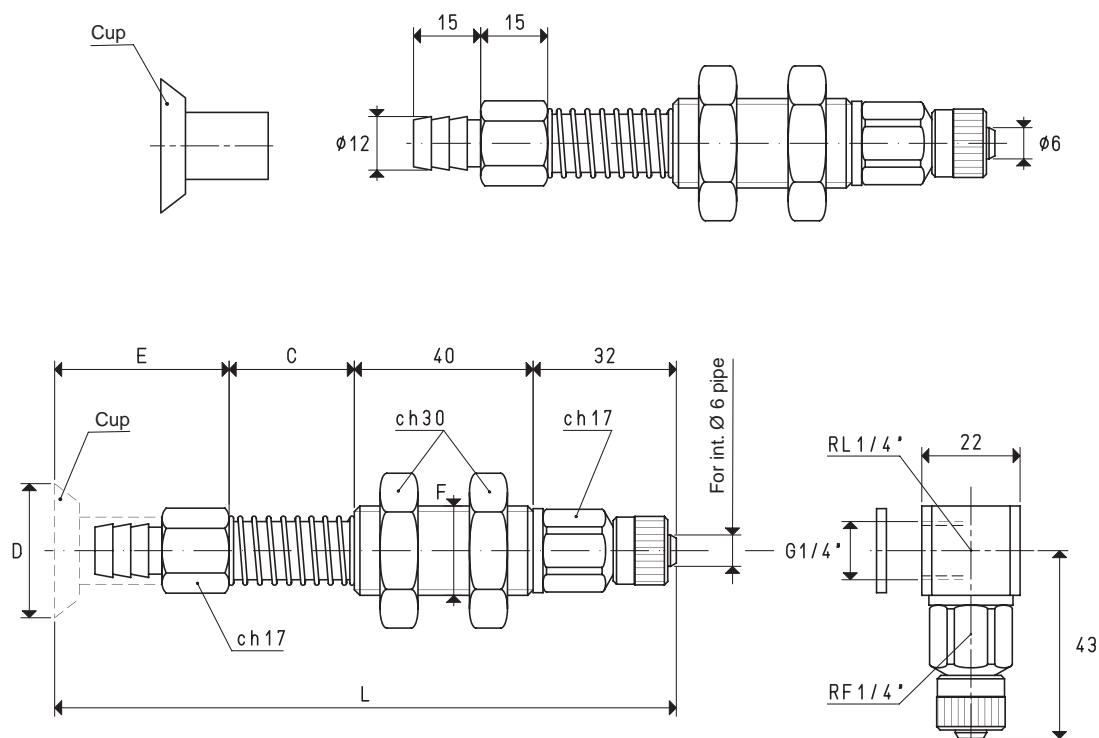
BASIC CUP HOLDERS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



2



VERSION 02 .. 24

VERSION 02 .. 24 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	C = 65 mm C = 95 mm		
								Weight g	Weight g	Weight g
02 27 24	1.43	28	27	39	M20	139	01 27 24	216.8	228.8	287.8
02 30 24	1.76	28	30	39	M20	139	01 30 24	216.9	228.9	287.9

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$



2



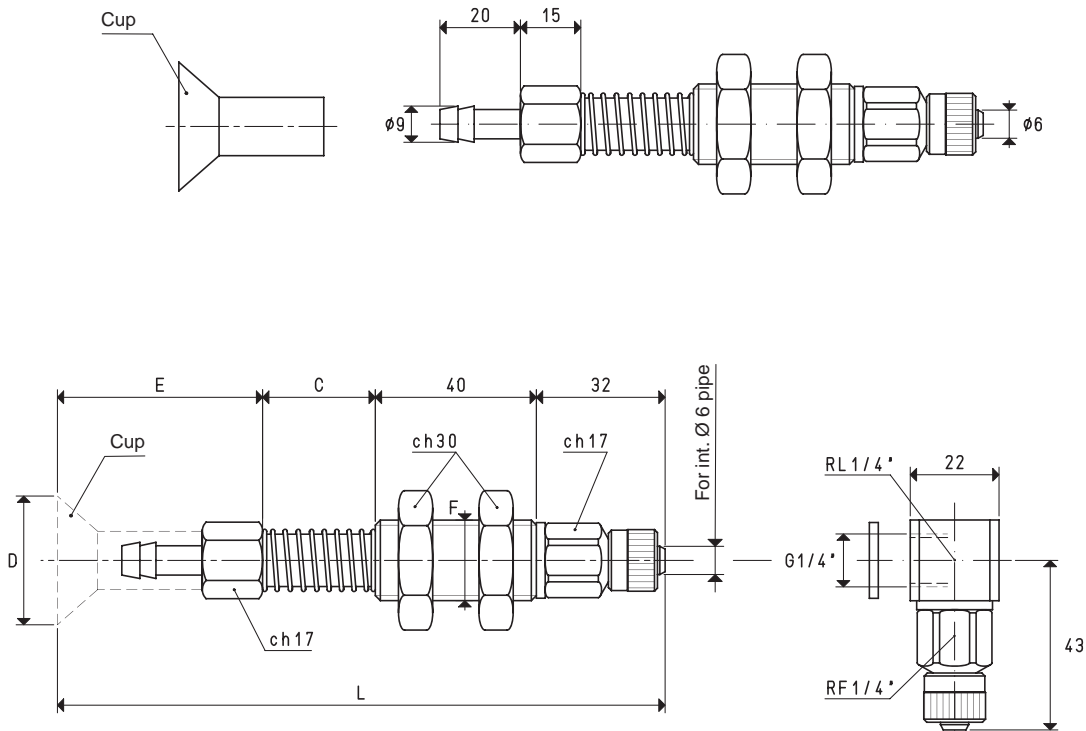
2.47

3D drawings available at www.vuototecnica.net

BASIC CUP HOLDERS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 32 36

VERSION 02 32 36 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8								C = 65 mm		C = 95 mm
Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Weight g	Weight g	Weight g
02 32 36	2.00	28	32	51	M20	151	01 32 36	221.1	269.1	289.1

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm



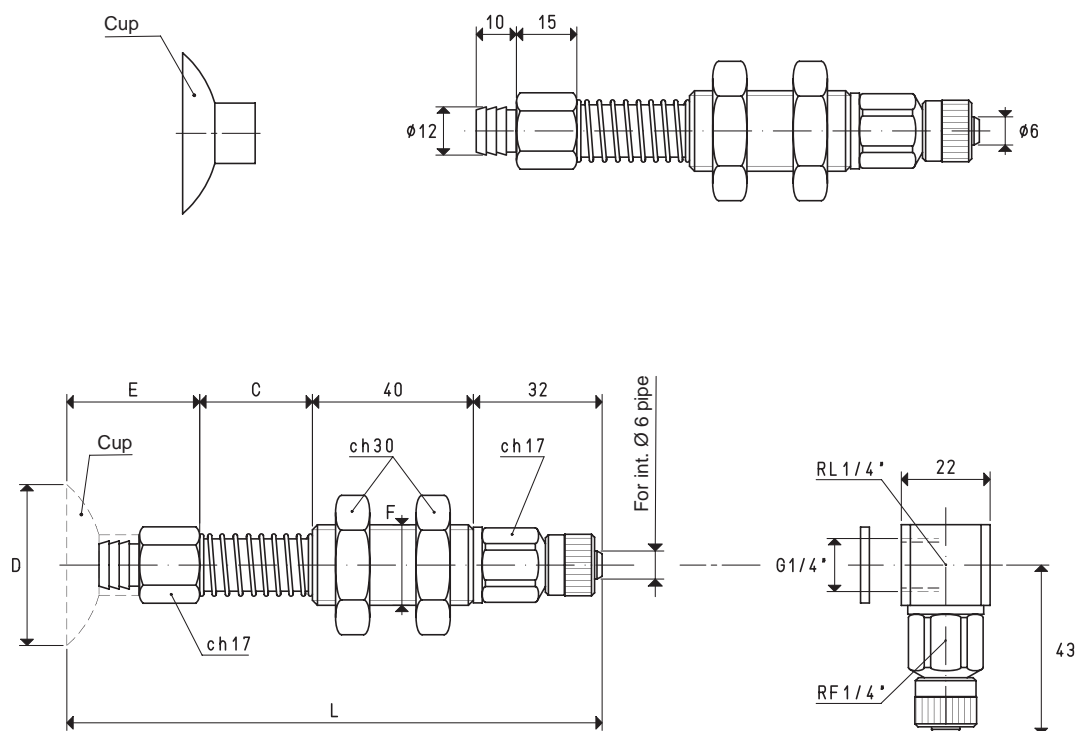
BASIC CUP HOLDERS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



2



VERSION 02 .. 15

VERSION 02 .. 15 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	C = 65 mm C = 95 mm		
								Weight g	Weight g	Weight g
02 35 15	2.40	28	35	31	M20	131	01 35 15	218.6	266.6	293.6
02 40 15	3.14	28	40	33	M20	133	01 40 15	219.1	267.1	294.1

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$



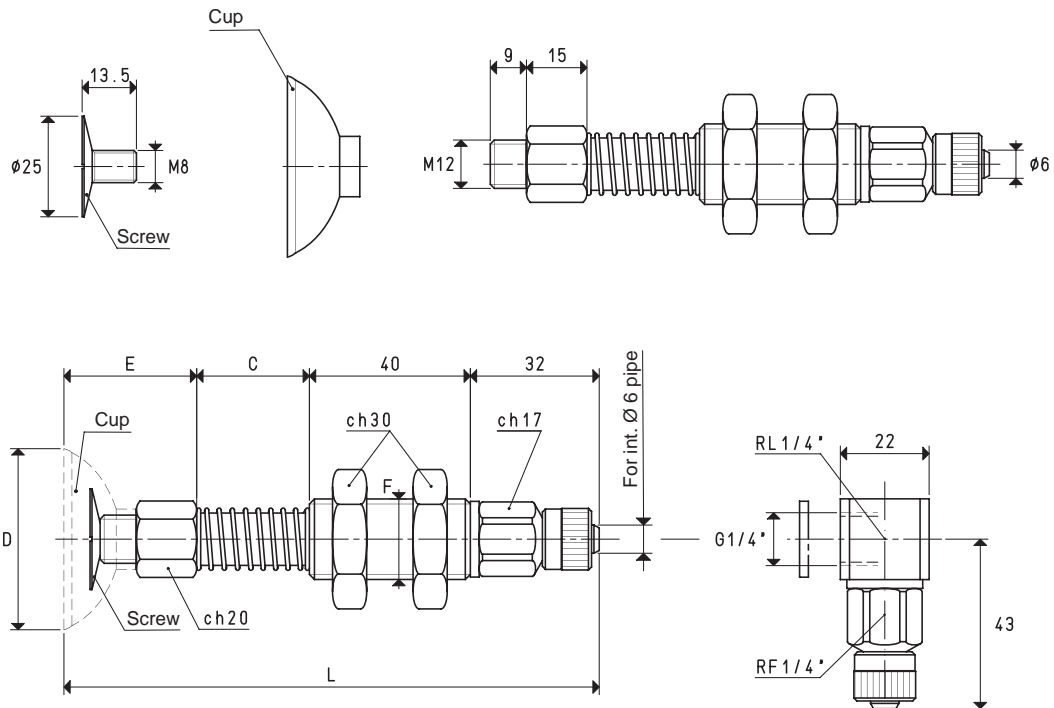
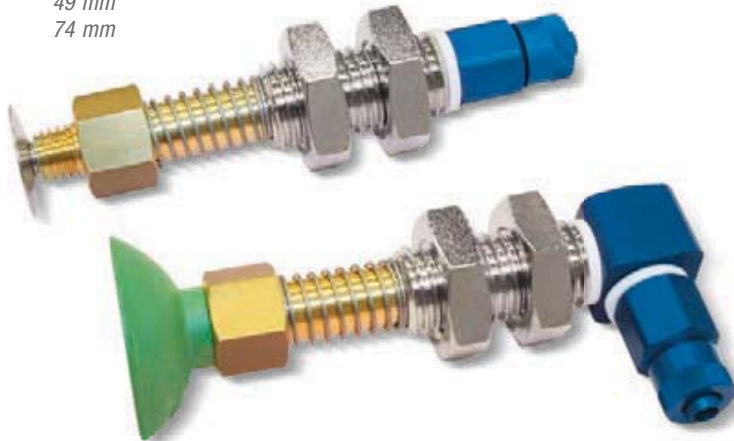
2



BASIC CUP HOLDERS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 .. 10

VERSION 02 .. 10 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Screw included art.	Weight g	C = 65 mm		C = 95 mm
										Weight g	Weight g	Weight g
02 45 10	3.98	28	45	33	M20	133	01 45 10	00 20 13	222.7	270.7	336.7	
02 60 10	7.06	28	60	37	M20	137	01 60 10	00 20 13	230.9	78.9	344.9	

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

2.50

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$



2

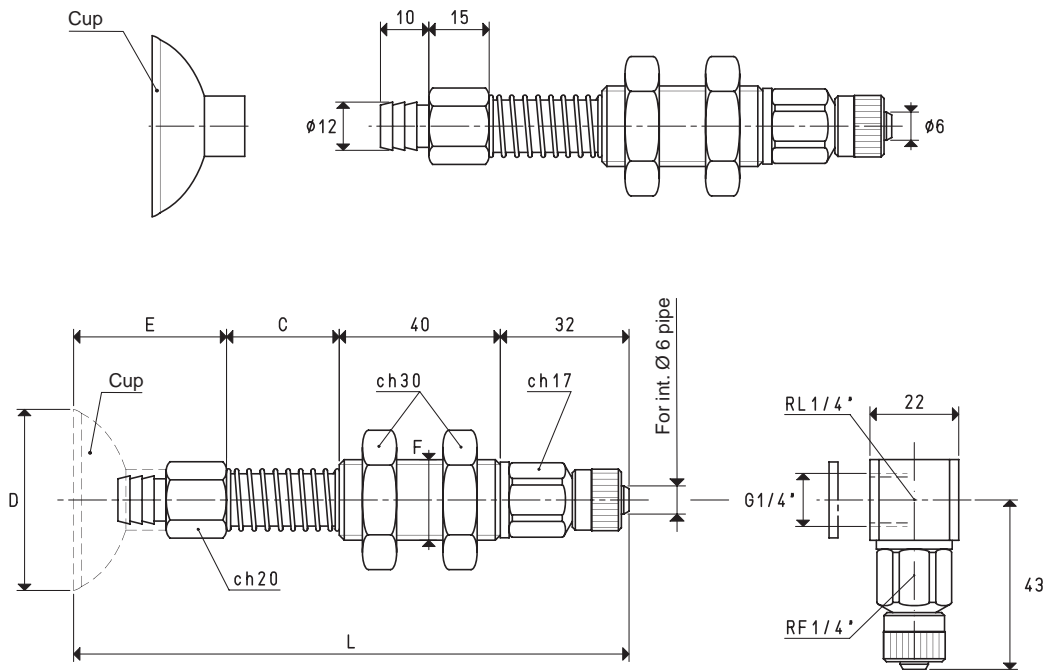


BASIC CUP HOLDERS

- The actual springing stroke is:
- For height C= 28 mm 16 mm
 - For height C= 65 mm 49 mm
 - For height C= 95 mm 74 mm



2



VERSION 02 45 15

VERSION 02 45 15 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8									C = 65 mm	C = 95 mm
Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Weight g	Weight g	Weight g
02 45 15	3.98	28	45	38	M20	138	01 45 15	222.6	272.6	295.6

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

3D drawings available at www.vuototecnica.net

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$



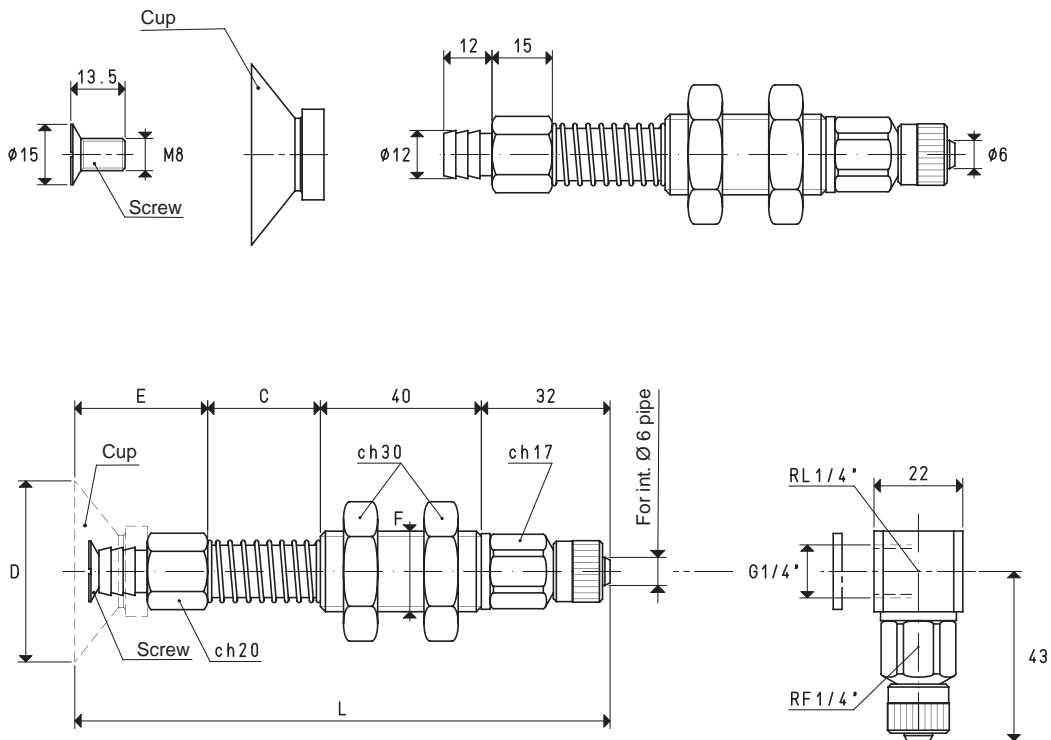
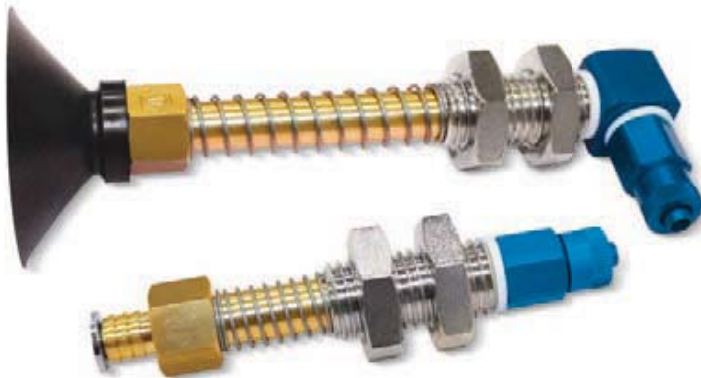
2



BASIC CUP HOLDERS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 . . .

VERSION 02 . . . L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Screw included art.	C = 65 mm			C = 95 mm	
									Weight g	Weight g	Weight g	Weight g	Weight g
02 50 20	4.90	28	50	35	M20	135	01 50 20	00 20 14	226.0	277.0	300.0		
02 65 28	8.29	28	65	43	M20	143	01 65 28	00 20 14	231.7	282.7	305.7		

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L to the code to order L-type fittings.

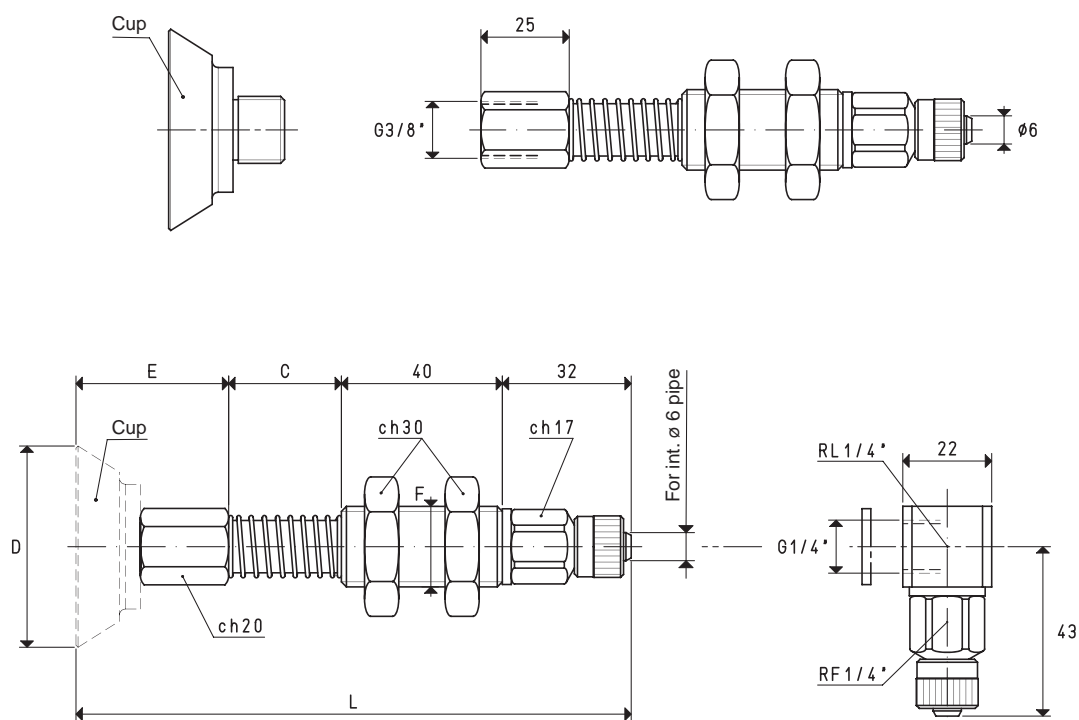
* Also available with height C of 65 mm and 95 mm

3D drawings available at www.vuototecnica.net



2

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 L

$C = 65 \text{ mm}$ $C = 95 \text{ mm}$

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Weight g	Weight g	Weight g
02 50 40	4.90	28	50	41.0	M20	141.0	08 50 40	258.5	288.5	320.5
02 75 40	11.04	28	75	50.0	M20	150.0	08 75 40	277.9	307.9	339.9
02 100 40	19.62	28	100	51.0	M20	151.0	08 100 40	298.3	328.3	360.3
02 100 50	19.62	28	100	55.5	M20	155.5	08 100 50	294.8	324.8	356.8

Add the letter L to the code to order L-type fittings.

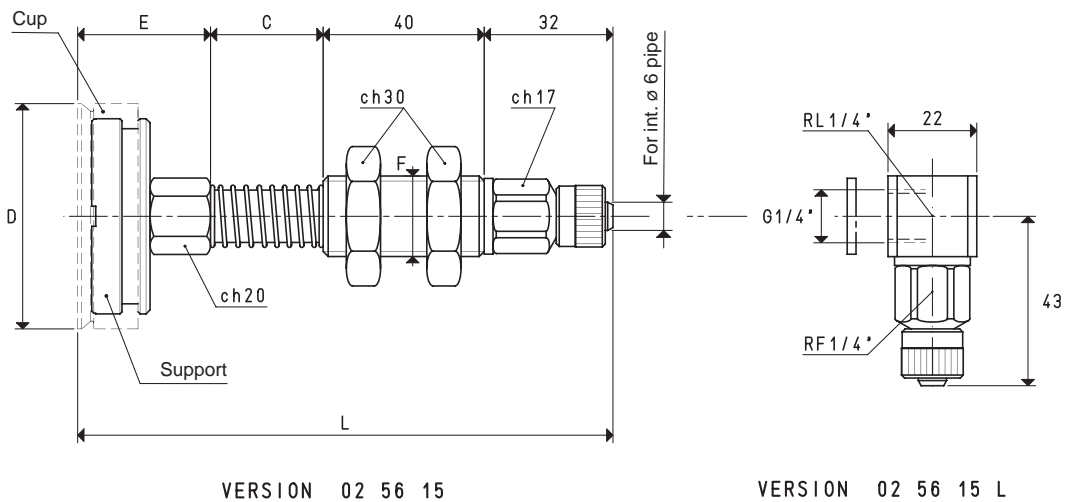
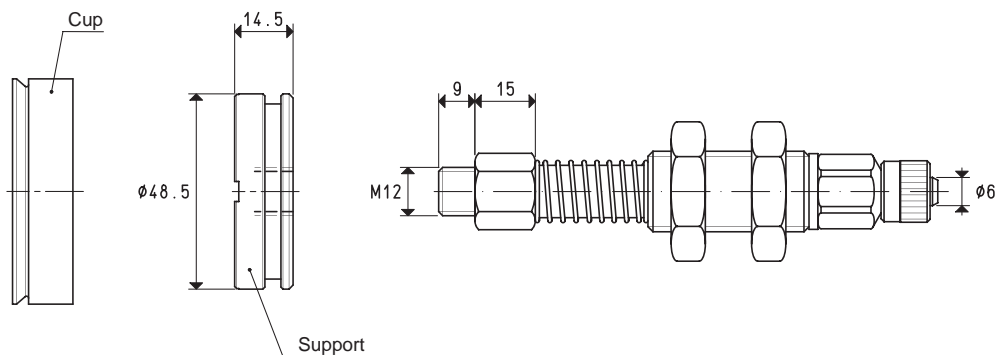
* Also available with height C of 65 mm and 95 mm

Conversion ratio: $\text{inch} = \frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

BASIC CUP HOLDERS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8									C = 65 mm C = 95 mm		
Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Support included art.	Weight g	Weight g	Weight g
02 56 15	6.15	28	56	34	M20	134	01 56 15	00 08 83	305.0	352.6	379.6

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L to the code to order L-type fittings.

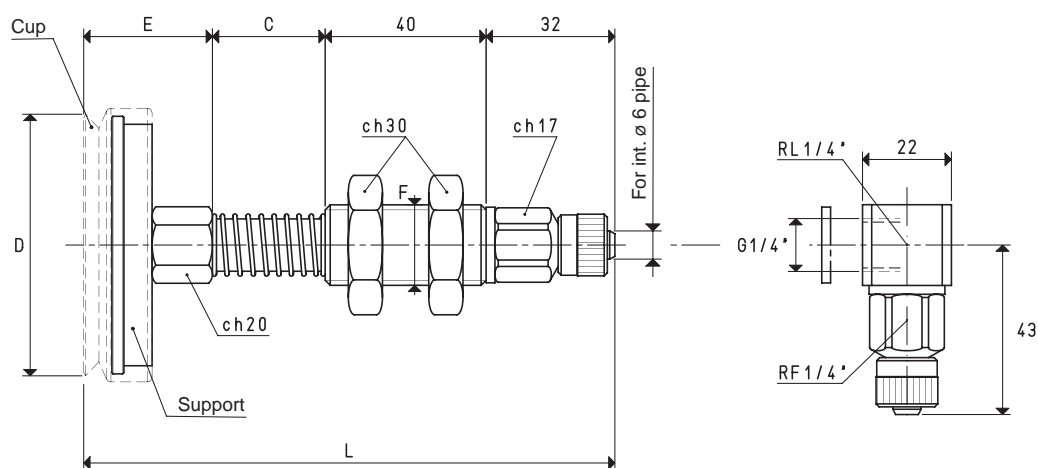
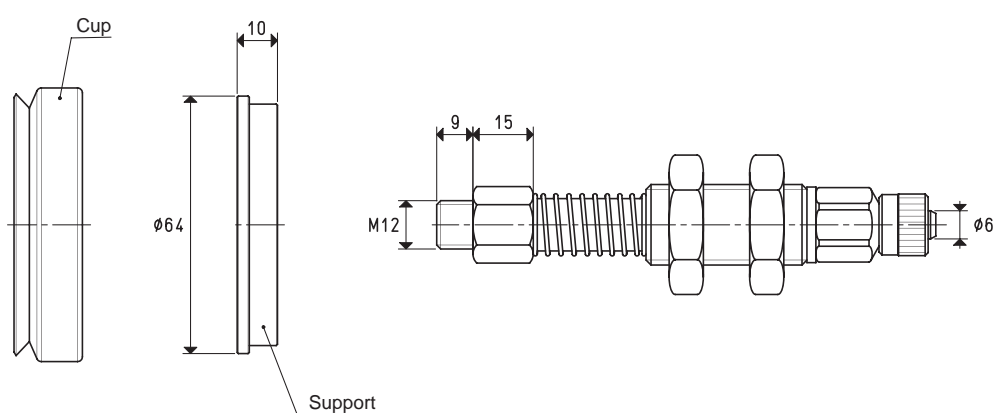
* Also available with height C of 65 mm and 95 mm



BASIC CUP HOLDERS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 65 15

VERSION 02 65 15 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Support included art.	C = 65 mm		
									Weight g	Weight g	Weight g
02 65 15	8.29	28	65	32	M20	132	01 65 15	00 08 32	346.1	384.4	410.4

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

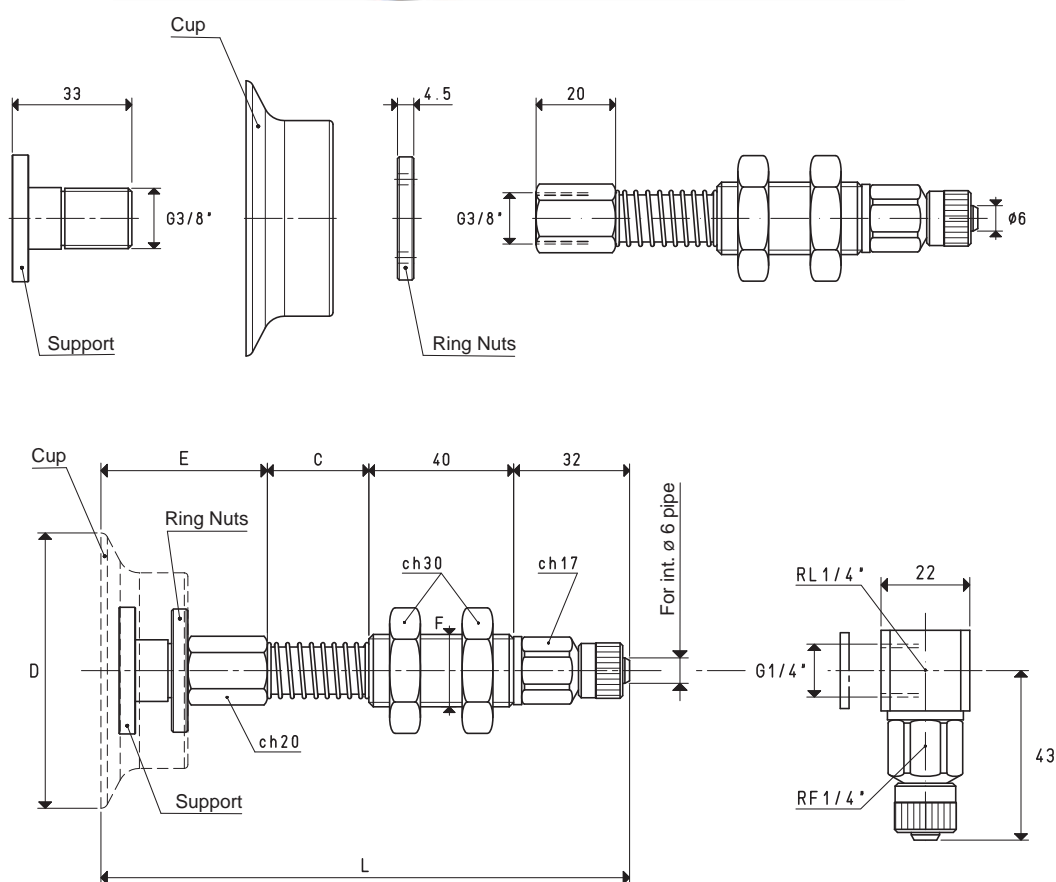
Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

3D drawings available at www.vuototecnica.net

BASIC CUP HOLDERS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 .. 24

VERSION 02 .. 24 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Support included art.	Ring nuts included art.	Weight g	C = 65 mm	C = 95 mm
											Weight g	Weight g
02 76 24	11.33	28	76	49	M20	149	01 76 24	00 08 110	00 08 111	298	338	361
02 90 24	15.89	28	90	49	M20	149	01 90 24	00 08 110	00 08 111	323	363	390
02 110 24	23.74	28	110	49	M20	149	01 110 24	00 08 110	00 08 111	373	413	439

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

2.56

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$



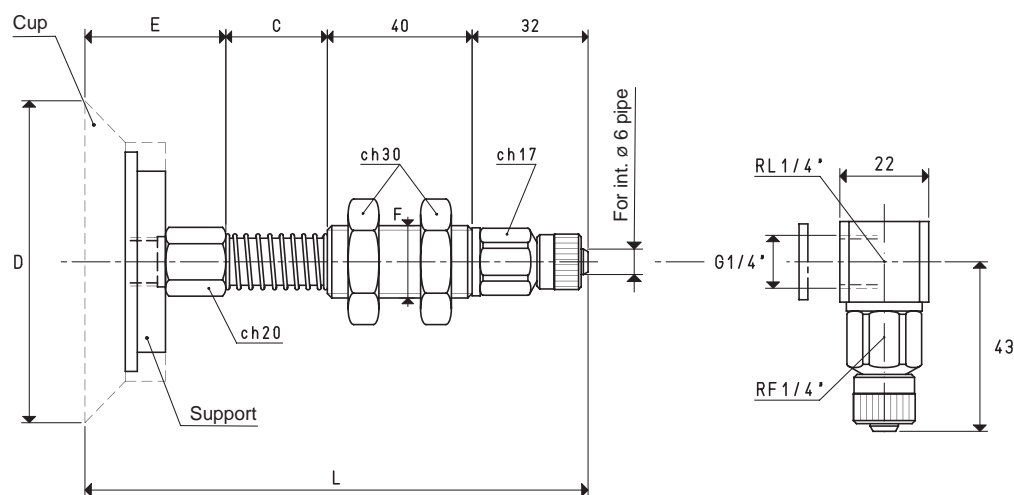
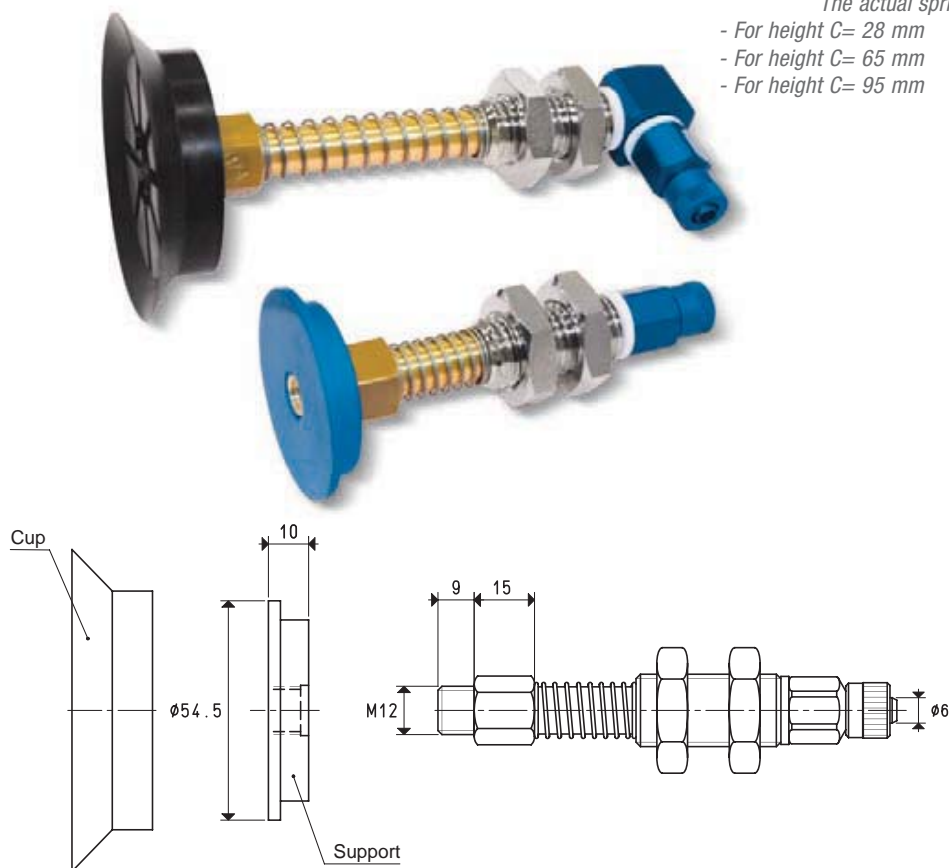
2



BASIC CUP HOLDERS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 80 20

VERSION 02 80 20 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Support included art.	C = 65 mm C = 95 mm		
									Weight g	Weight g	Weight g
02 80 20	12.56	28	80	35	M20	135	01 80 20	00 08 126	296.4	334.3	361.8

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

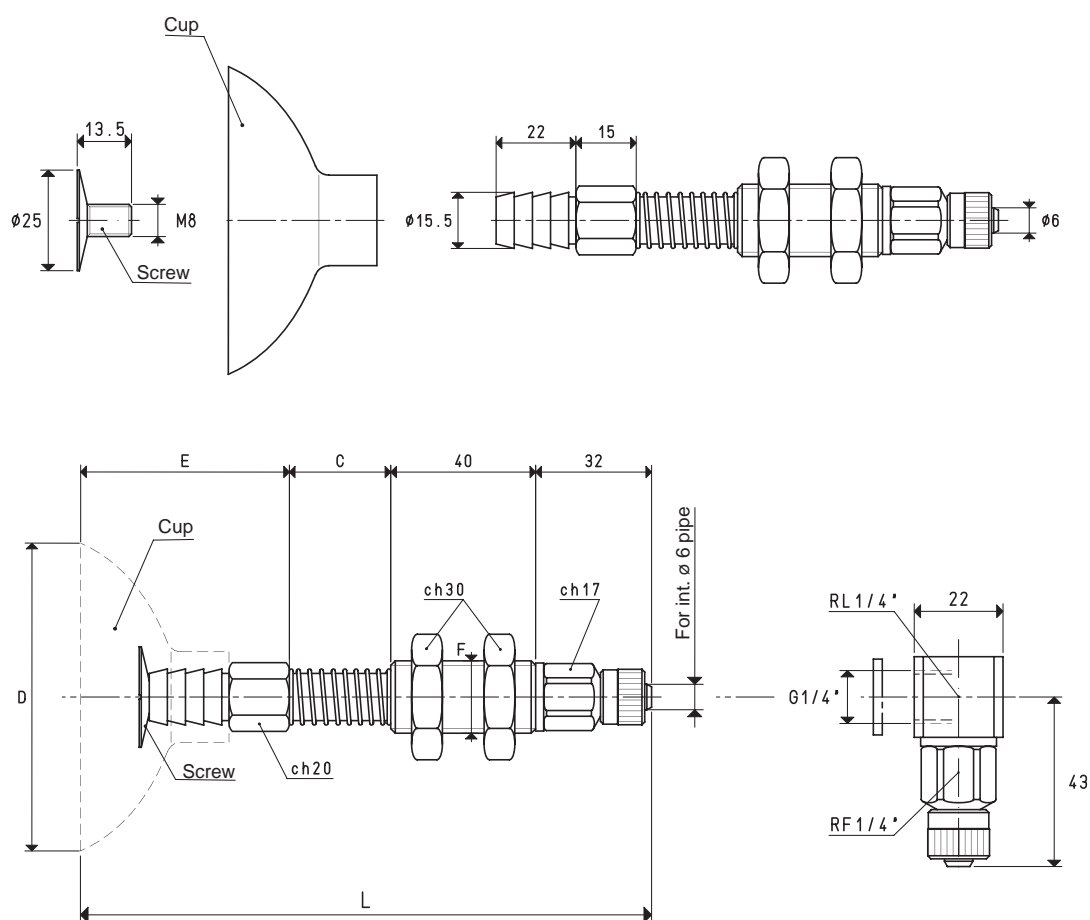
Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm



100%

- For height C= 28 mm	16 mm
- For height C= 65 mm	49 mm
- For height C= 95 mm	74 mm



VERSION 02 85 10 L

C = 65 mm C = 95 mm

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Screw included art.	Weight g	Weight g	Weight g
02 85 10	14.18	28	85	56	M20	156	01 85 10	00 20 13	318.0	347.9	369.9

Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

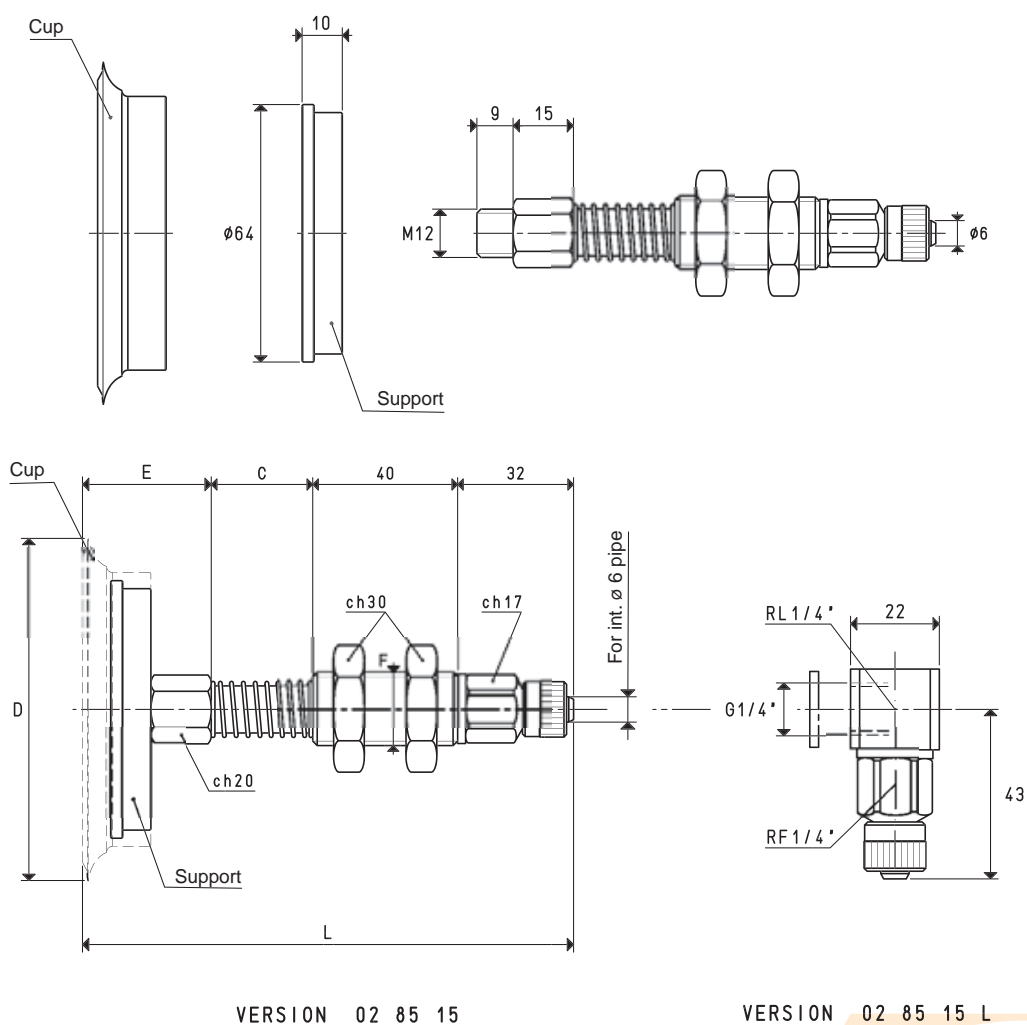
Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$



BASIC CUP HOLDERS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 85 15

VERSION 02 85 15 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8									C = 65 mm	C = 95 mm	
Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Support included art.	Weight g	Weight g	Weight g
02 85 15	14.18	28	85	32	M20	132	01 85 15	00 08 32	334	371	399

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L to the code to order L-type fittings.

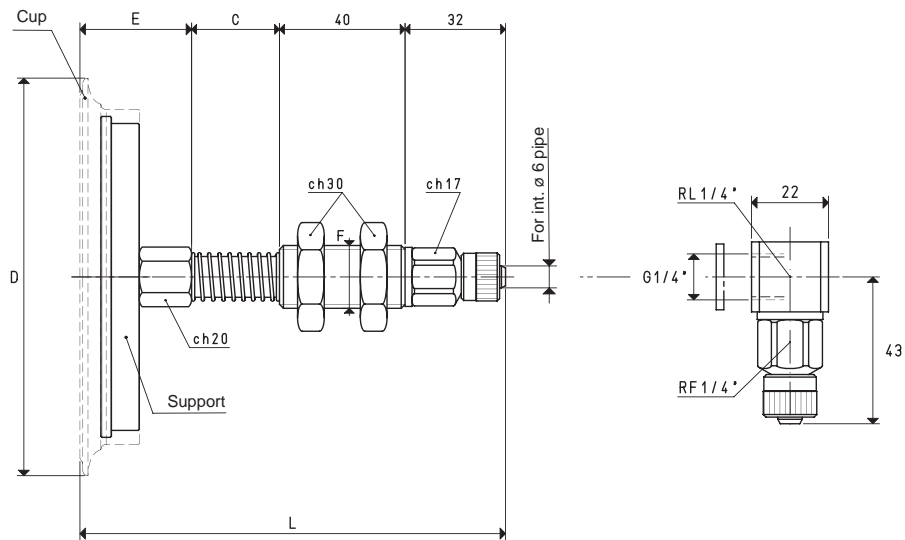
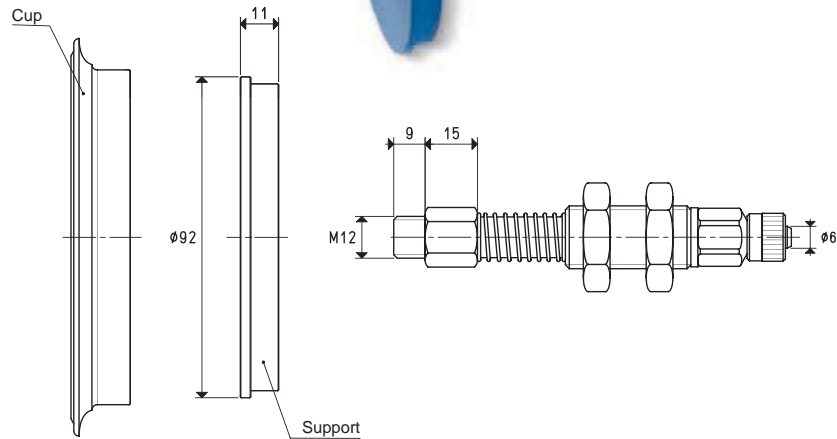
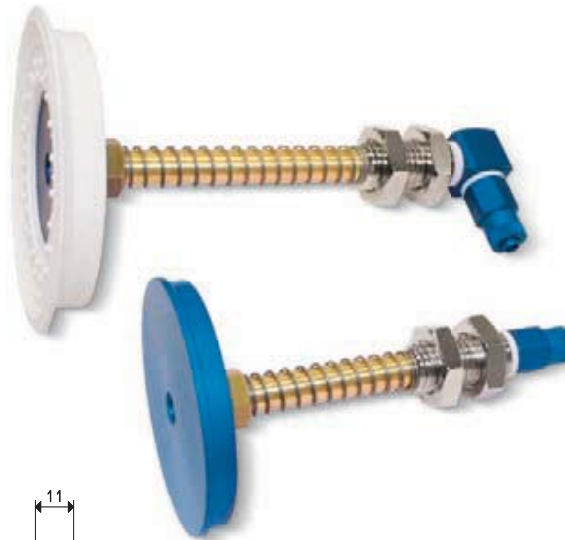
* Also available with height C of 65 mm and 95 mm

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

BASIC CUP HOLDERS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 110 10

VERSION 02 110 10 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Support included art.	Weight		
									g	g	g
02 110 10	23.74	28	114	32	M20	132	01 110 10	00 08 33	456	494	521

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

2.60

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$



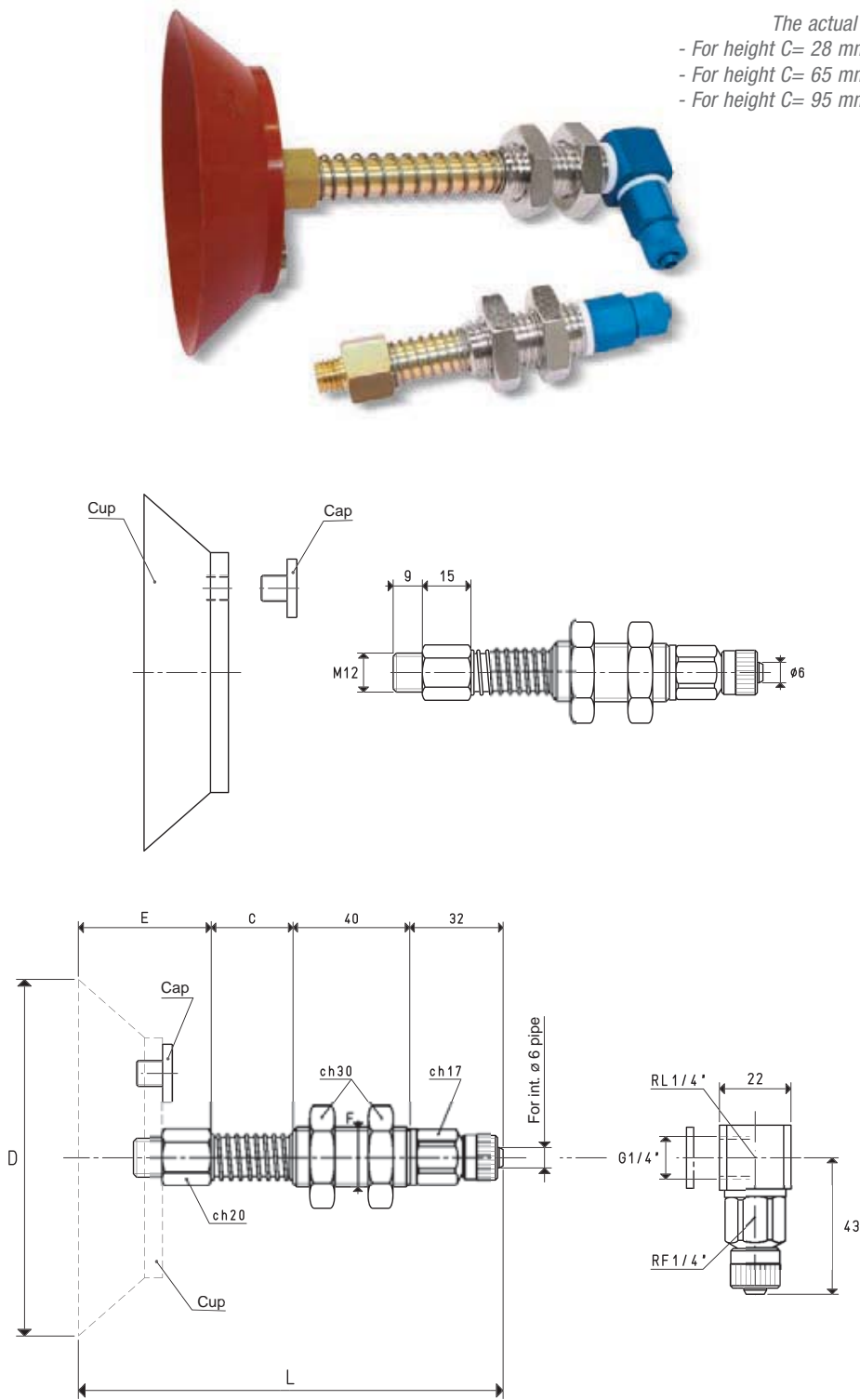
2



BASIC CUP HOLDERS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 110 15

VERSION 02 110 15 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8									C = 65 mm	C = 95 mm	
Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Cap included art.	Weight g	Weight g	Weight g
02 110 15	23.74	28	110	41	M20	141	08 110 15	00 11 06	571	608	636

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L to the code to order L-type fittings.

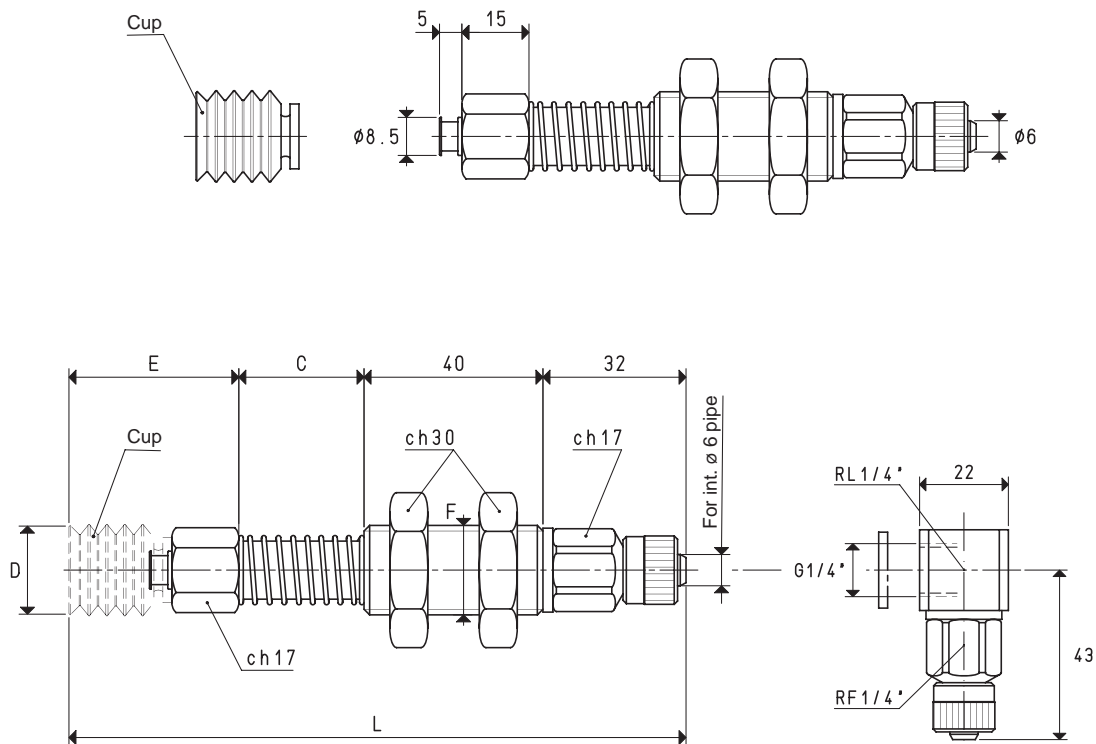
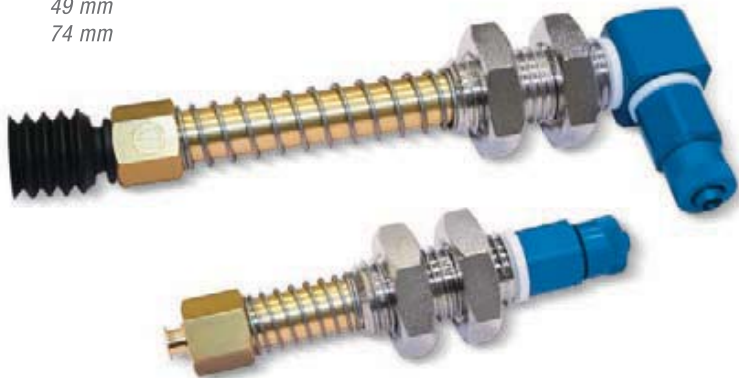
* Also available with height C of 65 mm and 95 mm

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

BASIC CUP HOLDERS FOR BELLOW CUPS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 20 23

VERSION 02 20 23 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8								C = 65 mm		C = 95 mm
Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Weight g	Weight g	Weight g
02 20 23	0.78	28	20	38	M20	138	01 20 23	213.8	256.8	283.8

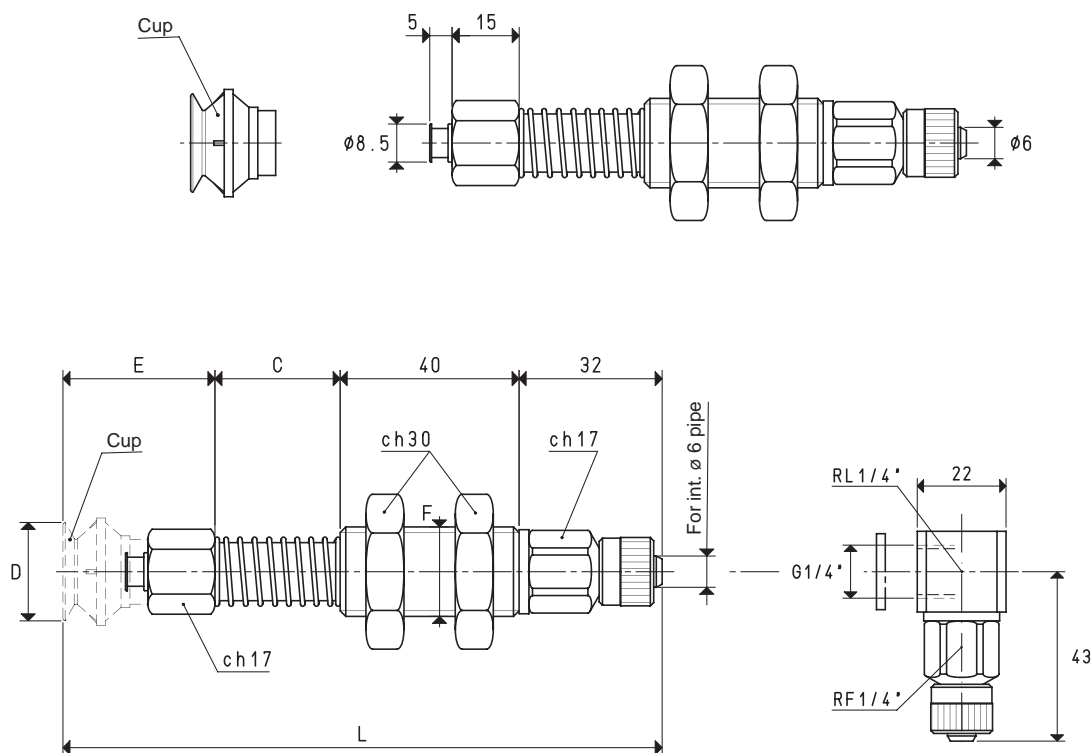
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm



2

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 L

$C = 65 \text{ mm}$ $C = 95 \text{ mm}$

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Weight g	Weight g	Weight g
02 22 19	0.95	28	22	34	M20	134	01 22 19	214.7	257.7	284.7
02 34 26	2.26	28	34	41	M20	141	01 34 26	217.7	260.7	287.7

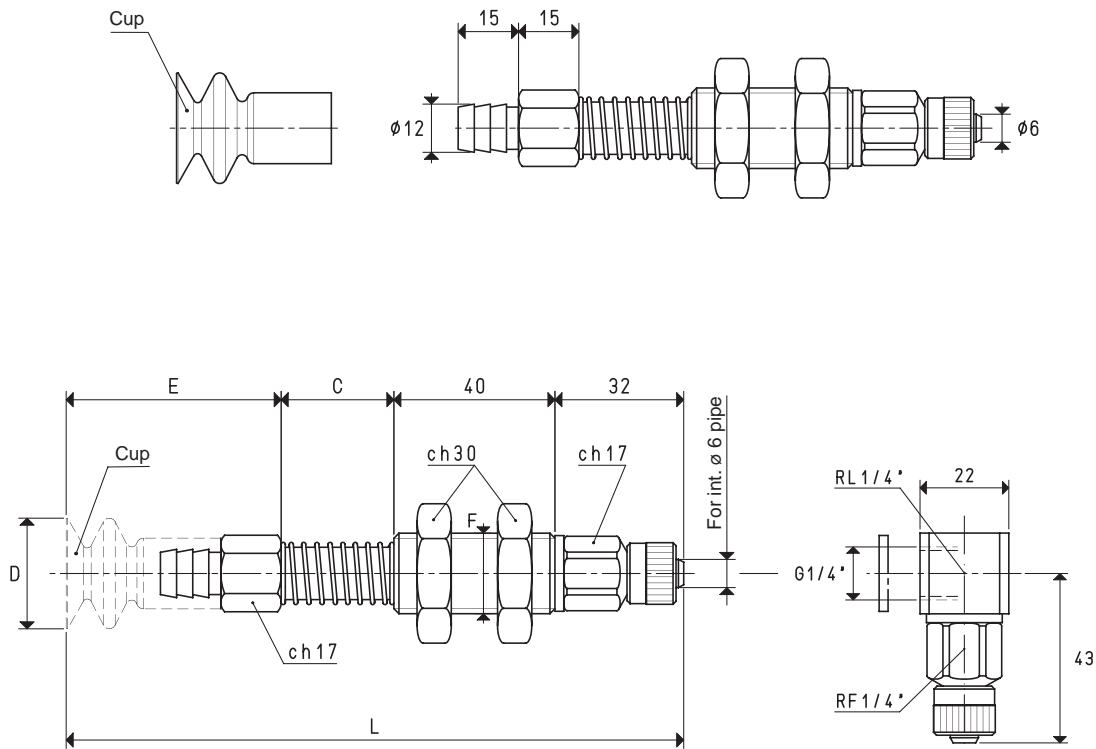
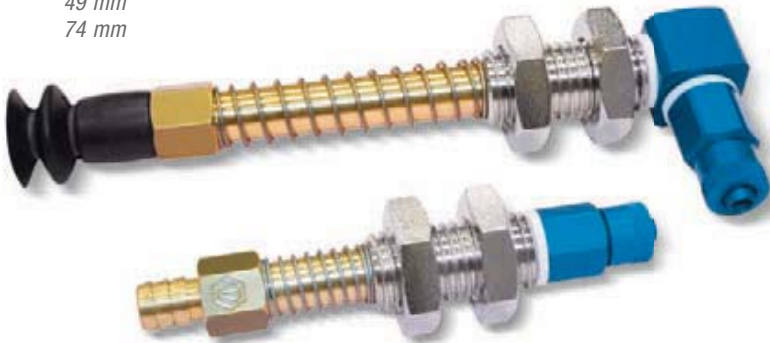
* Also available with height C of 65 mm and 95 mm

2.63



BASIC CUP HOLDERS FOR BELLOW CUPS

- The actual springing stroke is:
- For height C= 28 mm 16 mm
 - For height C= 65 mm 49 mm
 - For height C= 95 mm 74 mm



VERSION 02 25 35

VERSION 02 25 35 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8								C = 65 mm C = 95 mm		
Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Weight g	Weight g	Weight g
02 25 35	1.23	28	25	50	M20	150	01 25 35	219	231	290

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

3D drawings available at www.vuototecnica.net



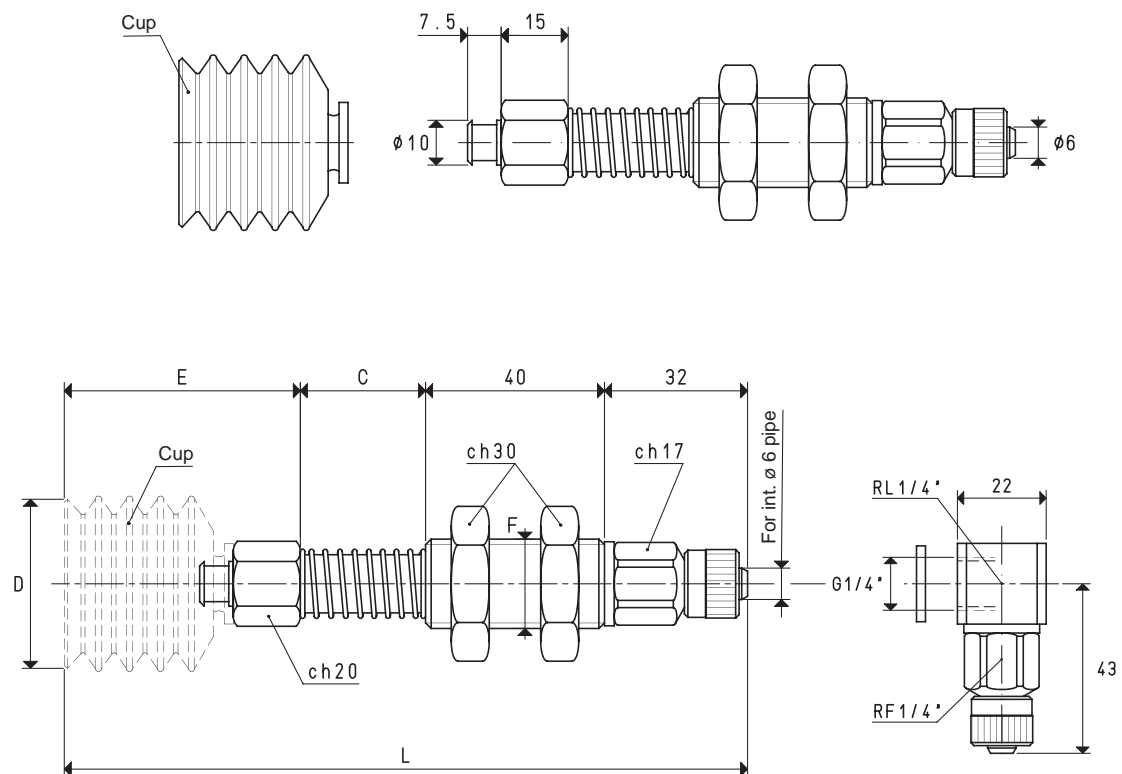
BASIC CUP HOLDERS FOR BELLOW CUPS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



2



VERSION 02 . . .

VERSION 02 . . . L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Weight g	C = 65 mm	C = 95 mm
									Weight g	Weight g
02 30 32	1.76	28	30	47	M20	147	01 30 32	219.6	264.6	294.6
02 40 42	3.14	28	40	57	M20	157	01 40 42	215.6	270.6	300.6

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

3D drawings available at www.vuototecnica.net

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

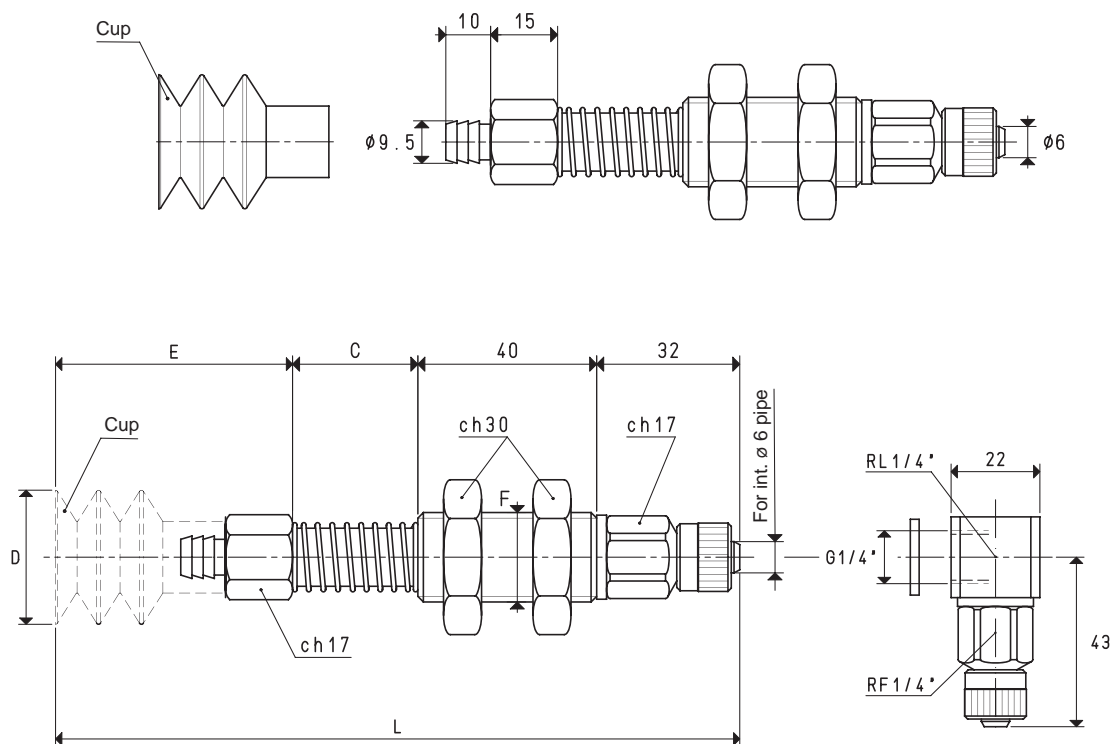
2.65



2



- For height C= 28 mm	16 mm
- For height C= 65 mm	49 mm
- For height C= 95 mm	74 mm



VERSION 02 30 ..

VERSION 02 30 .. L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8								C = 65 mm	C = 95 mm	
Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Weight g	Weight g	Weight g
02 30 50	1.76	28	30	53	M20	153	01 30 50	221.6	258.6	285.6
02 30 99	1.76	28	30	53	M20	153	01 30 99	222.2	259.2	286.2

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

2.66

Conversion ratio: $\text{inch} = \frac{\text{mm}}{25.4}$; $\text{pounds} = \frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$



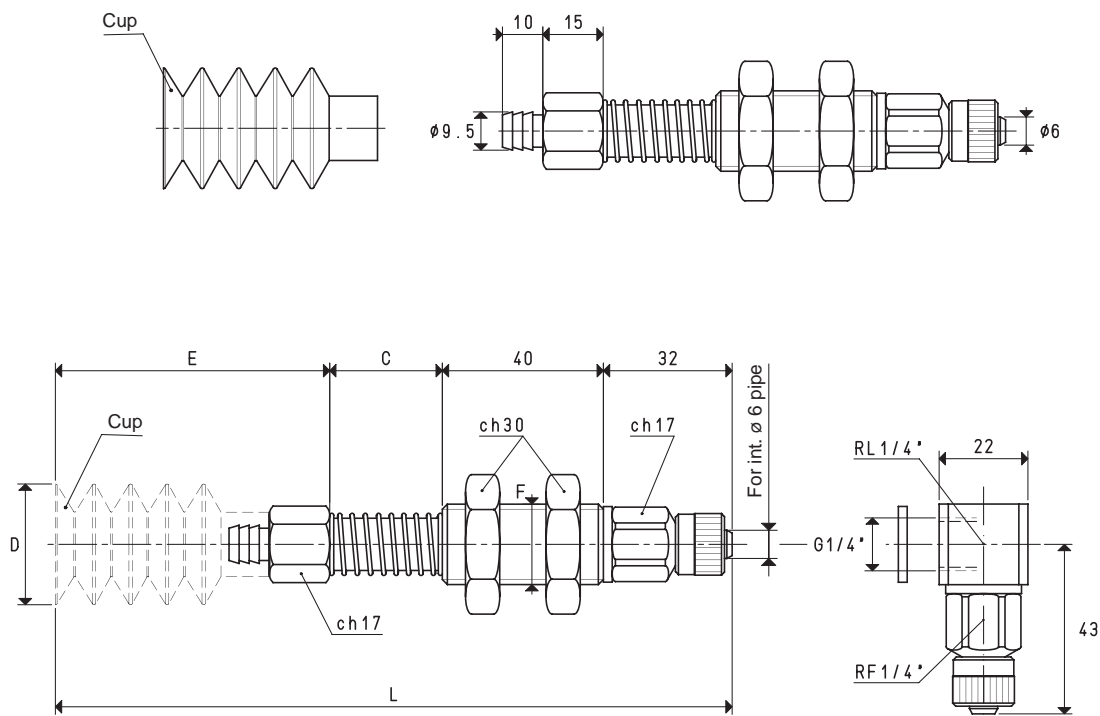
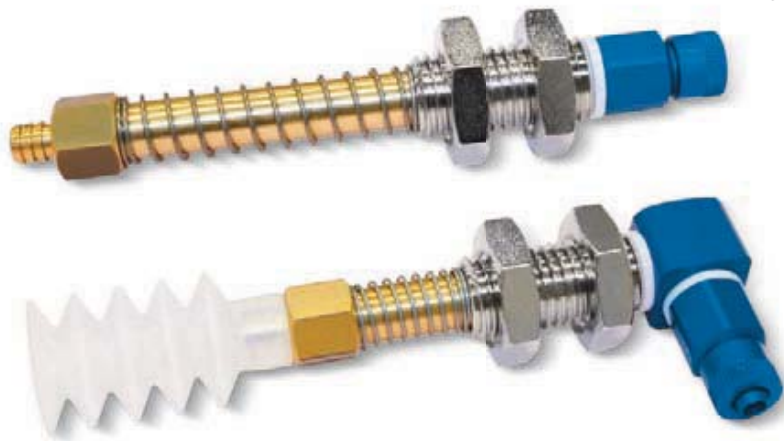
2



BASIC CUP HOLDERS FOR BELLOW CUPS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 30 55

VERSION 02 30 55 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8								C = 65 mm		C = 95 mm
Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Weight g	Weight g	Weight g
02 30 55	1.76	28	30	70	M20	170	01 30 55	226.8	263.8	290.8

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L to the code to order L-type fittings.

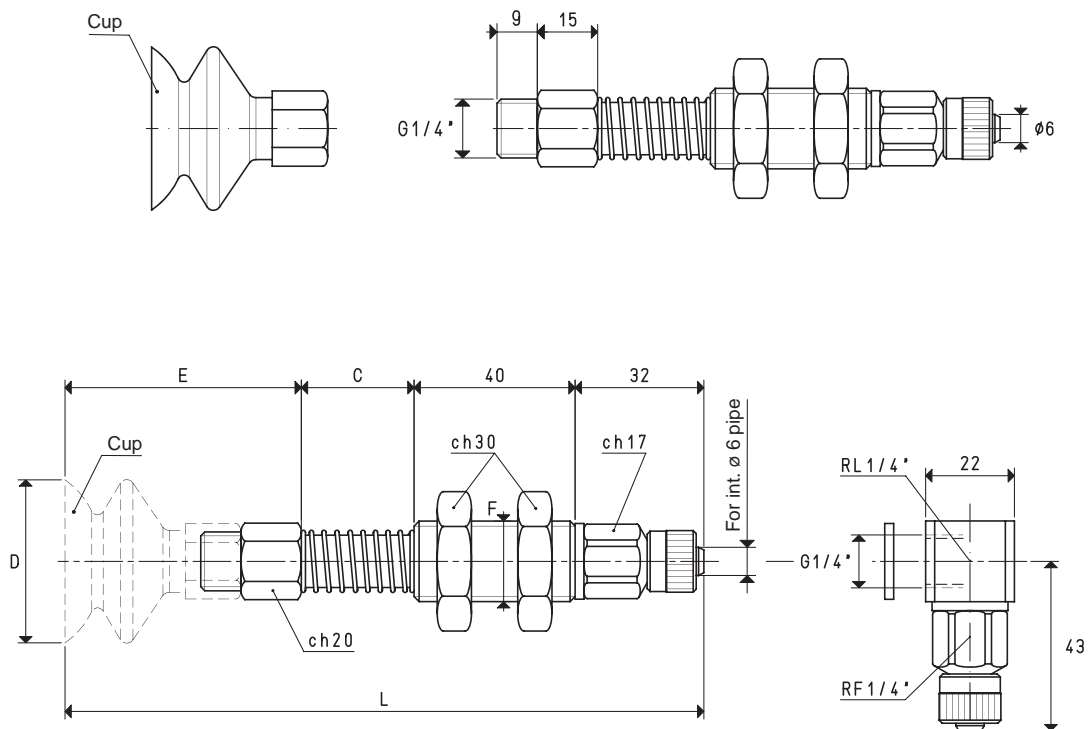
* Also available with height C of 65 mm and 95 mm

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

BASIC CUP HOLDERS FOR BELLOW CUPS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 .. 30

VERSION 02 .. 30 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	C = 65 mm C = 95 mm		
								Weight g	Weight g	Weight g
02 40 30	3.14	28	40	67	M20	167	08 40 30	256.4	296.4	325.4
02 50 30	4.90	28	50	69	M20	169	08 50 30	264.9	304.9	333.9
02 60 30	7.06	28	60	71	M20	171	08 60 30	277.6	317.6	346.6
02 85 30	14.18	28	85	82	M20	182	08 85 30	346.0	386.0	415.0

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

2.68

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$



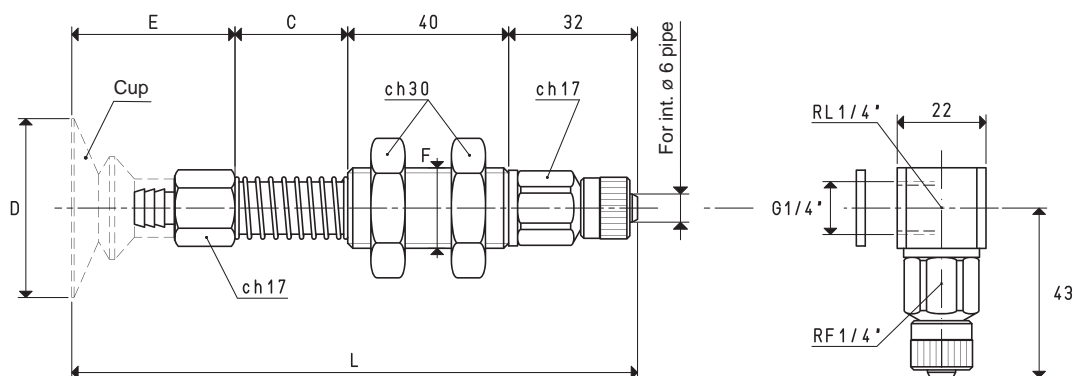
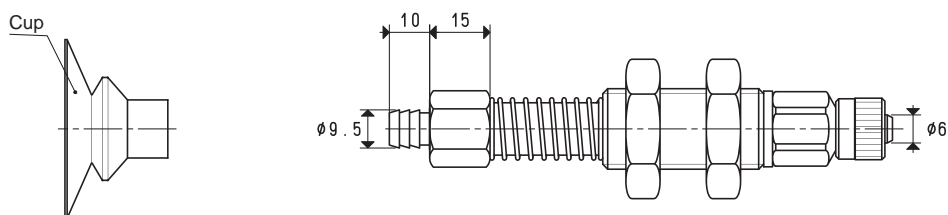
2



BASIC CUP HOLDERS FOR BELLOW CUPS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 40 50

VERSION 02 40 50 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	C = 65 mm C = 95 mm		
								Weight g	Weight g	Weight g
02 40 50	3.14	28	40	38	M20	138	01 40 50	220.6	255.6	282.6

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

3D drawings available at www.vuototecnica.net

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$



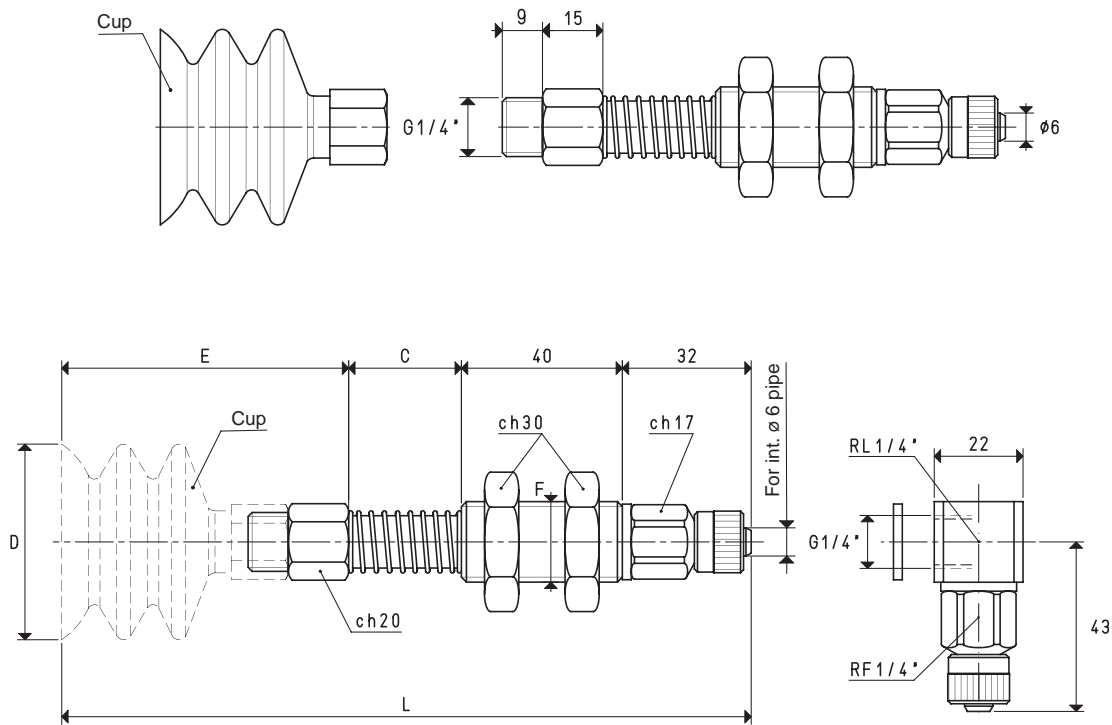
2



BASIC CUP HOLDERS FOR BELLOW CUPS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02

VERSION 02 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	C = 65 mm C = 95 mm		
								Weight g	Weight g	Weight g
02 40 60	3.14	28	40	84	M20	184	08 40 60	265.6	304.6	334.6
02 50 50	4.90	28	50	87	M20	187	08 50 50	275.6	314.6	344.6
02 60 50	7.06	28	60	91	M20	191	08 60 50	248.4	337.4	367.4
02 85 50	14.18	28	85	110	M20	210	08 85 50	394.0	433.0	463.0

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm



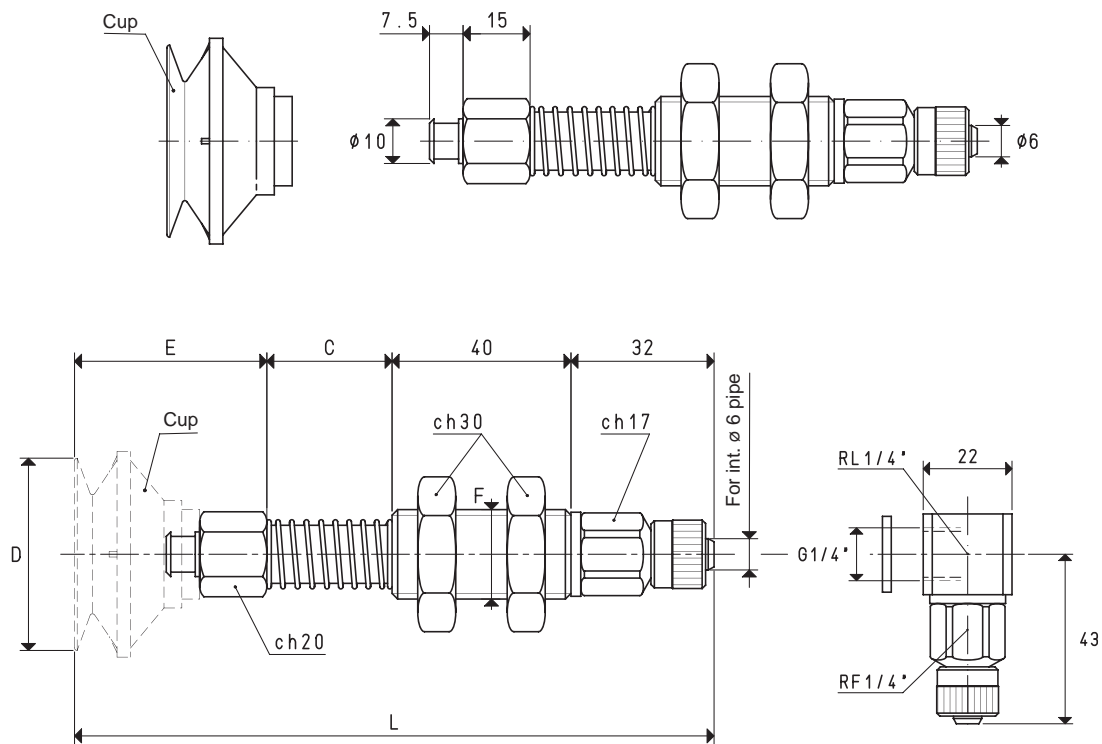
BASIC CUP HOLDERS FOR BELLOW CUPS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



2



VERSION 02 43 28

VERSION 02 43 28 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8								C = 65 mm	C = 95 mm
Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Weight g	Weight g
02 43 28	3.62	28	43	43	M20	143	01 43 28	225	269

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

3D drawings available at www.vuototecnica.net

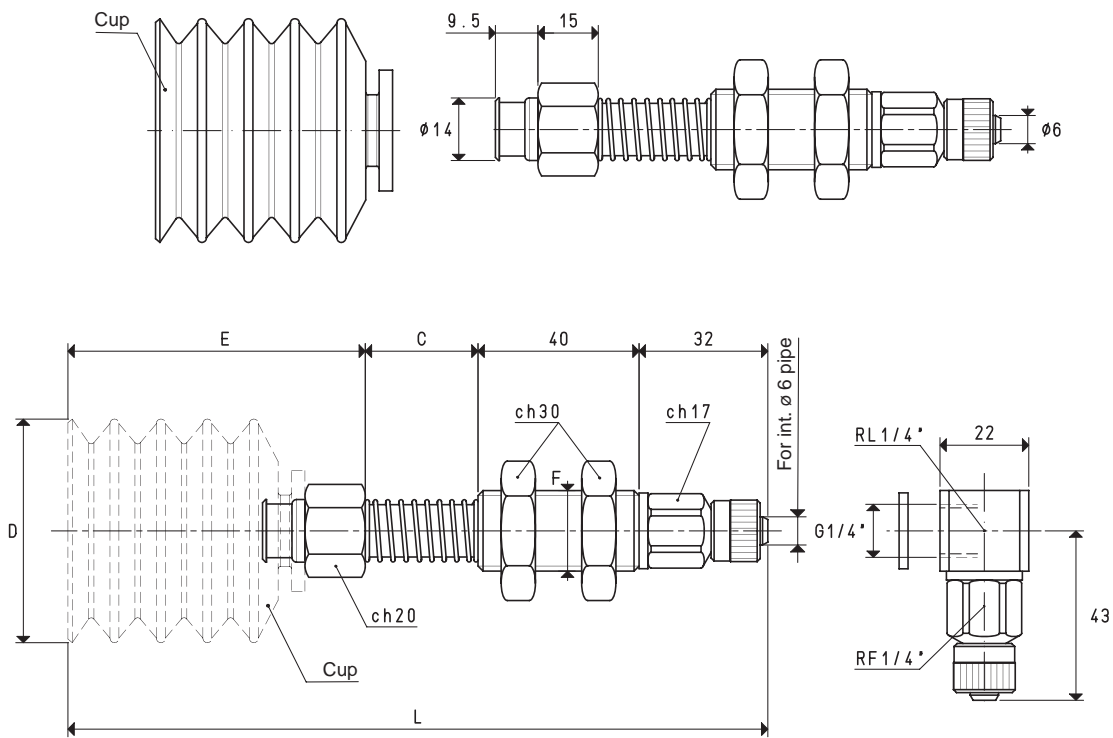
Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$



BASIC CUP HOLDERS FOR BELLOW CUPS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 50 53

VERSION 02 50 53 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force	*C	D	E	F	L	Cup	Weight	Weight	Weight
	Kg		Ø		Ø		art.	g	g	g
02 50 53	4.90	28	50	68	M20	168	01 50 53	247.4	286.4	315.4

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm



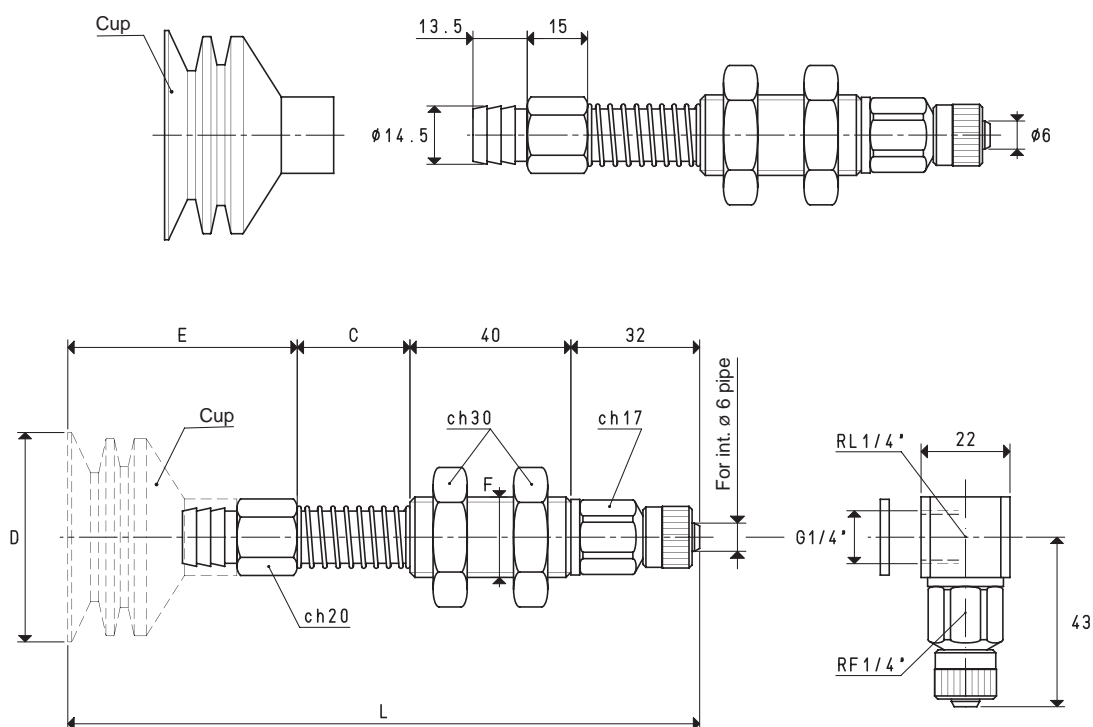
BASIC CUP HOLDERS FOR BELLOW CUPS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



2



VERSION 02 52 50

VERSION 02 52 50 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force	*C	D	E	F	L	Cup art.	Weight	C = 65 mm	C = 95 mm
	Kg		Ø		Ø			g	g	g
02 52 50	5.30	28	52	57	M20	157	01 52 50	248.7	298.7	325.7

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$



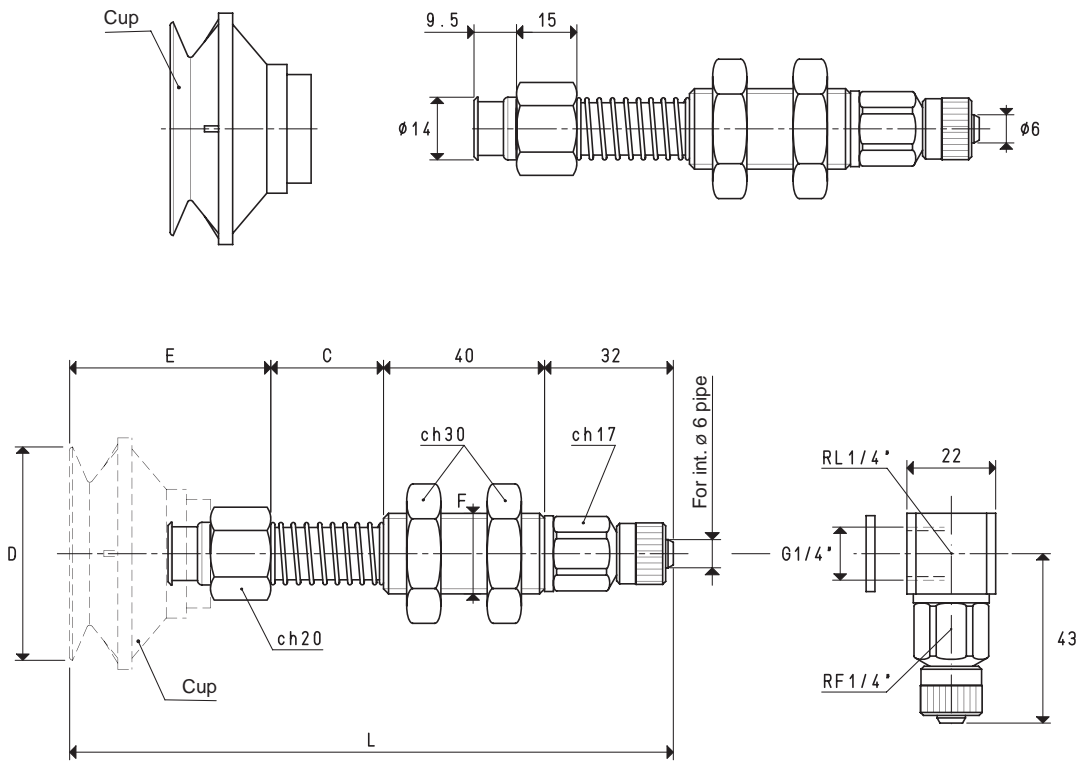
2



BASIC CUP HOLDERS FOR BELLOW CUPS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 53 35

VERSION 02 53 35 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8								C = 65 mm		C = 95 mm
Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Weight g	Weight g	Weight g
02 53 35	5.51	28	53	41	M20	141	01 53 35	241.6	279.6	308.6

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

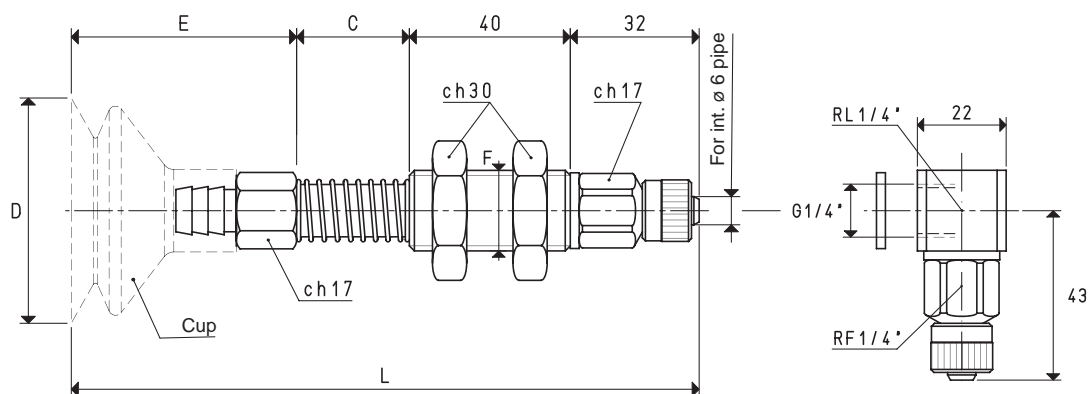
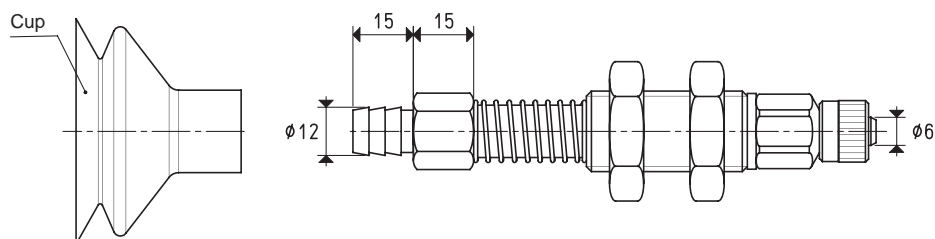
3D drawings available at www.vuototecnica.net



BASIC CUP HOLDERS FOR BELLOW CUPS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 .. 30

VERSION 02 .. 30 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Weight g	C = 65 mm	C = 95 mm
									Weight g	Weight g
02 56 30	6.15	28	56	33	M20	133	01 56 30	236.0	243.0	264.0
02 75 30	11.04	28	75	69	M20	169	01 75 30	255.6	262.6	283.6

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$



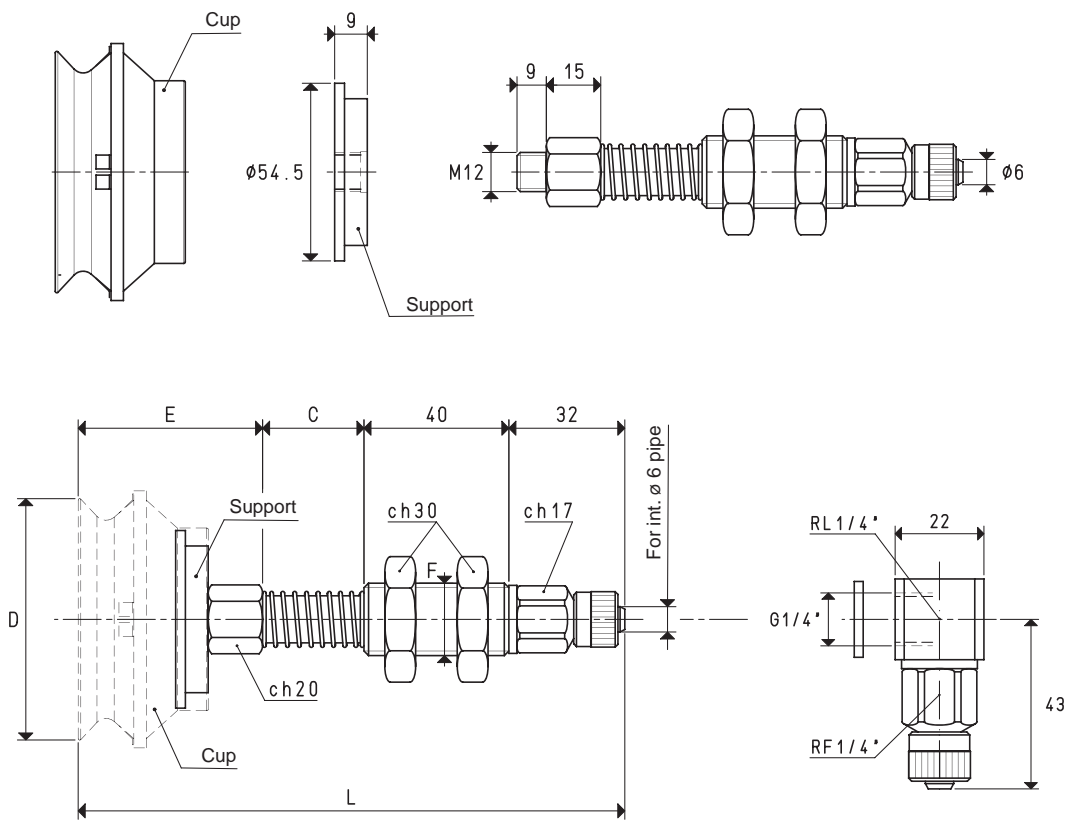
2



BASIC CUP HOLDERS FOR BELLOW CUPS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 75 42

VERSION 02 75 42 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8									C = 65 mm	C = 95 mm	
Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Support included art.	Weight g	Weight g	Weight g
02 75 42	11.04	28	75	57	M20	157	01 75 42	00 08 126	317.8	355.8	382.8

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm



BASIC CUP HOLDERS WITH THREADED MALE AND FEMALE CONNECTORS

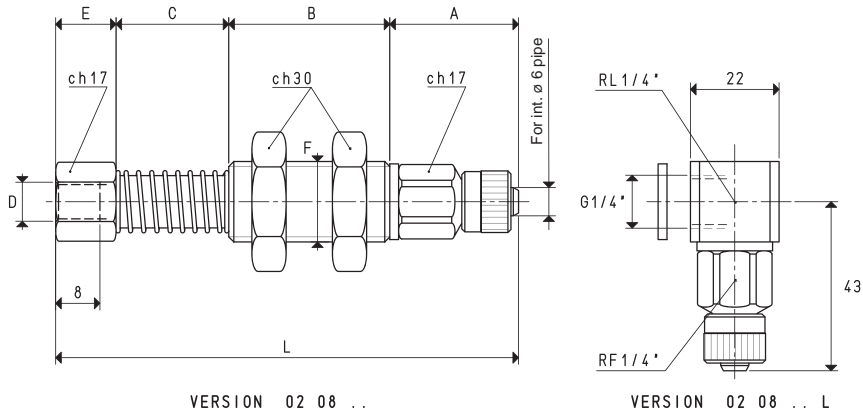


The distinctive feature of these cup holders is the brass stem with a threaded male or female end.
The cups to be assembled onto these cup holders must be equipped with the suited threaded support.

- The actual springing stroke is:
- For height C= 28 mm 16 mm
 - For height C= 65 mm 49 mm
 - For height C= 95 mm 74 mm

2

Basic cup holders with threaded female connectors

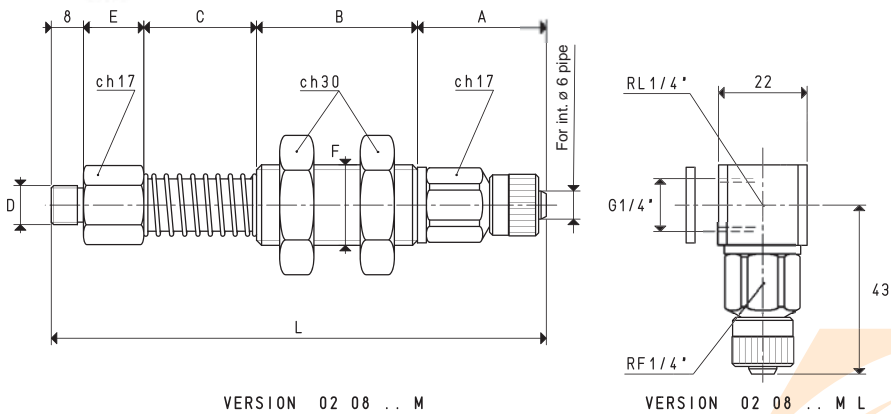


CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8								
Art.	A	B	C	D Ø	E	F Ø	L	Weight g
02 08 28	32	40	28	G1/8"	15	M20	115	207
02 08 65	32	40	65	G1/8"	15	M20	152	243
02 08 95	32	40	95	G1/8"	15	M20	182	272

Note: Add the letter L to the code to order L-type fittings.



Basic cup holders with threaded male connectors



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8								
Art.	A	B	C	D Ø	E	F Ø	L	Weight g
02 08 28 M	32	40	28	G1/8"	15	M20	123	216
02 08 65 M	32	40	65	G1/8"	15	M20	160	252
02 08 95 M	32	40	95	G1/8"	15	M20	190	282

Note: Add the letter L to the code to order L-type fittings.

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

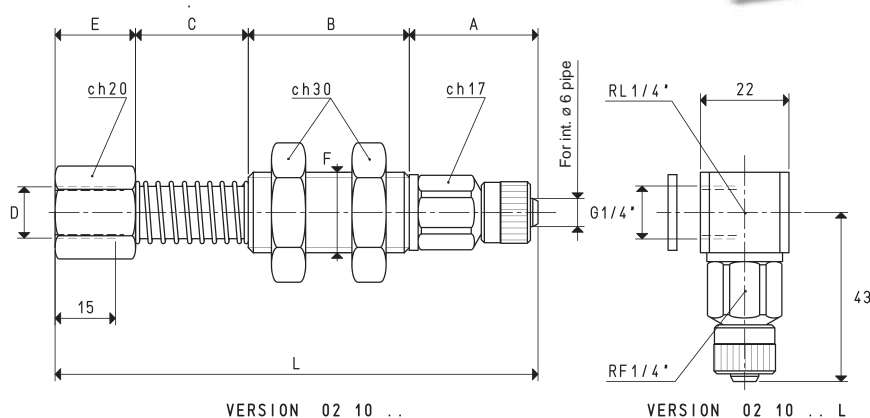
3D drawings available at www.vuototecnica.net

BASIC CUP HOLDERS WITH THREADED MALE AND FEMALE CONNECTORS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm

Basic cup holders with threaded female connectors

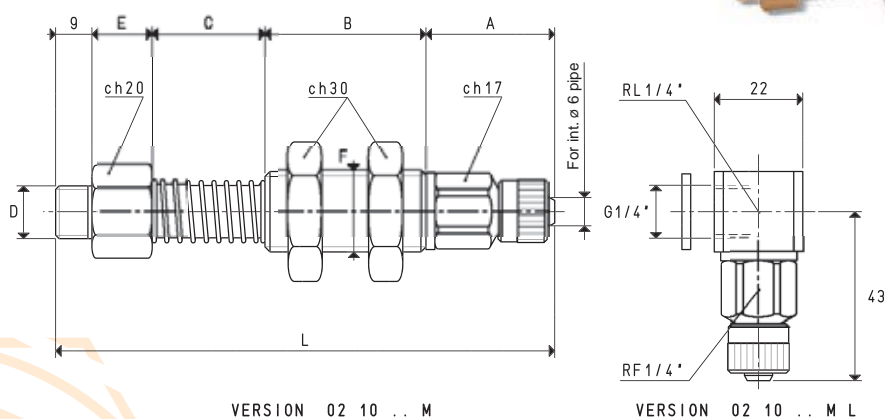


CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	A	B	C	D Ø	E	F Ø	L	Weight g
02 10 28	32	40	28	G1/4"	20	M20	120	224
02 10 65	32	40	65	G1/4"	20	M20	157	262
02 10 95	32	40	95	G1/4"	20	M20	187	289

Note: Add the letter L to the code to order L-type fittings.

Basic cup holders with threaded male connectors



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	A	B	C	D Ø	E	F Ø	L	Weight g
02 10 28 M	32	40	28	G1/4"	15	M20	124	225
02 10 65 M	32	40	65	G1/4"	15	M20	161	266
02 10 95 M	32	40	95	G1/4"	15	M20	191	295

Note: Add the letter L to the code to order L-type fittings.



BASIC CUP HOLDERS WITH THREADED MALE AND FEMALE CONNECTORS

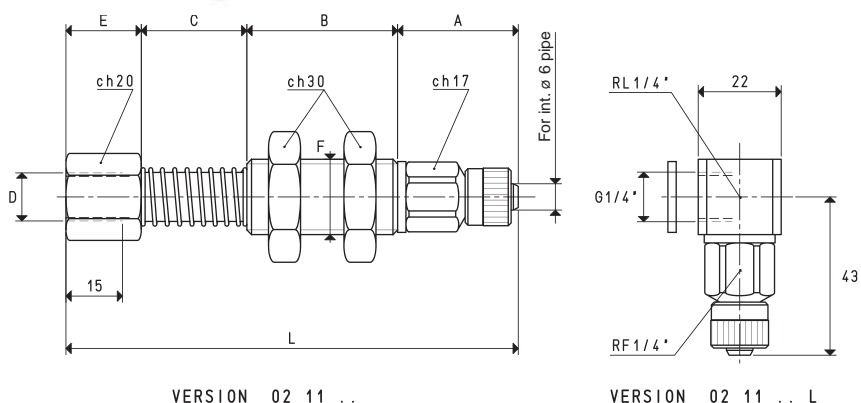
The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



Basic cup holders with threaded female connectors

2



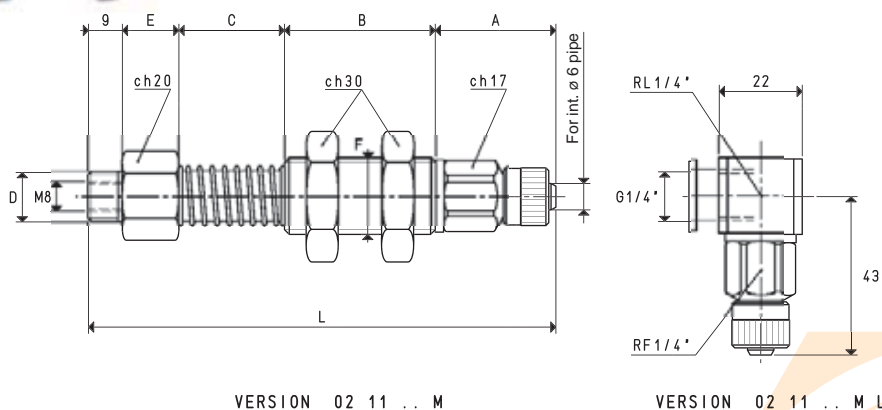
CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	A	B	C	D Ø	E	F Ø	L	Weight g
02 11 28	32	40	28	M12	20	M20	120	226
02 11 65	32	40	65	M12	20	M20	157	264
02 11 95	32	40	95	M12	20	M20	187	291

Note: Add the letter L to the code to order L-type fittings.



Basic cup holders with threaded male connectors



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	A	B	C	D Ø	E	F Ø	L	Weight g
02 11 28 M	32	40	28	M12	15	M20	124	223
02 11 65 M	32	40	65	M12	15	M20	161	264
02 11 95 M	32	40	95	M12	15	M20	191	293

Note: Add the letter L to the code to order L-type fittings.

3D drawings available at www.vuototecnica.net

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

2.79



2

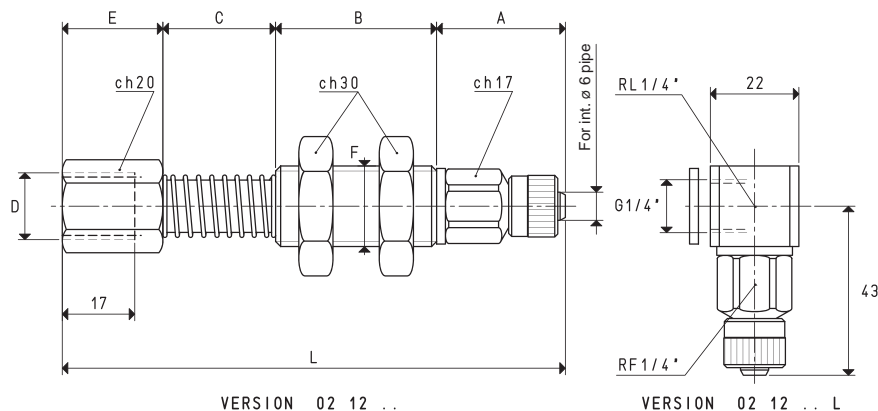


BASIC CUP HOLDERS WITH THREADED MALE AND FEMALE CONNECTORS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm

Basic cup holders with threaded female connectors

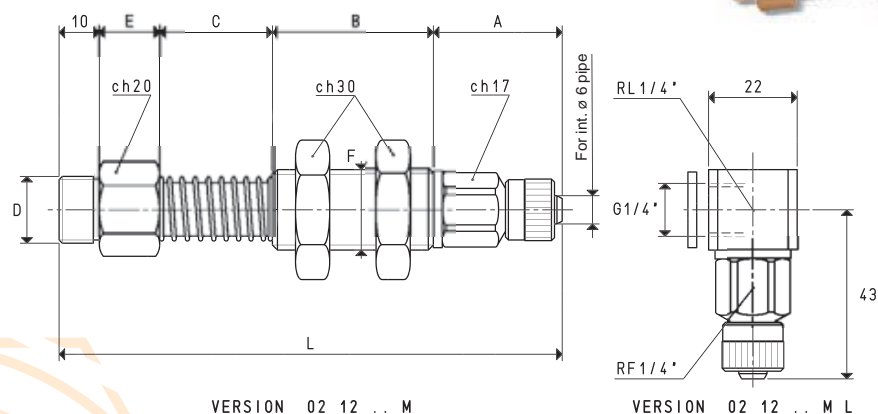


CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE \varnothing 6 X 8

Art.	A	B	C	D	E	F	L	Weight
				\varnothing		\varnothing		g
02 12 28	32	40	28	G3/8"	25	M20	125	220
02 12 65	32	40	65	G3/8"	25	M20	162	259
02 12 95	32	40	95	G3/8"	25	M20	192	285

Note: Add the letter L to the code to order L-type fittings.

Basic cup holders with threaded male connectors



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE \varnothing 6 X 8

Art.	A	B	C	D	E	F	L	Weight
				\varnothing		\varnothing		g
02 12 28 M	32	40	28	G3/8"	15	M20	125	237
02 12 65 M	32	40	65	G3/8"	15	M20	162	274
02 12 95 M	32	40	95	G3/8"	15	M20	192	303

Note: Add the letter L to the code to order L-type fittings.

3D drawings available at www.vuototecnica.net

2.80

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$



2



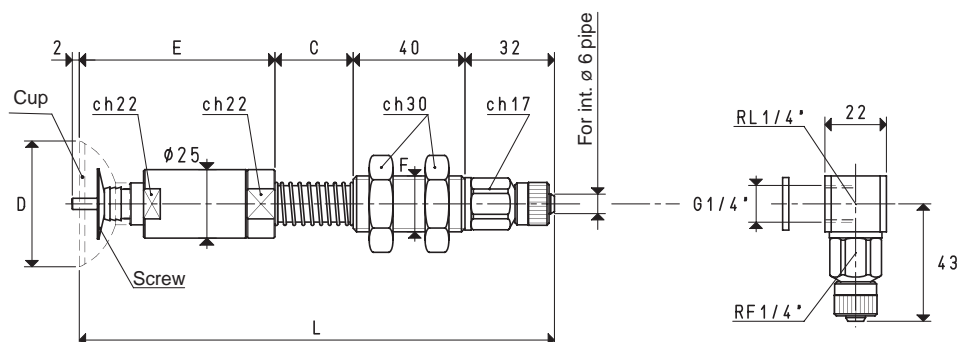
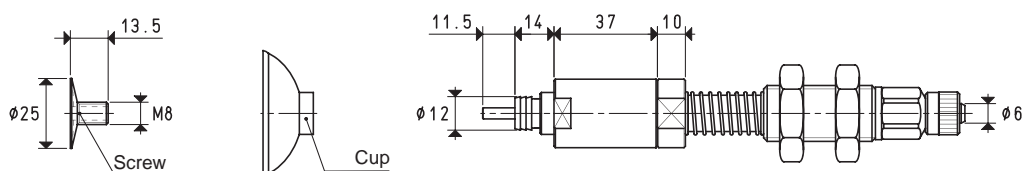
BASIC CUP HOLDERS WITH PLUNGER VALVE

These cup holders share the same technical features as the other basic cup holders. Their distinctive feature is the plunger valve solidly connected to a conical valve, which activates the suction, thus creating vacuum, only when the cups come in contact with the load to be lifted.

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm

2



VERSION 03 45 10

VERSION 03 45 10 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Screw included art.	Weight		
									C = 65 mm	C = 95 mm	
									g	g	g
03 45 10	3.98	28	45	70	M20	170	01 45 10	00 20 13	344.7	381.7	415.7

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$



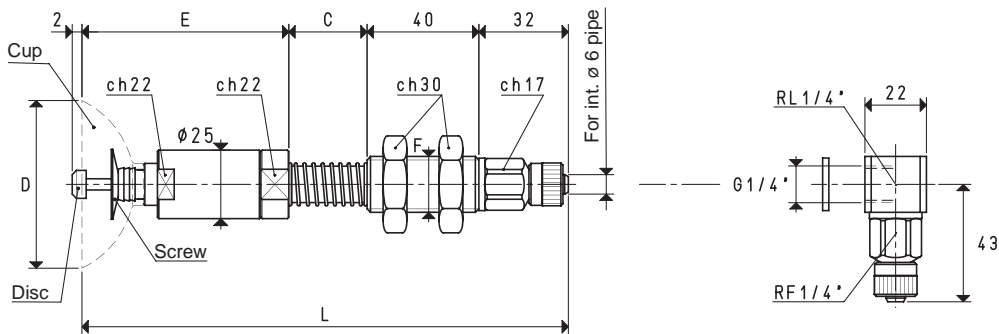
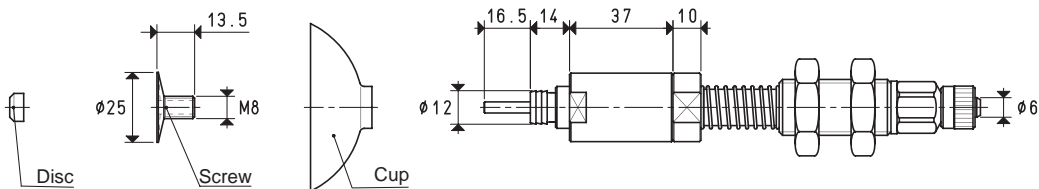
2



BASIC CUP HOLDERS WITH PLUNGER VALVE

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 03 60 10

VERSION 03 60 10 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8										C = 65 mm	C = 95 mm	
Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Screw included art.	Disc included art.	Weight g	Weight g	Weight g
03 60 10	7.06	28	60	72	M20	172	01 60 10	00 20 13	00 03 22	361.9	399.9	432.9

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.
Add the letter L to the code to order L-type fittings.

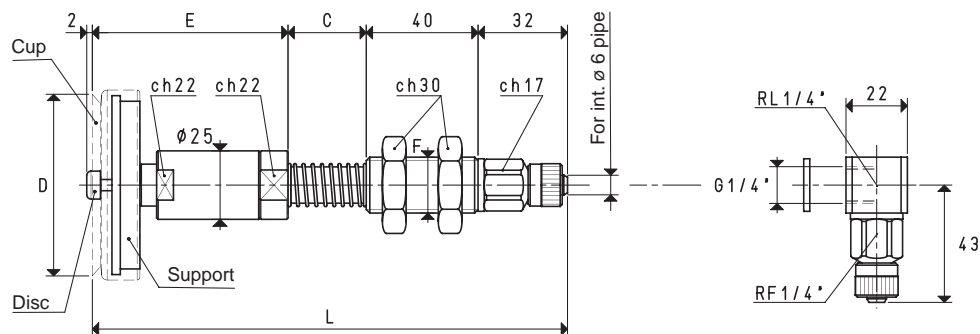
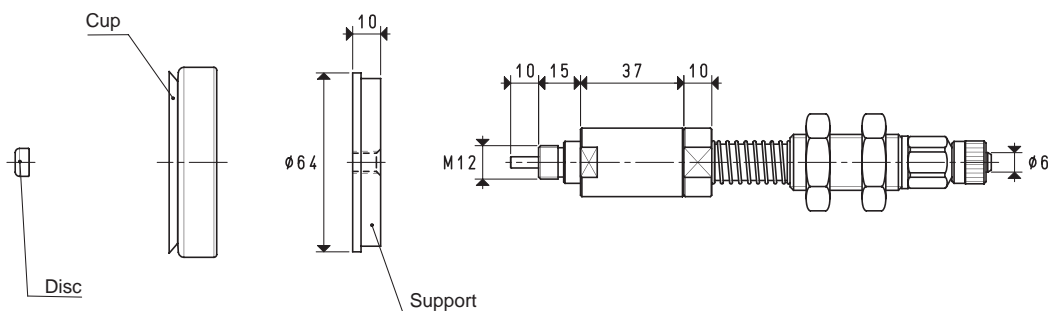
* Also available with height C of 65 mm and 95 mm



BASIC CUP HOLDERS WITH PLUNGER VALVE

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 03 65 15

VERSION 03 65 15 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Support included art.	Disc included art.	C = 65 mm			C = 95 mm		
										Weight g	Weight g	Weight g	Weight g	Weight g	Weight g
03 65 15	8.29	28	65	70	M20	170	01 65 15	00 08 32	00 03 22	459.4	497.4	530.4			

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

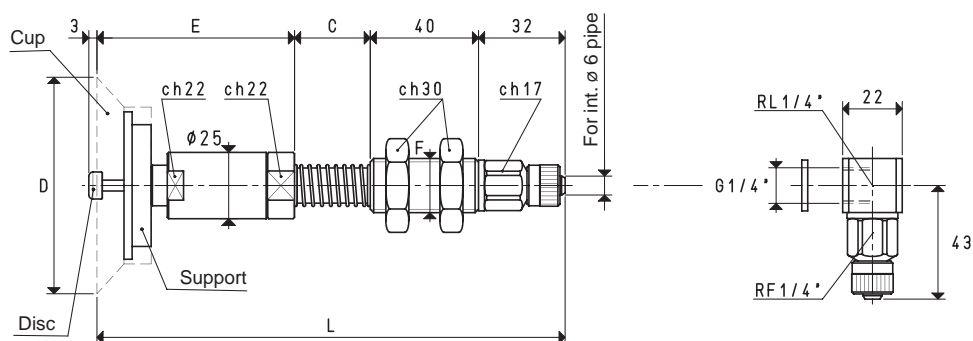
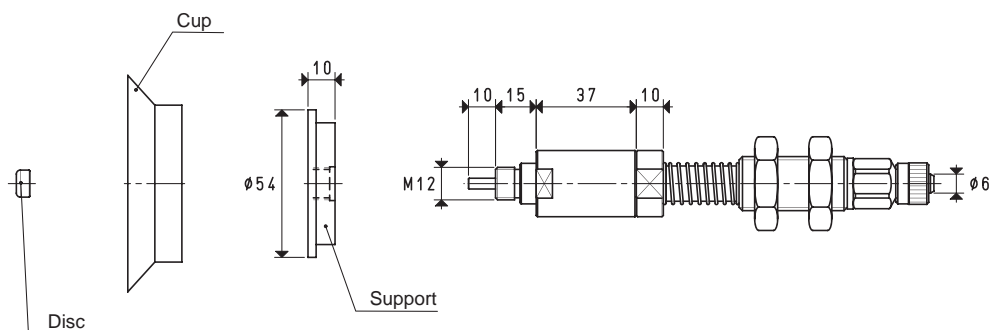
Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$; Kg = $\frac{\text{g}}{0.4536}$



BASIC CUP HOLDERS WITH PLUNGER VALVE

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 03 80 20

VERSION 03 80 20 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Support included art.	Disc included art.	C = 65 mm			C = 95 mm		
										Weight g	Weight g	Weight g	Weight g	Weight g	Weight g
03 80 20	12.56	28	80	73	M20	173	01 80 20	00 08 126	00 03 22	432.2	470.2	503.2			

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

2.84

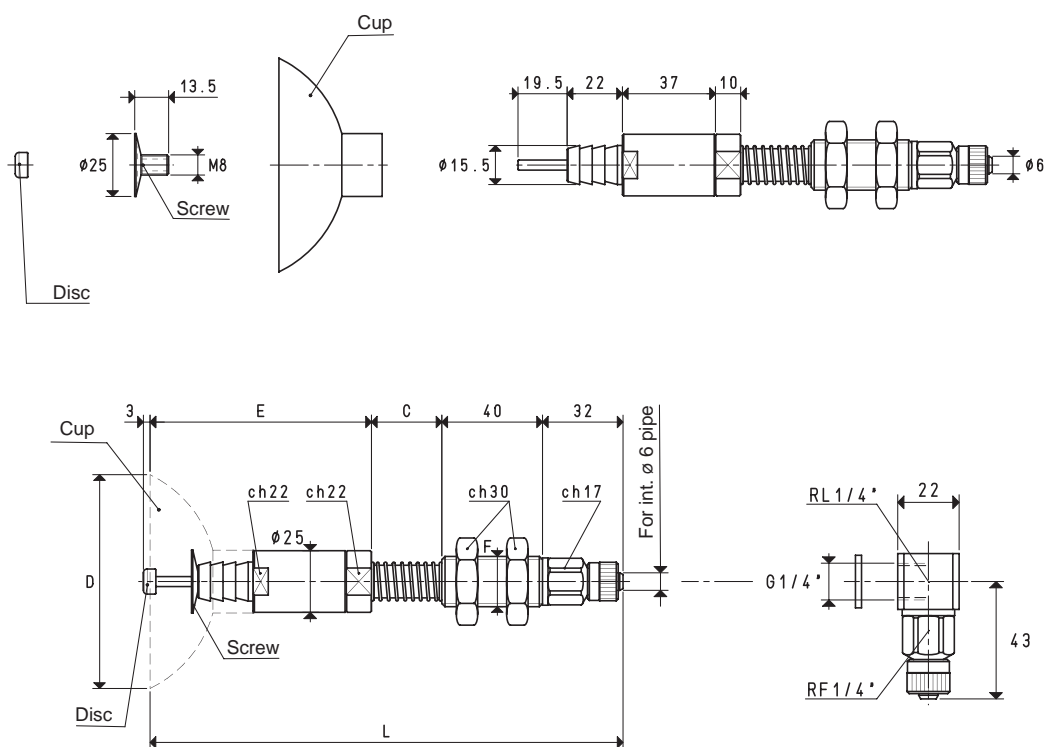
Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = 0.4536



BASIC CUP HOLDERS WITH PLUNGER VALVE

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 03 85 10

VERSION 03 85 10 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Screw included art.	Disc included art.	C = 65 mm C = 95 mm		
										Weight g	Weight g	Weight g
03 85 10	14.18	28	85	92	M20	192	01 85 10	00 20 13	00 03 22	420.9	462.9	483.9

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$



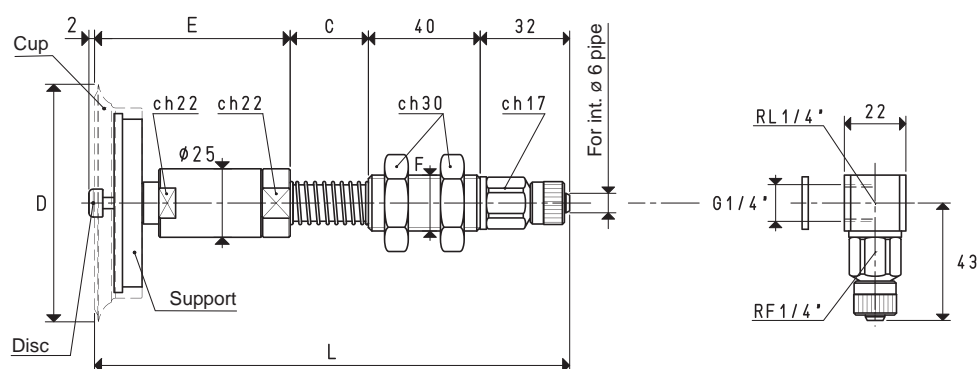
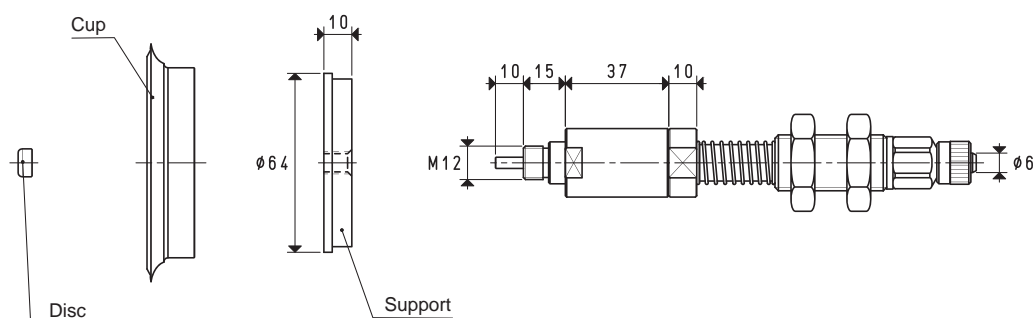
2



2.85

100%

- For height C= 28 mm	16 mm
- For height C= 65 mm	49 mm
- For height C= 95 mm	74 mm



VERSION 03 85 15 L

C = 65 mm C = 95 mm

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Support included art.	Disc included art.	Weight g	Weight g	Weight g
03 85 15	14.18	28	85	70	M20	170	01 85 15	00 08 32	00 03 22	477.7	515.7	548.7

Add the letter L to the code to order L-type fittings.

* Also available with height C of 65 mm and 95 mm

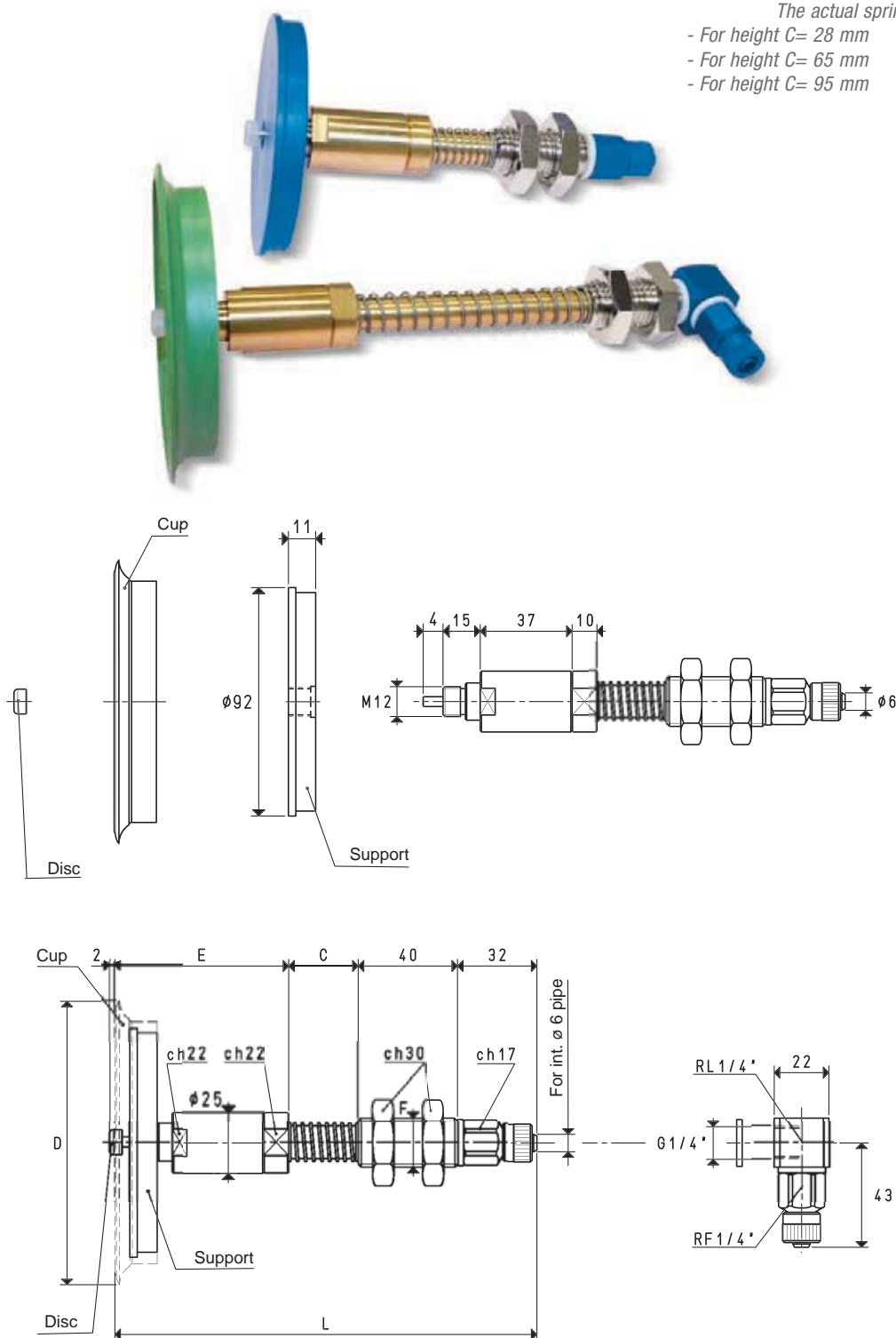
Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

BASIC CUP HOLDERS WITH PLUNGER VALVE

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm

2



VERSION 03 110 10

VERSION 03 110 10 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	*C	D Ø	E	F Ø	L	Cup art.	Support included art.	Disc included art.	C = 65 mm C = 95 mm		
										Weight g	Weight g	Weight g
03 110 10	23.74	28	114	70	M20	170	01 110 10	00 08 33	00 03 22	618.3	549.3	683.3

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Add the letter L to the code to order L-type fittings.

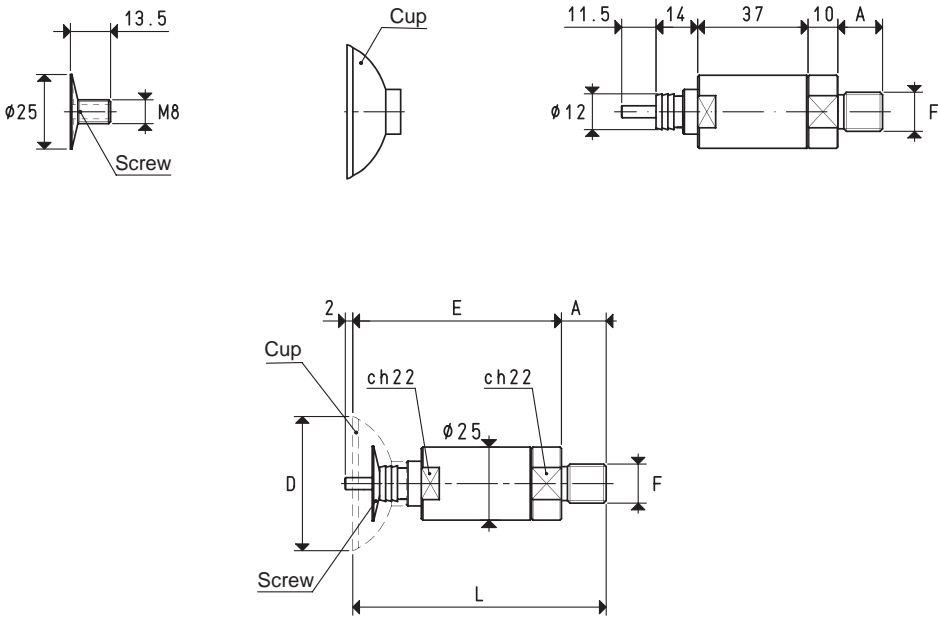
* Also available with height C of 65 mm and 95 mm

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$; Kg = $\frac{\text{g}}{0.4536}$



BASIC CUP HOLDERS WITH PLUNGER VALVE, WITH NO SPRINGING

They have the same function as the previously described basic cup holders with plunger valve, but for a further reduction of overall dimensions, the cushioning spring, the threaded pipe with nuts for fixing to the machine and the rapid coupler have been removed. This type of cup holder must be assembled onto the vacuum manifold by means of a threaded male shank on its end.



VERSION 03 45 11

Art.	Force Kg	A	D Ø	E	F Ø	L	Cup art.	Screw included art.	Weight g
03 45 11	3.98	15	45	70	G1/4"	85	01 45 10	00 20 13	174.7

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

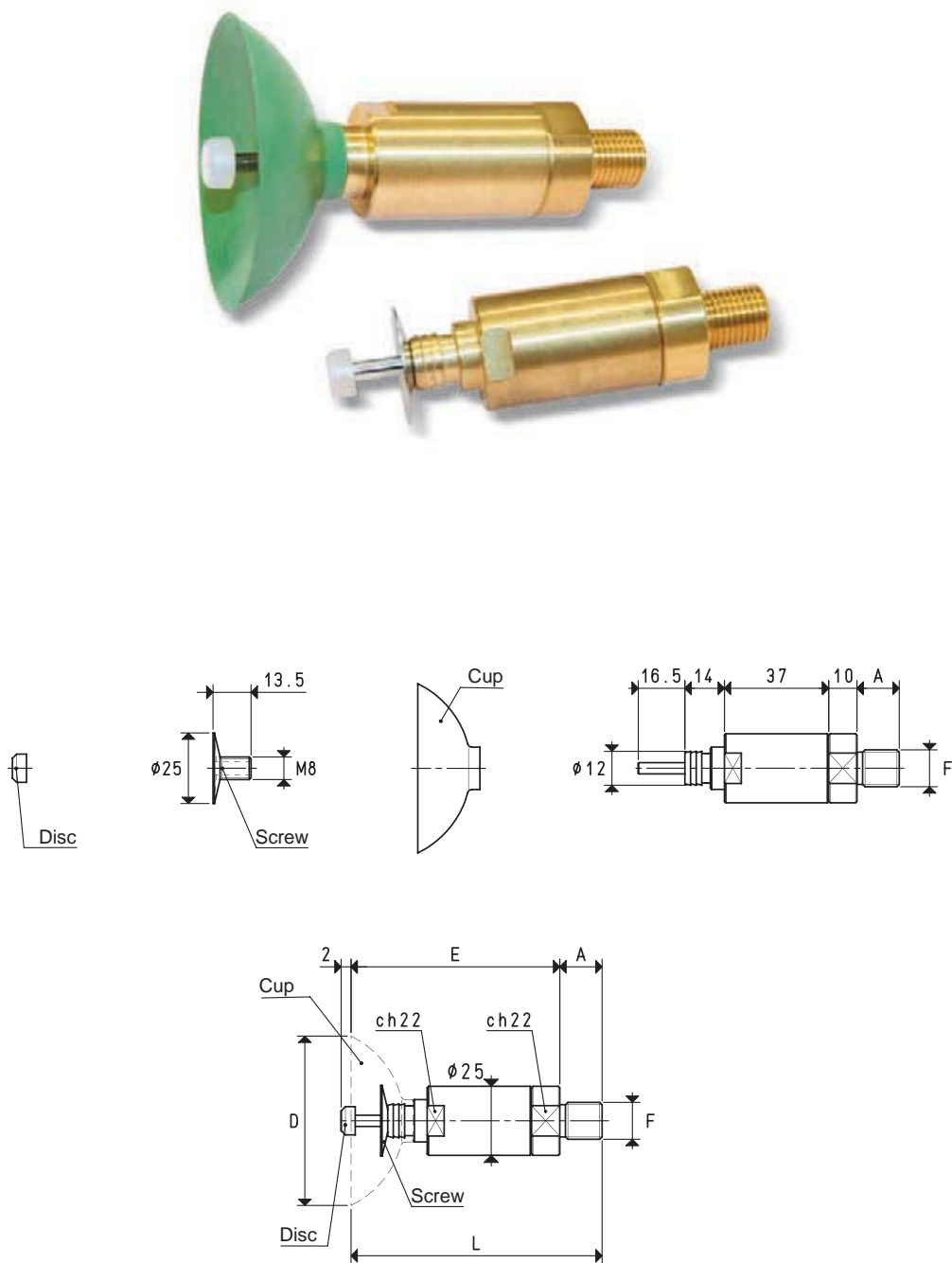
2.88

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$



BASIC CUP HOLDERS WITH PLUNGER VALVE, WITH NO SPRINGING

2



VERSION 03 60 11

3D drawings available at www.vuototecnica.net

Art.	Force Kg	A	D Ø	E	F Ø	L	Cup art.	Screw included art.	Disc included art.	Weight g
03 60 11	7.06	15	60	72	G1/4"	87	01 60 10	00 20 13	00 03 22	191.9

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$

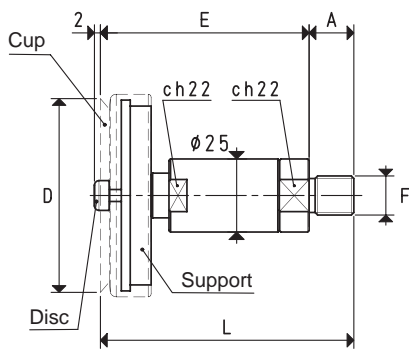
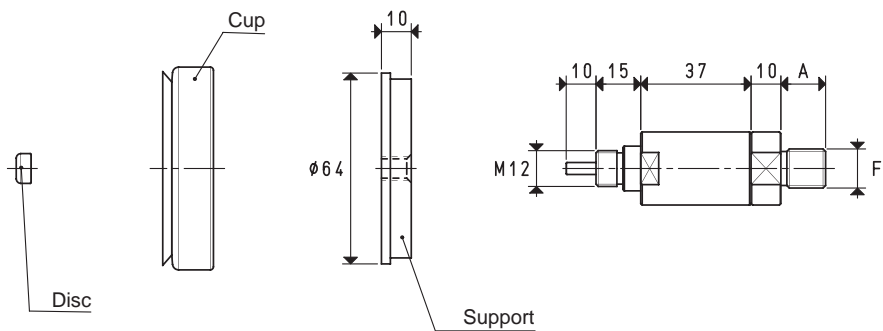
2.89



2



BASIC CUP HOLDERS WITH PLUNGER VALVE, WITH NO SPRINGING



VERSION 03 65 16

Art.	Force Kg	A	D Ø	E	F Ø	L	Cup art.	Support included art.	Disc included art.	Weight g
03 65 16	8.29	15	65	70	G1/4"	85	01 65 15	00 08 32	00 03 22	287.4

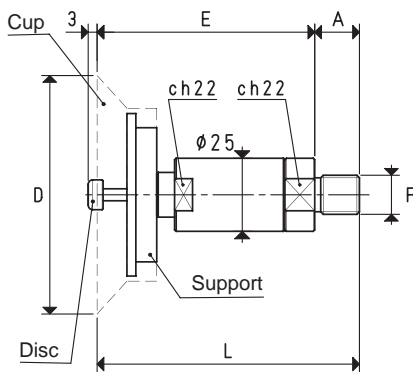
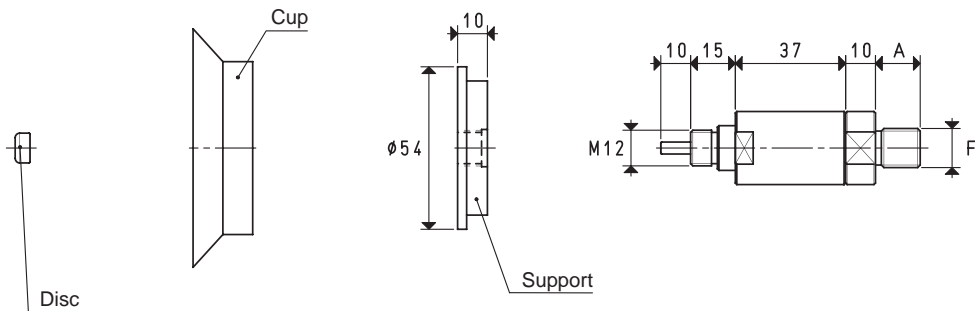
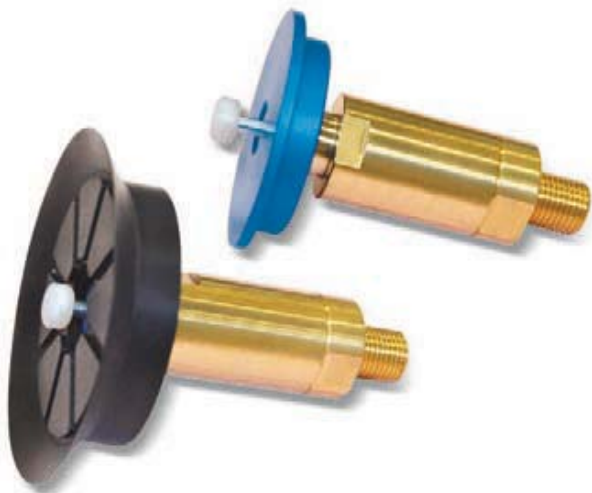
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

2.90

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$



BASIC CUP HOLDERS WITH PLUNGER VALVE, WITH NO SPRINGING



VERSION 03 80 21

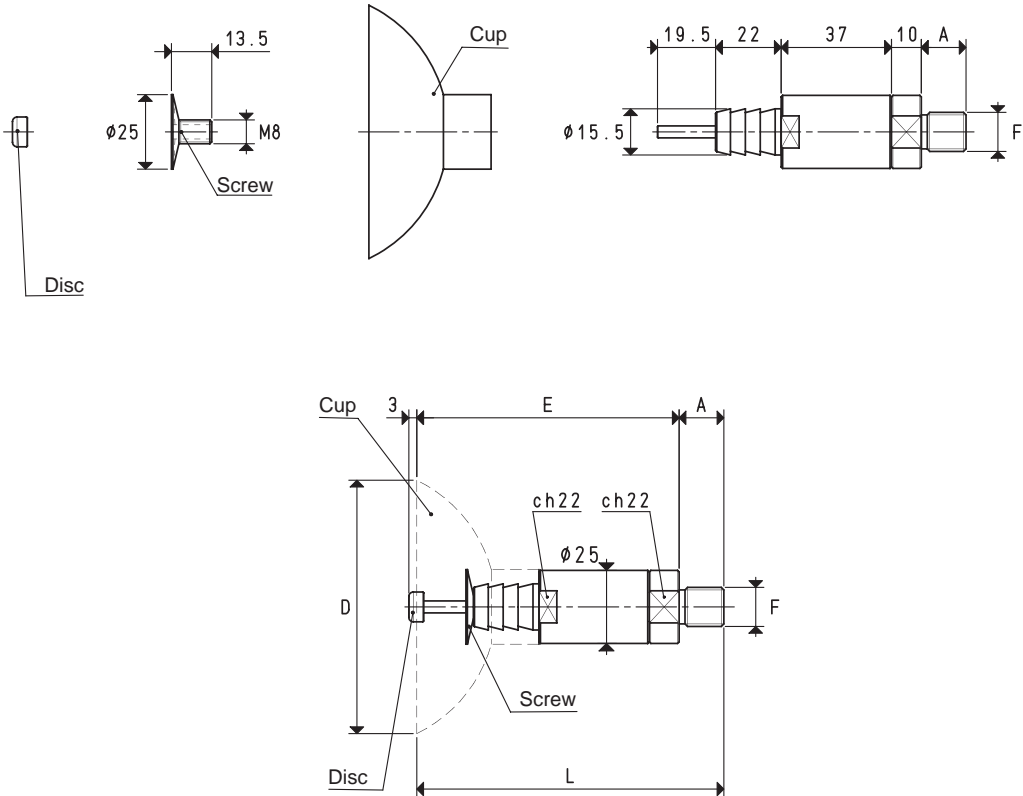
Art.	Force Kg	A	D Ø	E	F Ø	L	Cup art.	Support included art.	Disc included art.	Weight g
03 80 21	12.56	15	80	73	G1/4"	88	01 80 20	00 08 126	00 03 22	260.2

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$

3D drawings available at www.vuototecnica.net

BASIC CUP HOLDERS WITH PLUNGER VALVE, WITH NO SPRINGING



VERSION 03 85 11

Art.	Force Kg	A	D Ø	E	F Ø	L	Cup art.	Screw included art.	Disc included art.	Weight g
03 85 11	14.18	15	85	92	G1/4"	107	01 85 10	00 20 13	00 03 22	247.9

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

2.92

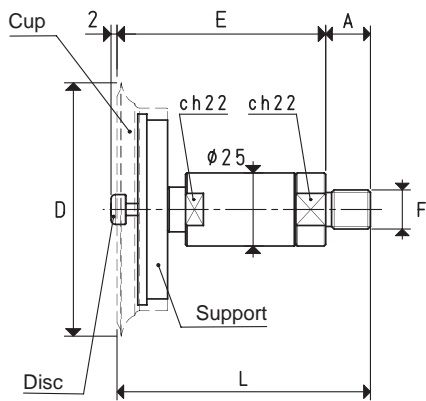
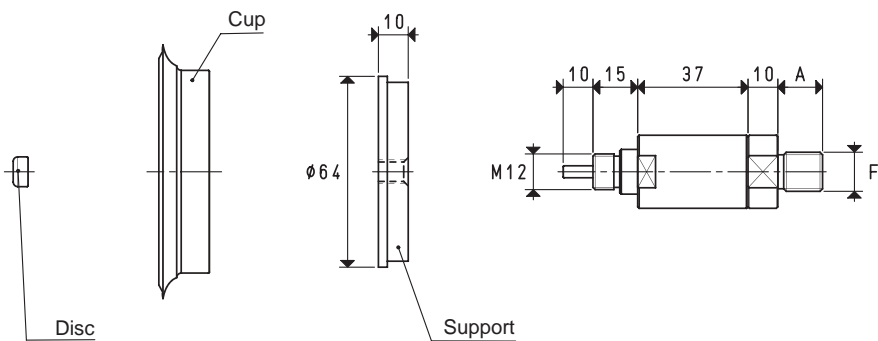
Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$



2



BASIC CUP HOLDERS WITH PLUNGER VALVE, WITH NO SPRINGING



VERSION 03 85 16

3D drawings available at www.vuototecnica.net

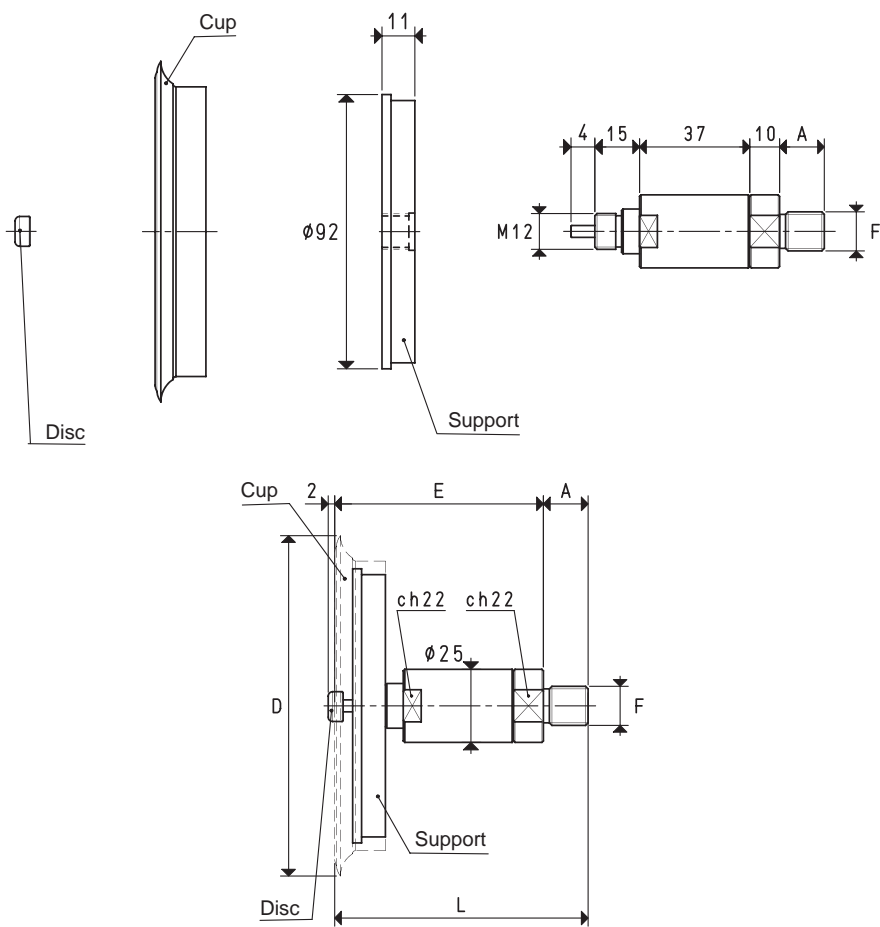
Art.	Force Kg	A	D Ø	E	F Ø	L	Cup art.	Support included art.	Disc included art.	Weight g
03 85 16	14.18	15	85	70	G1/4"	85	01 85 15	00 08 32	00 03 22	302.7

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$



BASIC CUP HOLDERS WITH PLUNGER VALVE, WITH NO SPRINGING



VERSION 03 110 11

Art.	Force Kg	A	D Ø	E	F Ø	L	Cup art.	Support included art.	Disc included art.	Weight g
03 110 11	23.74	15	114	70	G1/4"	85	01 110 10	00 08 33	00 03 22	441.3

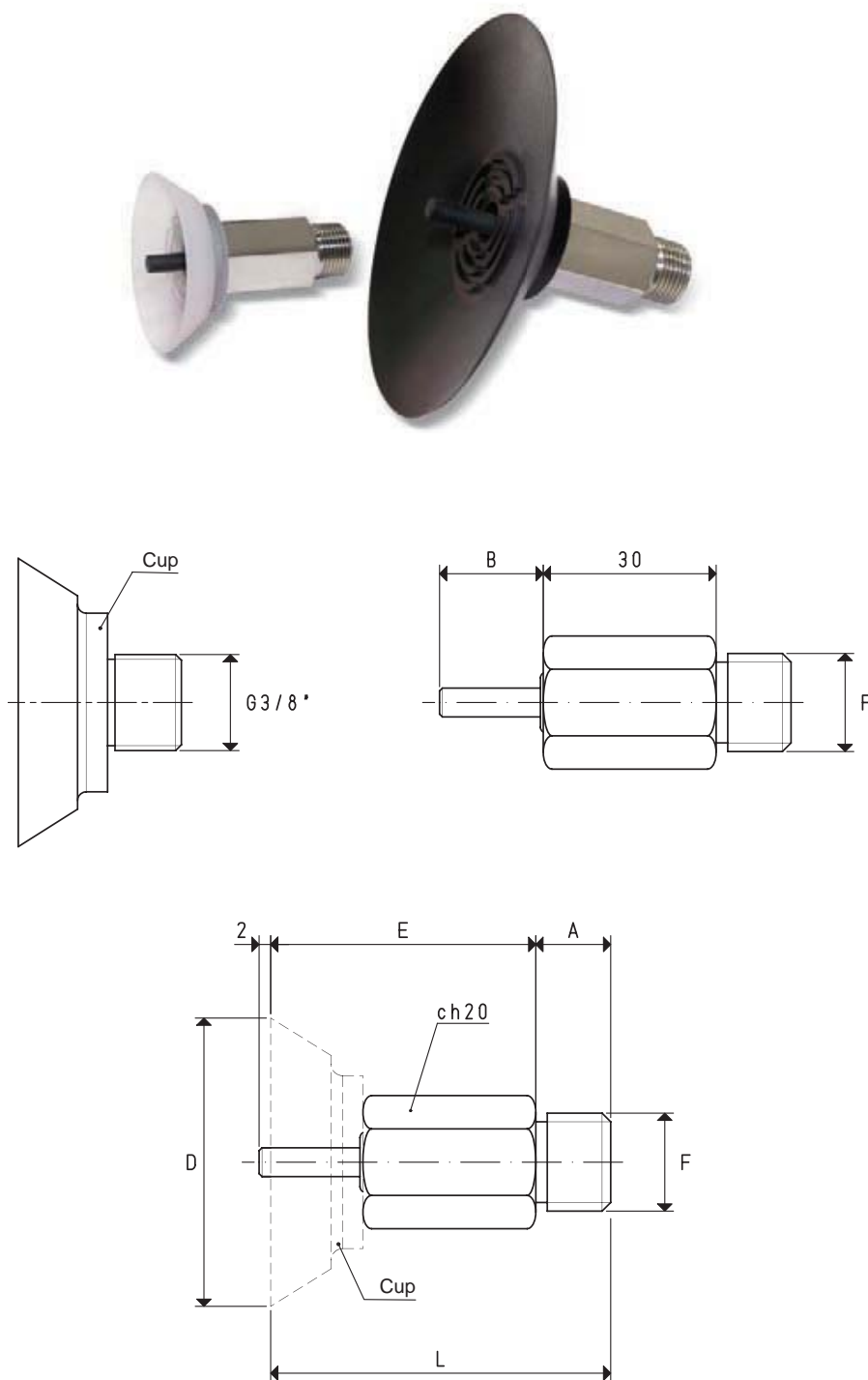
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

3D drawings available at www.vuototecnica.net



BASIC CUP HOLDERS WITH PLUNGER VALVE, WITH NO SPRINGING

2



VERSION 03

Art.	Force Kg	A	B	D Ø	E	F Ø	L	Cup art.	Weight g
03 50 41	4.90	13	18.0	50	46.0	G3/8"	59.0	08 50 40	100.6
03 75 41	11.04	13	27.0	75	55.0	G3/8"	68.0	08 75 40	120.0
03 100 41	19.62	13	28.0	100	56.0	G3/8"	69.0	08 100 40	140.4
03 100 51	19.62	13	32.5	100	60.5	G3/8"	73.5	08 100 50	136.9

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$

3D drawings available at www.vuototecnica.net

2.95



2



BASIC CUP HOLDERS WITH BUILT-IN SHUT-OFF VALVE

Along with all the other features they share with the other basic cup holders, these have a built-in shut-off valve.

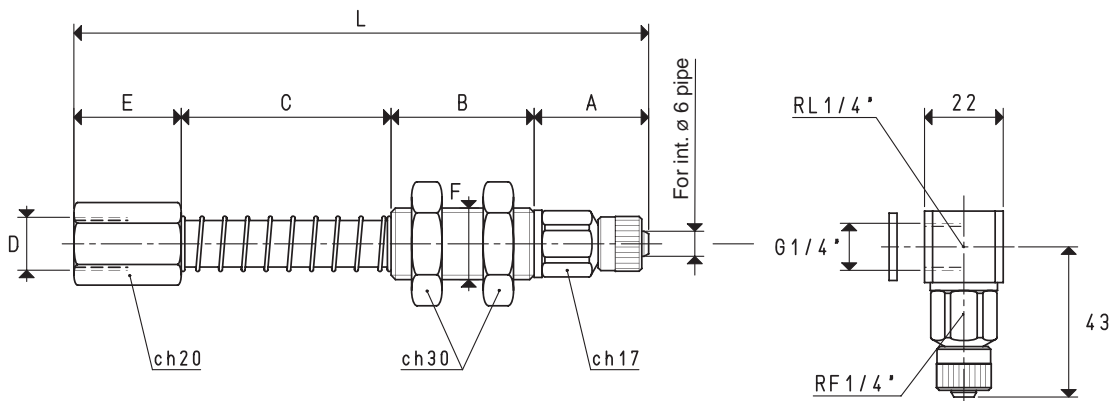
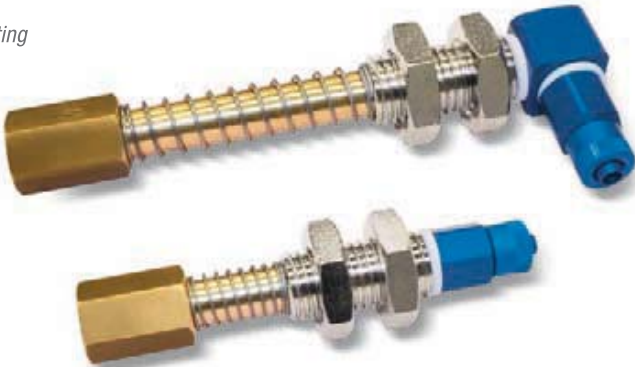
The purpose of the shut-off valve is to automatically close suction when the cup is not in contact with the surface of the load to be handled or in case of a faulty grip or of considerable transpiration, thus preventing the reduction of the vacuum level on the remaining cups of the system which are regularly handling the load.

The clear advantage of this system is that the positioning or the exclusion of the non-gripping cups are no longer binding.

Cups with diameters ranging from 35 mm to 85 mm can be assembled onto these cup holders, as long as they are provided with a threaded 1/4" gas male support.

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 99 . .

VERSION 02 99 . . L

3D drawings available at www.vuototecnica.net

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8								
Art.	A	B	C	D Ø	E	F Ø	L	Weight g
02 99 28	32	40	28	G1/4"	30	M20	130	256
02 99 65	32	40	65	G1/4"	30	M20	167	301
02 99 95	32	40	95	G1/4"	30	M20	197	333

Note: Add the letter L to the code to order L-type fittings.

2.96

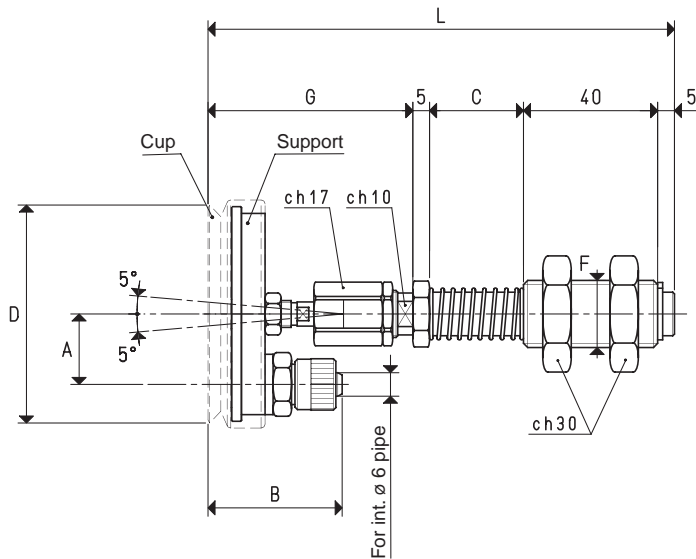
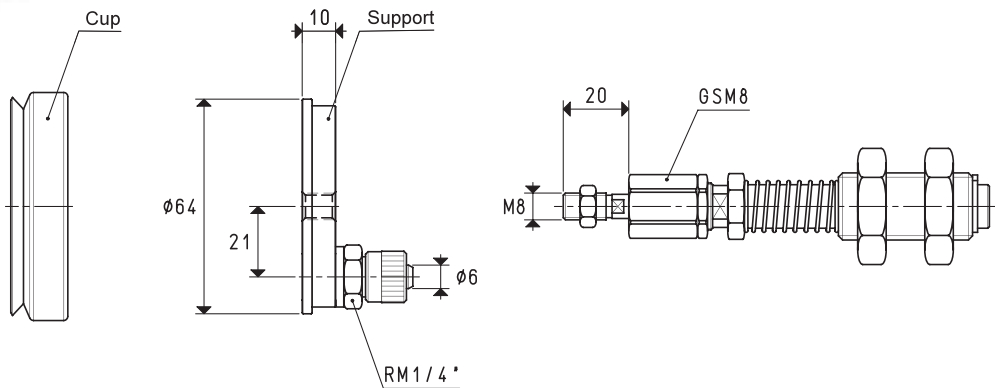
Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$



BASIC ARTICULATED CUP HOLDERS

The distinctive feature of these cup holders is their articulated joint in hardened steel, which allows the flat cups installed on these cup holders to adapt themselves to the loads to be lifted with slightly tilted surfaces, as well as to compensate possible verticality errors that can arise between the cup holder and the machine fixing support.

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 65 20

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	A	B	*C	D Ø	F Ø	G	L	Cup art.	Support included art.	C = 65 mm C = 95 mm		
											Weight g	Weight g	Weight g
02 65 20	8.29	21	37	28	65	M20	52	130	01 65 15	00 02 36	382.4	431.4	461.4

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

* Also available with height C of 65 mm and 95 mm.

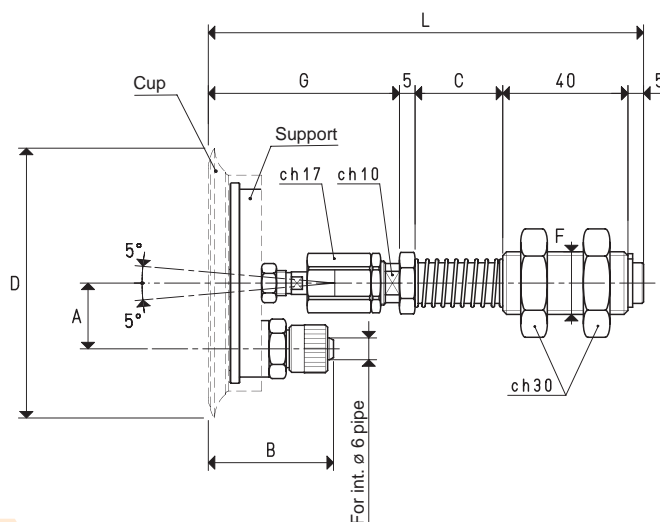
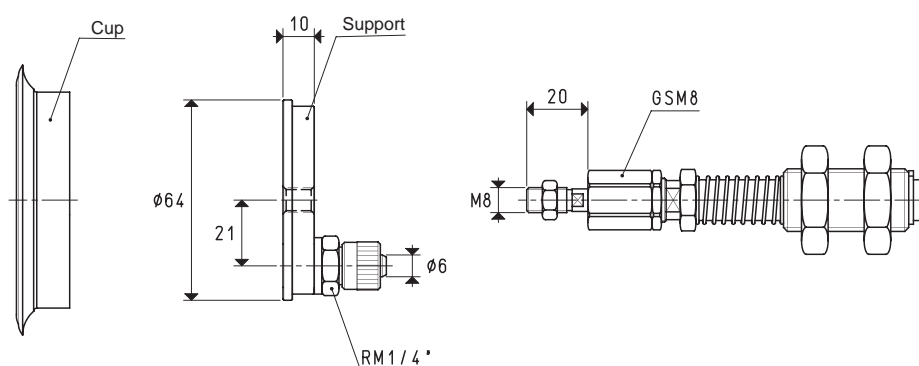
3D drawings available at www.vuototecnica.net

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$



100%

- For height C= 28 mm	16 mm
- For height C= 65 mm	49 mm
- For height C= 95 mm	74 mm



3D drawings available at www.vuototecnica.net

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

* Also available with height C of 65 mm and 95 mm.

Conversion ratio: $\text{inch} = \frac{\text{mm}}{25.4}$; $\text{pounds} = \frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$



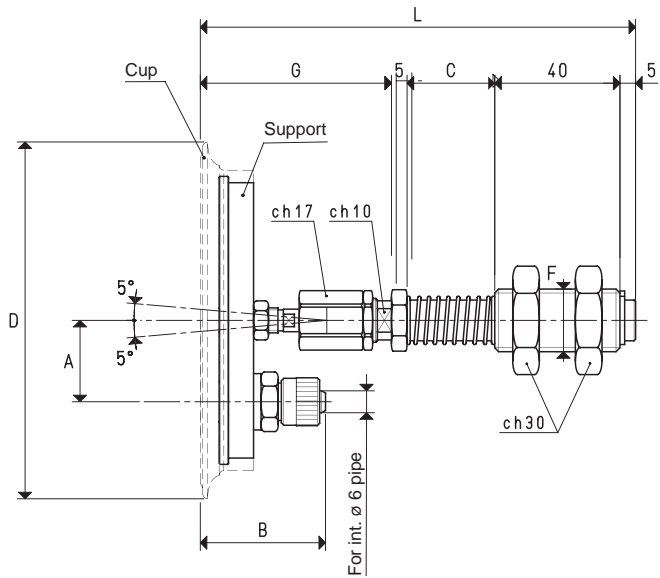
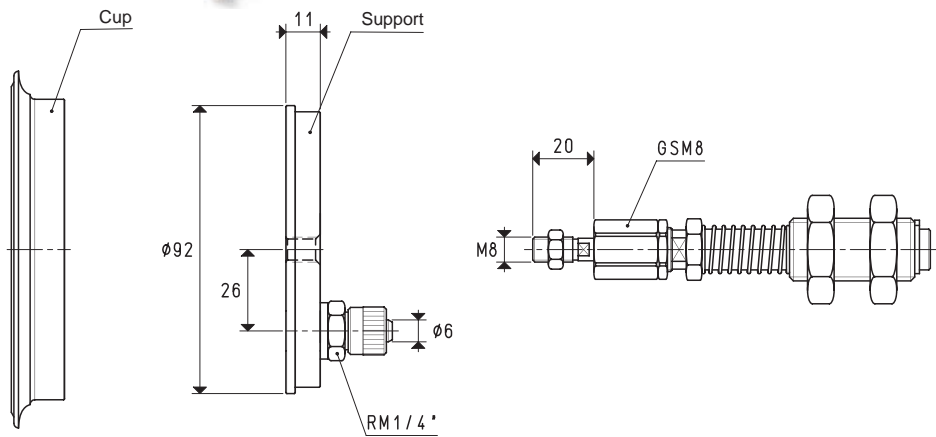
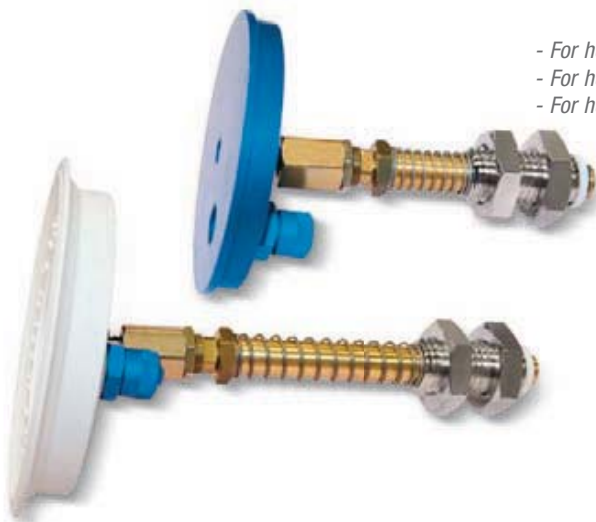
2



BASIC ARTICULATED CUP HOLDERS

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm



VERSION 02 110 20

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	A	B	*C	D Ø	F Ø	G	L	Cup art.	Support included art.	C = 65 mm C = 95 mm		
											Weight g	Weight g	Weight g
02 110 20	23.74	26	37	28	114	M20	52	130	01 110 10	00 02 37	540.3	587.3	614.3

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

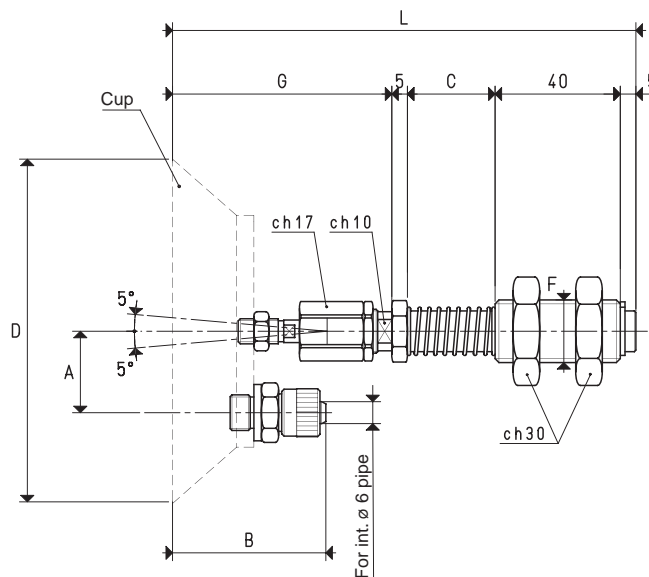
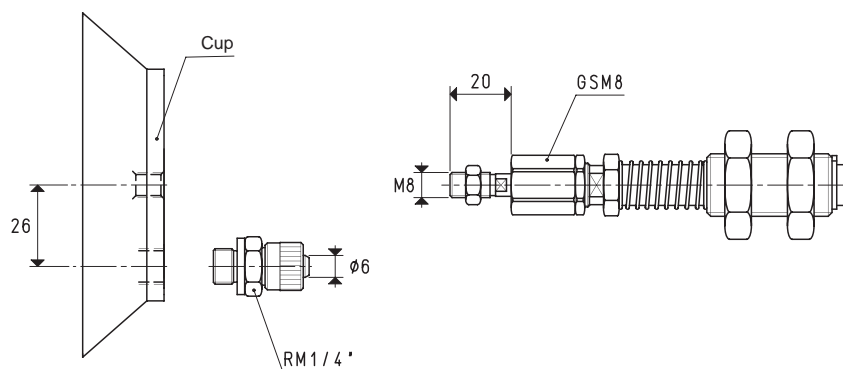
* Also available with height C of 65 mm and 95 mm.

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$



100%

- For height C= 28 mm	16 mm
- For height C= 65 mm	49 mm
- For height C= 95 mm	74 mm



3D drawings available at www.vuototecnica.net

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8										C = 65 mm	C = 95 mm	
Art.	Force Kg	A	B	*C	D Ø	F Ø	G	L	Cup art.	Weight g	Weight g	Weight g
02 110 22	23.74	26	46	28	110	M20	61	139	08 110 40 M8	603	654	683

* Also available with height C of 65 mm and 95 mm.

Conversion ratio: $\text{inch} = \frac{\text{mm}}{25.4}$; $\text{pounds} = \frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$



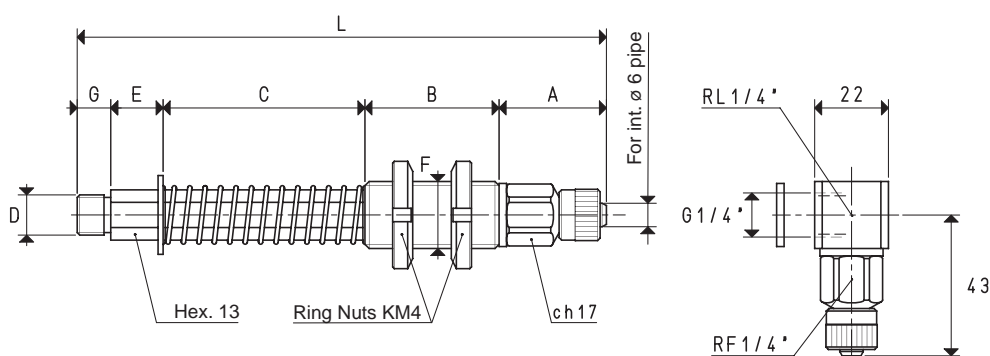
BASIC ANTI-ROTATION CUP HOLDERS

The distinctive features of these cup holders are their brass stem with hexagonal section and the steel drive bush, also with hexagonal hole. This structure prevents the stem and, as a consequence, the cup assembled onto it from rotating on its axis. The drive bush is provided with two fine thread ring nuts to guarantee an accurate fastening of the cup holder to the machine. They are suited for cups with diameters between 45 mm and 110 mm, although they have been specially designed for assembling rectangular, concave or oval cups.

The actual springing stroke is:

- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm

2



VERSION 02 95 ..

VERSION 02 95 .. L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	A	B	C	D Ø	E	F Ø	G	L	Weight g
02 95 28	32	40	28	M12	15	M20 x 1	10	125	180
02 95 65	32	40	65	M12	15	M20 x 1	10	162	225
02 95 95	32	40	95	M12	15	M20 x 1	10	192	246
02 95 28 1/4"	32	40	28	G1/4"	15	M20 x 1	10	125	181
02 95 65 1/4"	32	40	65	G1/4"	15	M20 x 1	10	162	226
02 95 95 1/4"	32	40	95	G1/4"	15	M20 x 1	10	192	247

Note Add the letter L to the code to order L-type fittings.

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$

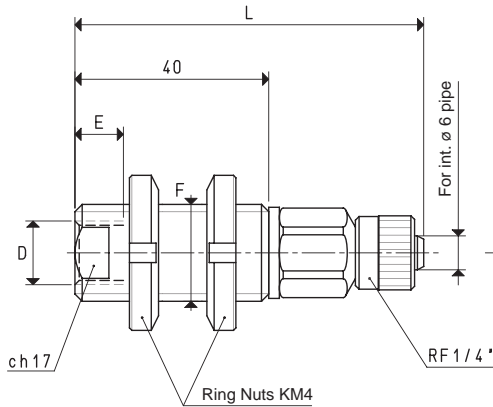


2

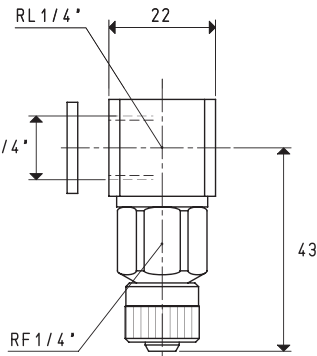


BASIC CUP HOLDERS FIX

They are simply nickel-plated brass threaded bushes, with screwing nuts for height adjustment and with threaded ends, one to assemble the vacuum cup with support and the other for the quick coupling connecting the suction hose.



VERSION 02 91 01

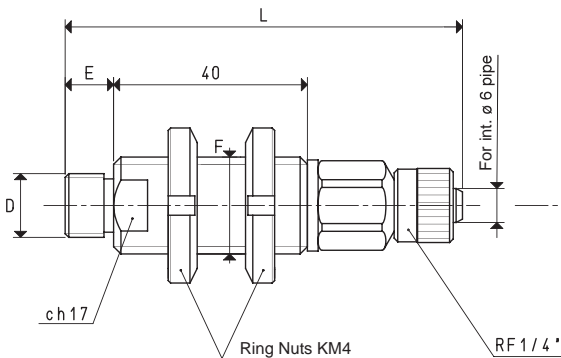


VERSION 02 91 01 L

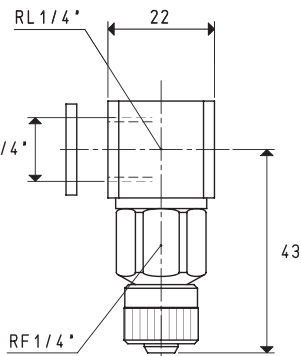
CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	D Ø	E	F Ø	L	Weight g
02 91 01	G1/4"	10	M20 x 1	74	162

Note: Add the letter L to the code to order L-type fittings.



VERSION 02 91 ..



VERSION 02 91 .. L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	D Ø	E	F Ø	L	Weight g
02 91 05	G1/4"	10	M20 x 1	84	170
02 91 06	G3/8"	10	M20 x 1	84	174

Note: Add the letter L to the code to order L-type fittings.

3D drawings available at www.vuototecnica.net

