

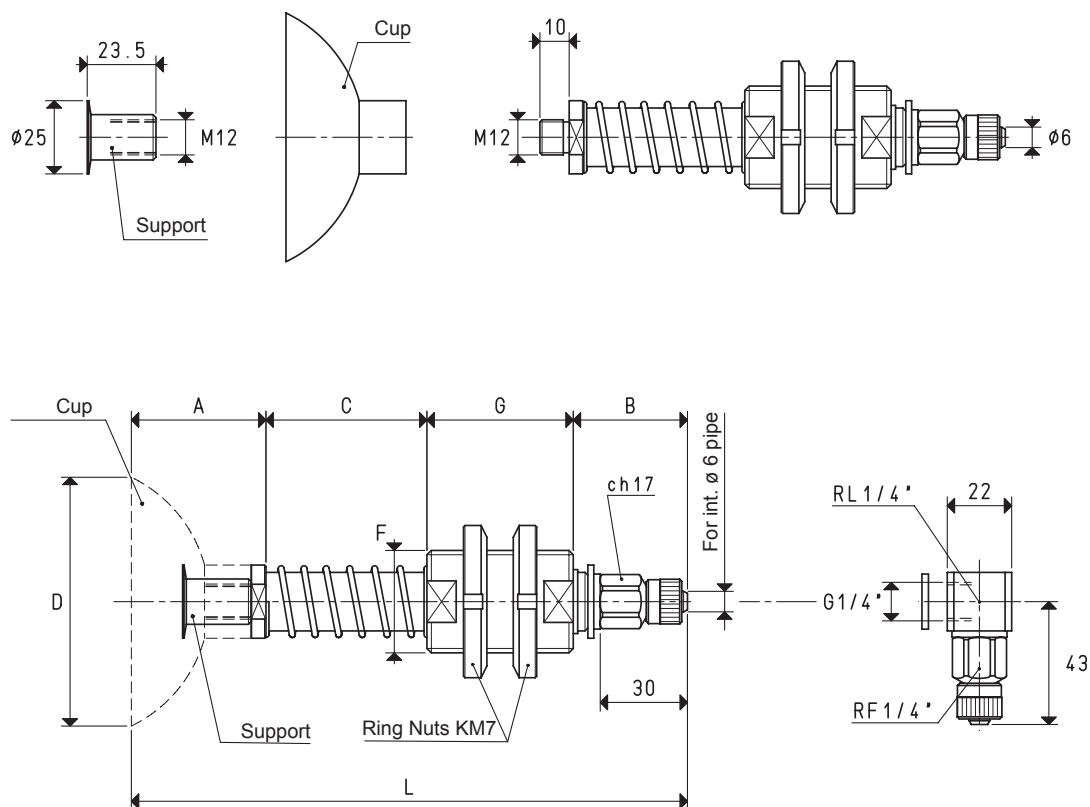
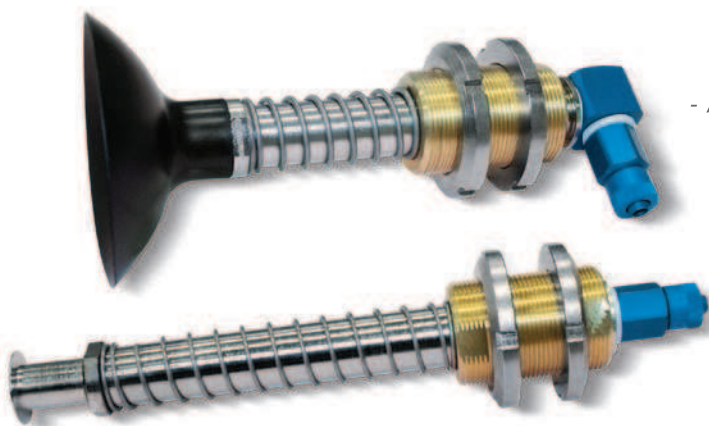
SPECIAL CUP HOLDERS

These special cup holders have been designed to lift and handle heavy loads and to withstand intensive and continuous workloads in dusty or damp environments. They are composed of:

- A chromed steel stem for fastening the cup.
- A brass threaded support with self-lubricating bushes, equipped with two ring nuts for fastening the cup holder to the machine.
- A spring to cushion the impact of the cup with the load to be lifted.
- A quick coupler for connection to the suction hose.

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 85 10

VERSION 06 85 10 L

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.	Weight g	Weight g
06 85 10	14.18	46	39	55	85	M35 x 1.5	50	190	01 85 10	00 08 29	731.9	853.9

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.

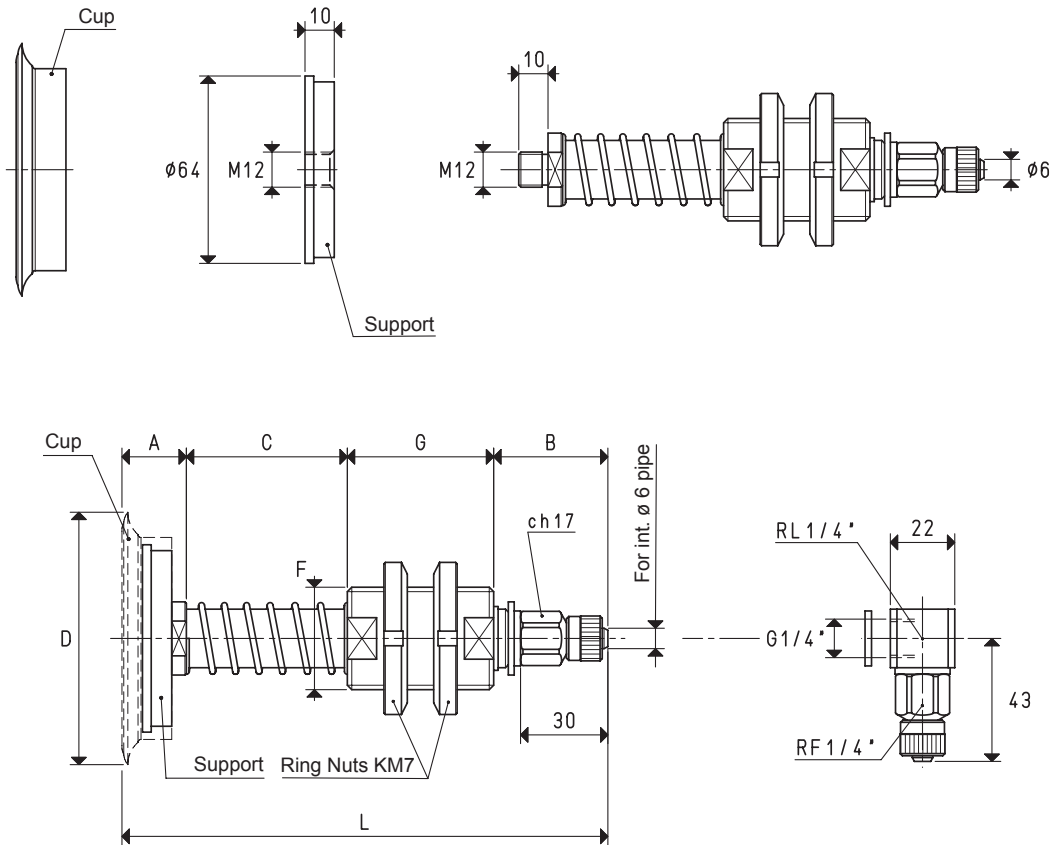
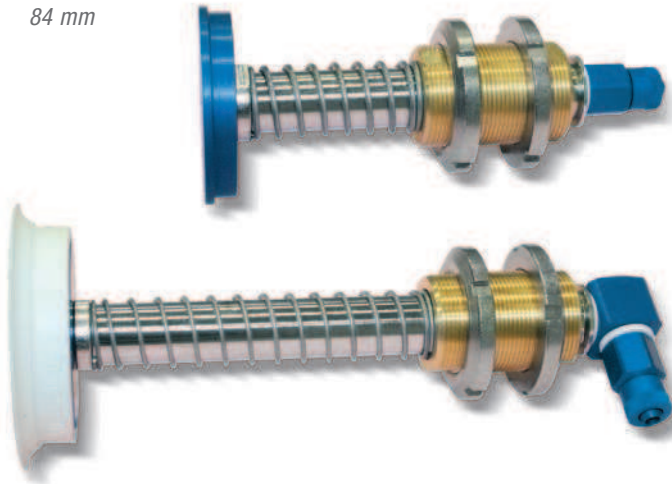
* Also available with height C of 110 mm

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

SPECIAL CUP HOLDERS

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 85 15

VERSION 06 85 15 L

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

C = 110 mm

Art.	Force Kg	A	B	*C	D Ø	F Ø	G	L	Cup art.	Support included art.	Weight g	Weight g
06 85 15	14.18	22	39	55	85	M35 x 1.5	50	166	01 85 15	00 08 32	779.7	899.7

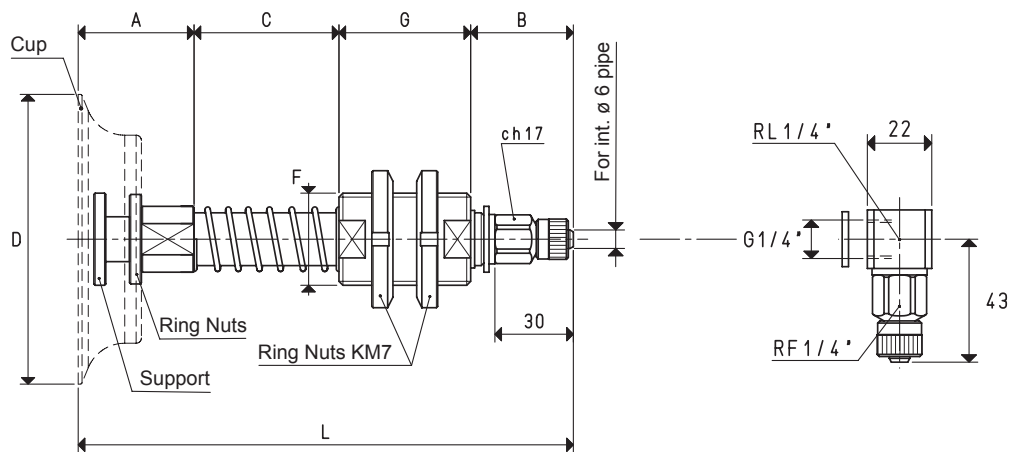
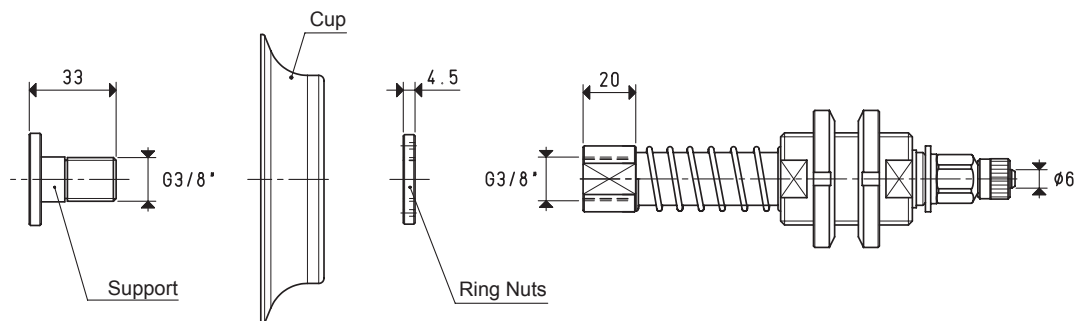
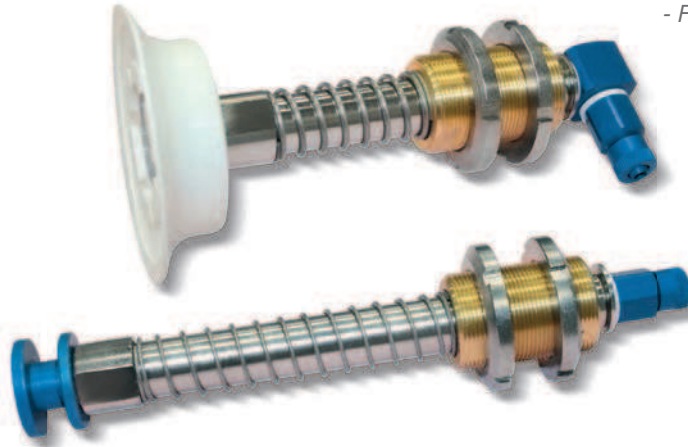
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

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

* Also available with height C of 110 mm

SPECIAL CUP HOLDERS

The actual springing stroke is:
 - For height C= 55 mm 37 mm
 - For height C= 110 mm 84 mm



VERSION 06 90 24

VERSION 06 90 24 L

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.	Ring nut included art.	C = 110 mm	
												Weight g	Weight g
06 90 24	15.89	29	39	55	90	M35 x 1.5	50	173	01 90 24	00 08 110	00 08 111	852.8	974.8

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.

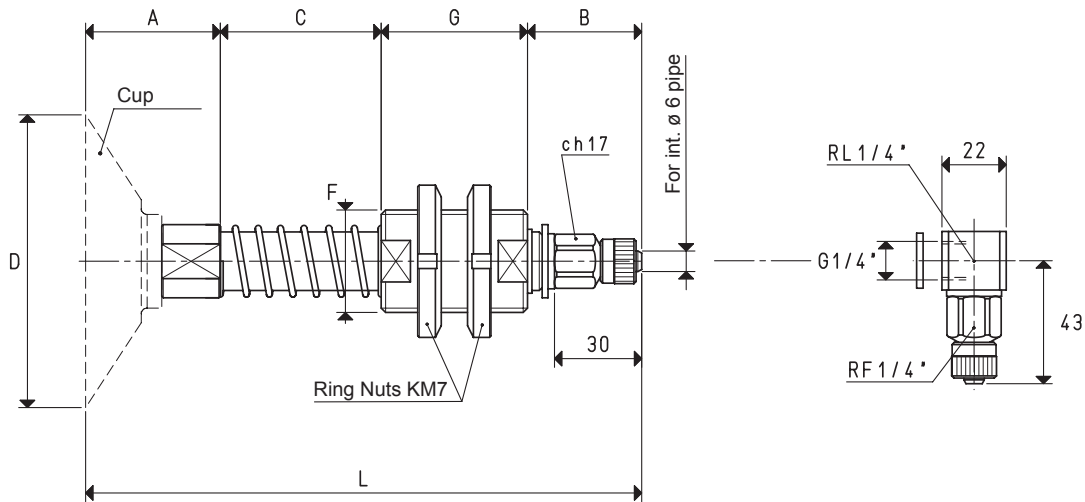
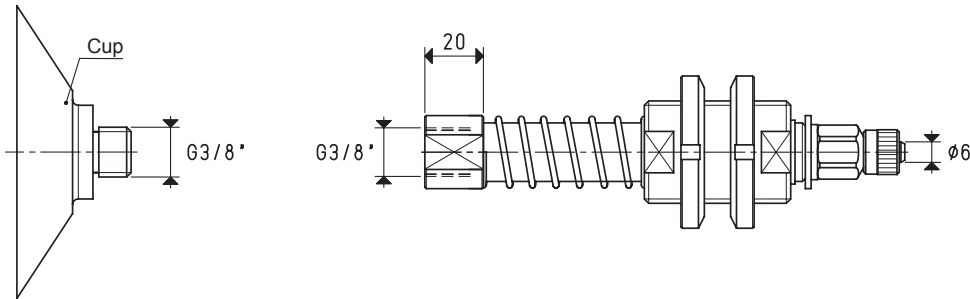
* Also available with height C of 110 mm

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

SPECIAL CUP HOLDERS

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 100 40

VERSION 06 100 40 L

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

C = 110 mm

Art.	Force Kg	A	B	*C	D Ø	F Ø	G	L	Cup art.	Weight g	Weight g
06 100 40	19.62	31	39	55	100	M35 x 1.5	50	175	08 100 40	736	858

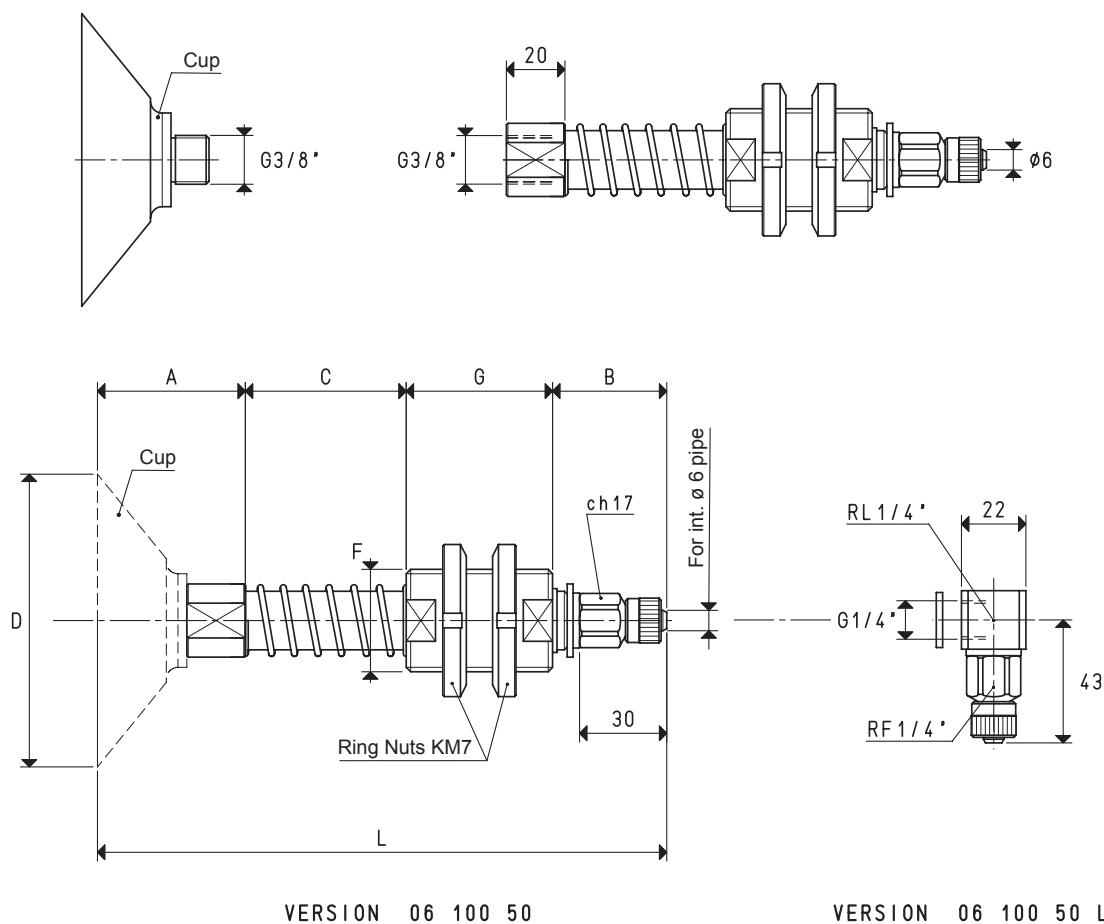
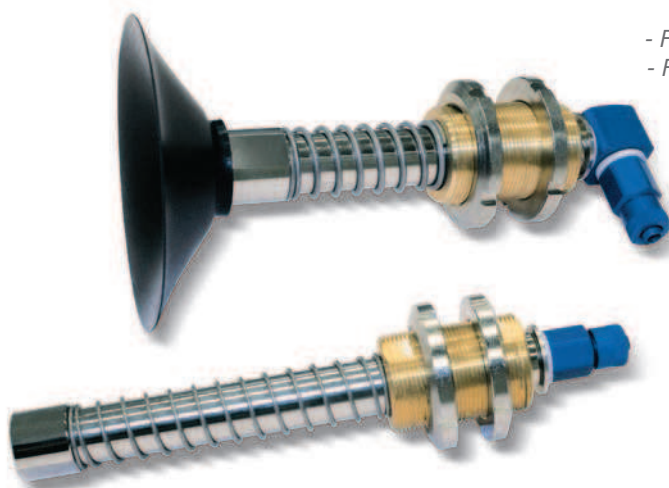
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

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

* Also available with height C of 110 mm

SPECIAL CUP HOLDERS

The actual springing stroke is:
 - For height C= 55 mm 37 mm
 - For height C= 110 mm 84 mm



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8										C = 110 mm	
Art.	Force Kg	A	B	*C	D Ø	F Ø	G	L	Cup art.	Weight g	Weight g
06 100 50	19.62	35.5	39	55	100	M35 x 1.5	50	179.5	08 100 50	732	854

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.

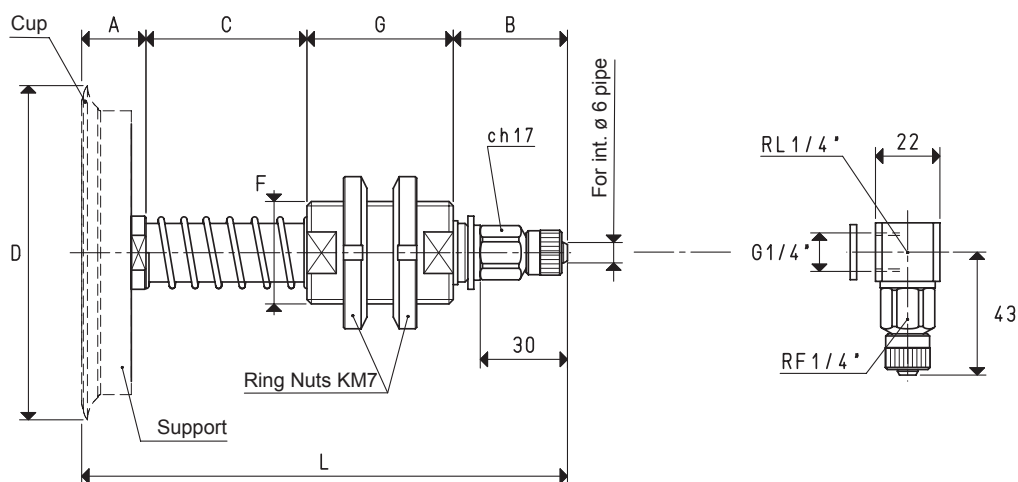
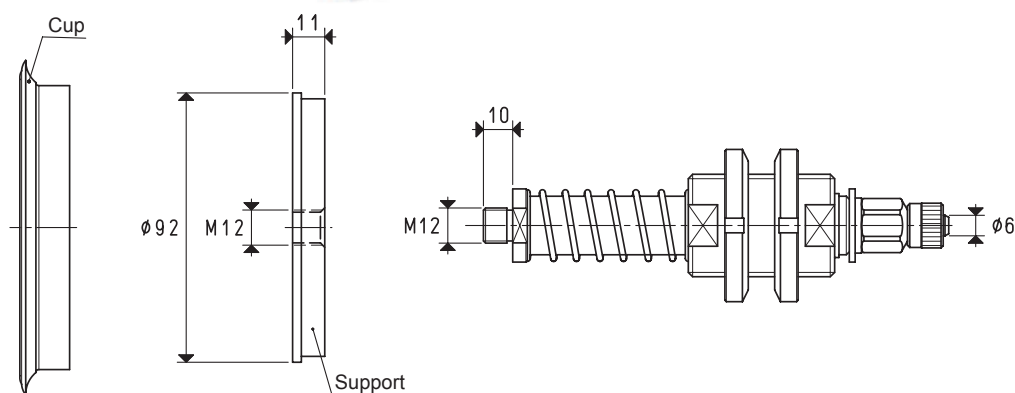
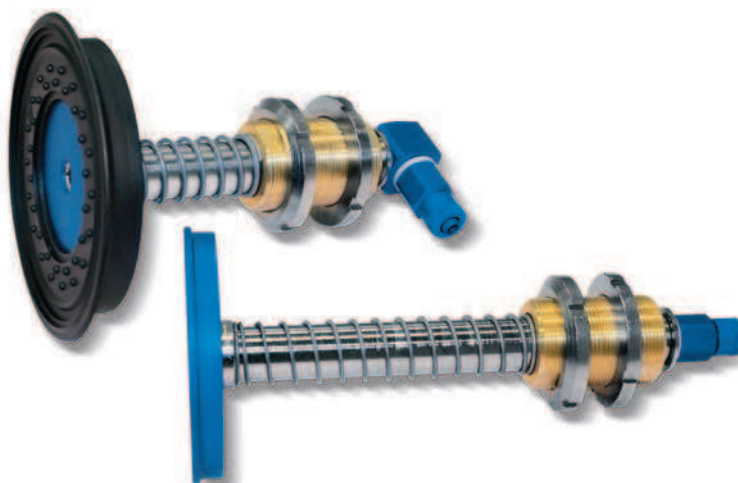
* Also available with height C of 110 mm

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

SPECIAL CUP HOLDERS

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 110 10

VERSION 06 110 10 L

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

C = 110 mm

Art.	Force Kg	A	B	*C	D Ø	F Ø	G	L	Cup art.	Support included art.	Weight g	Weight g
06 110 10	23.74	22	39	55	114	M35 x 1.5	50	166	01 110 10	00 08 33	912.3	1034.3

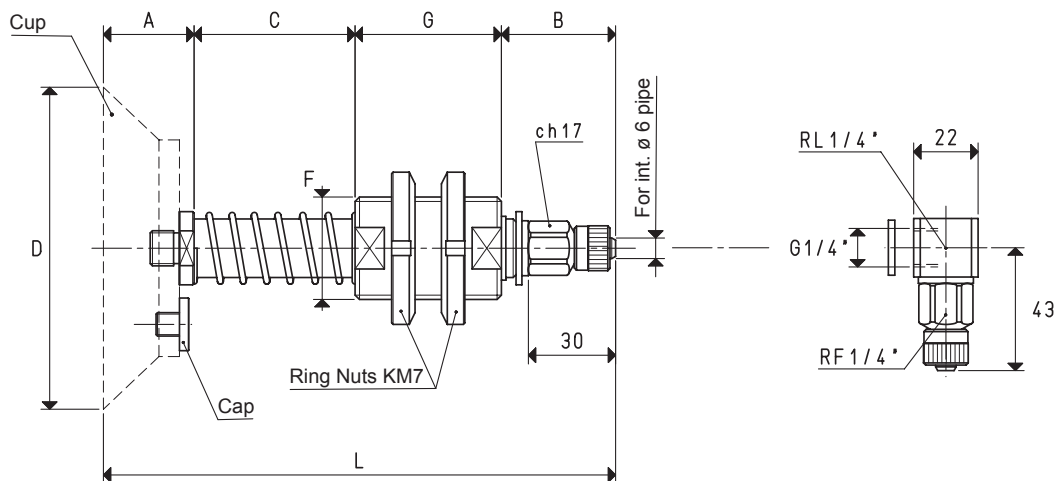
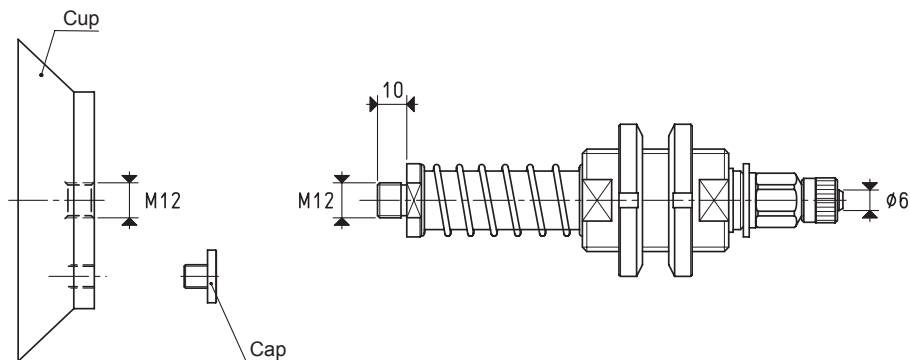
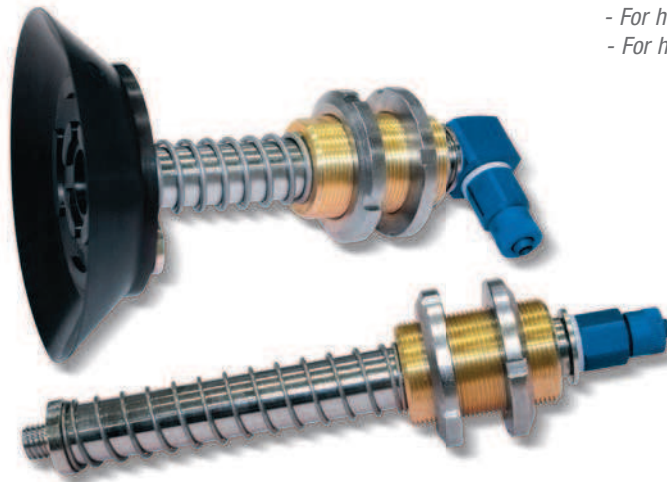
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

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

* Also available with height C of 110 mm

SPECIAL CUP HOLDERS

The actual springing stroke is:
 - For height C= 55 mm 37 mm
 - For height C= 110 mm 84 mm



VERSION 06 110 15

VERSION 06 110 15 L

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.	Cap included art.	C = 110 mm	
											Weight g	Weight g
06 110 15	23.74	31	39	55	110	M35 x 1.5	50	175	08 110 15	00 11 06	980	1100

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.

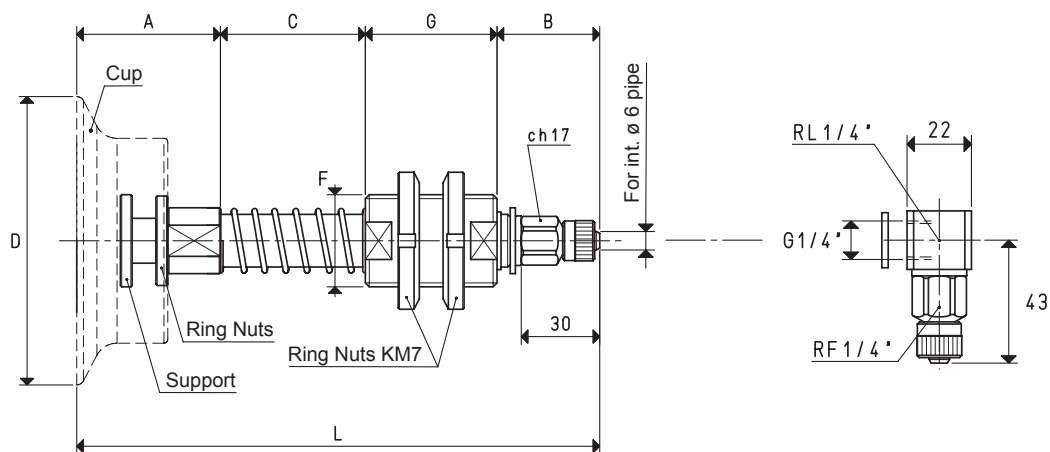
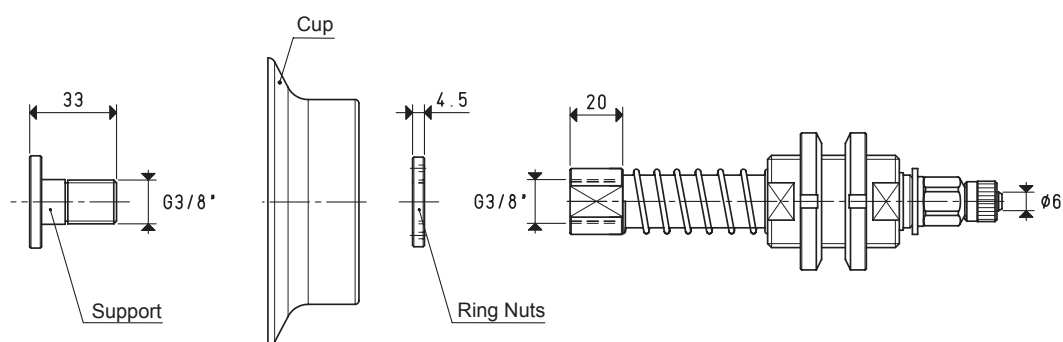
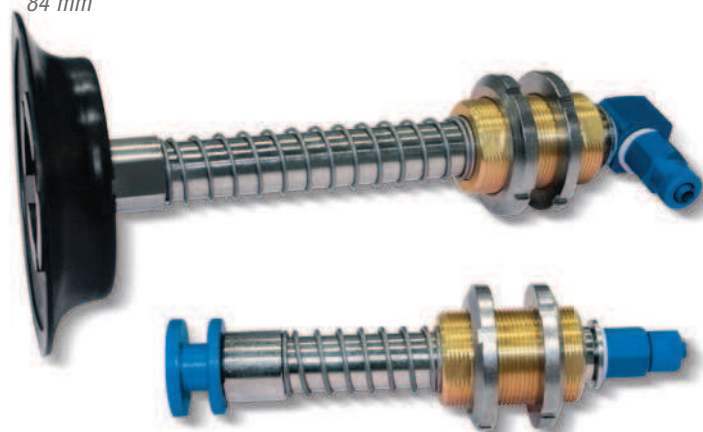
* Also available with height C of 110 mm

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

SPECIAL CUP HOLDERS

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 110 24

VERSION 06 110 24 L

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

C = 110 mm

Art.	Force Kg	A	B	*C	D Ø	F Ø	G	L	Cup art.	Support included art.	Ring nut included art.	Weight Kg	Weight Kg
06 110 24	23.74	29	39	55	110	M35 x 1.5	50	173	01 110 24	00 08 110	00 08 111	1.07	1.19

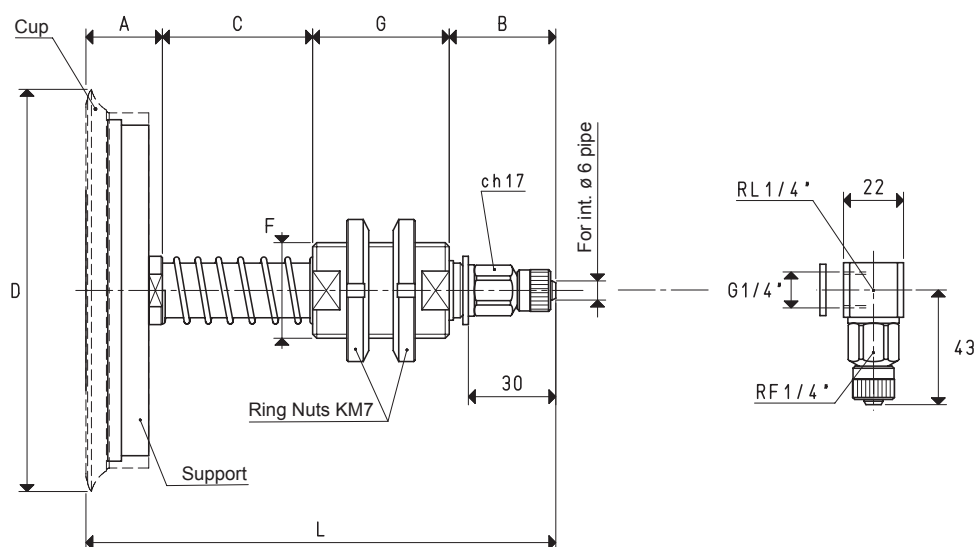
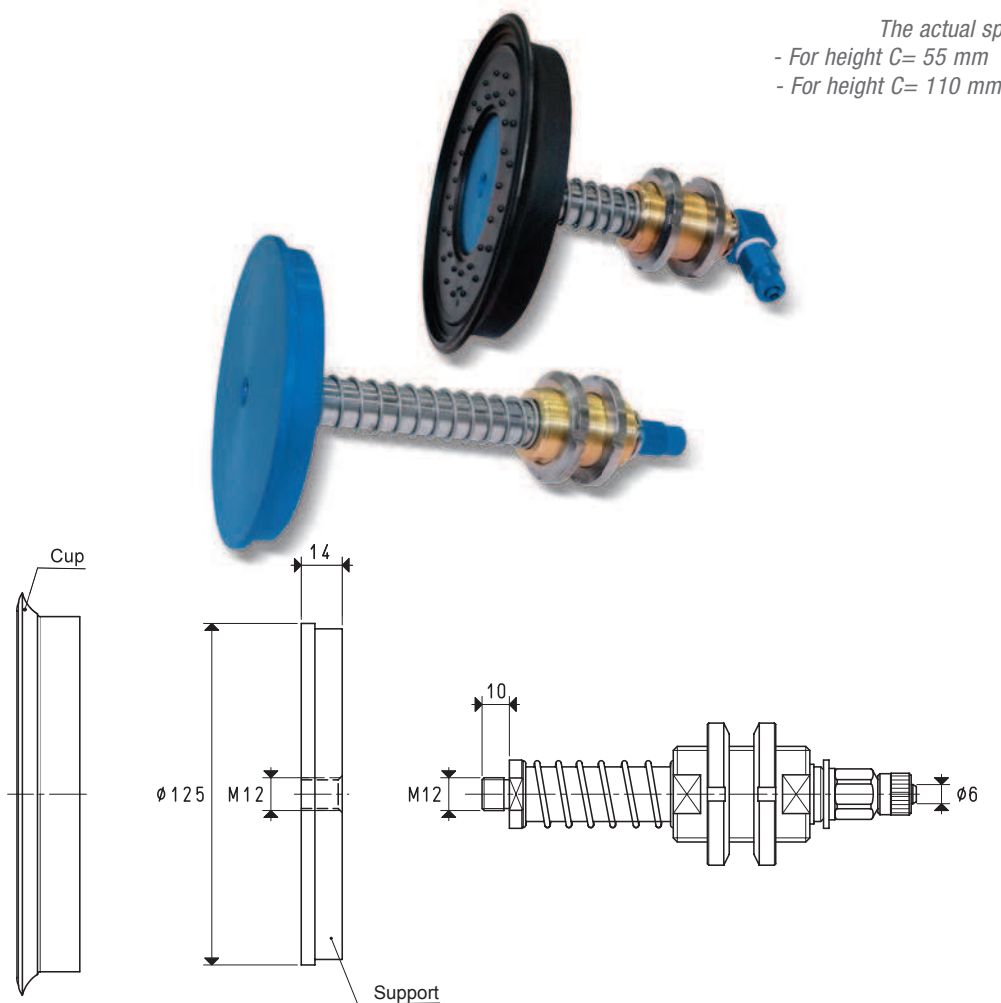
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

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

* Also available with height C of 110 mm

SPECIAL CUP HOLDERS

The actual springing stroke is:
 - For height C= 55 mm 37 mm
 - For height C= 110 mm 84 mm



VERSION 06 150 10

VERSION 06 150 10 L

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 = 110 mm	
											Weight Kg	Weight Kg
06 150 10	45.00	28	39	55	154	M35 x 1.5	50	172	01 150 10	00 08 35	1.32	1.45

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 110 mm

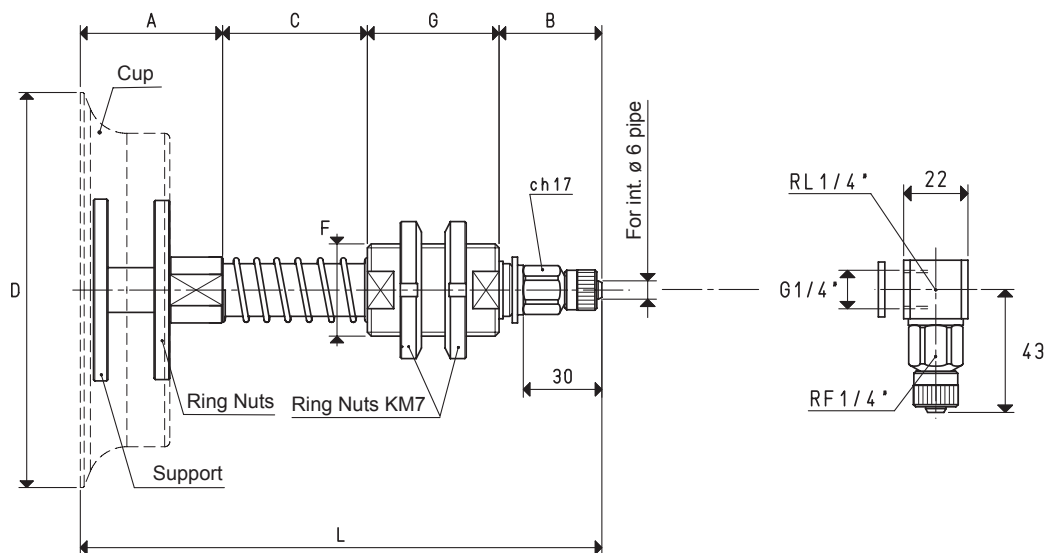
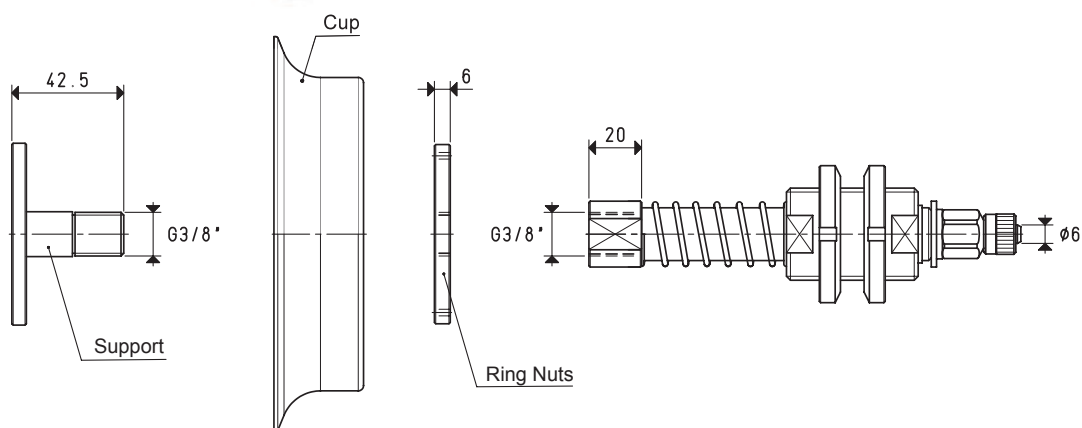
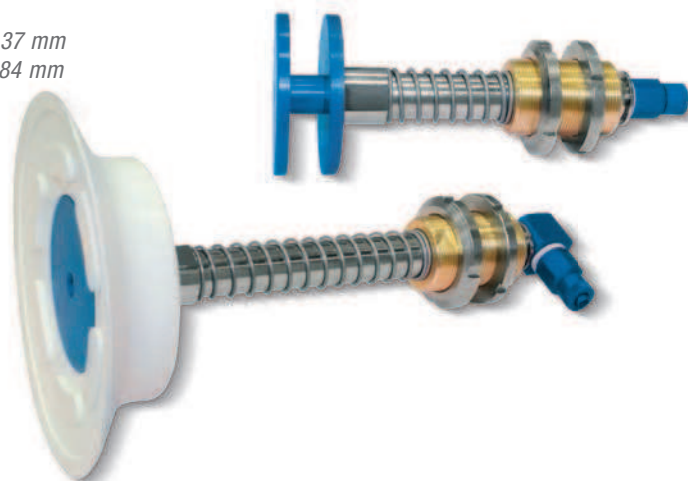
Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$

SPECIAL CUP HOLDERS

The actual springing stroke is:

- For height C= 55 mm
- For height C= 110 mm

37 mm
84 mm



VERSION 06 150 36

VERSION 06 150 36 L

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

C = 110 mm

Art.	Force Kg	A	B	*C	D Ø	F Ø	G	L	Cup art.	Support included art.	Ring nut included art.	Weight Kg	Weight Kg
06 150 36	45.00	41	39	55	150	M35 x 1.5	50	185	01 150 36	00 08 112	00 08 113	1.39	1.52

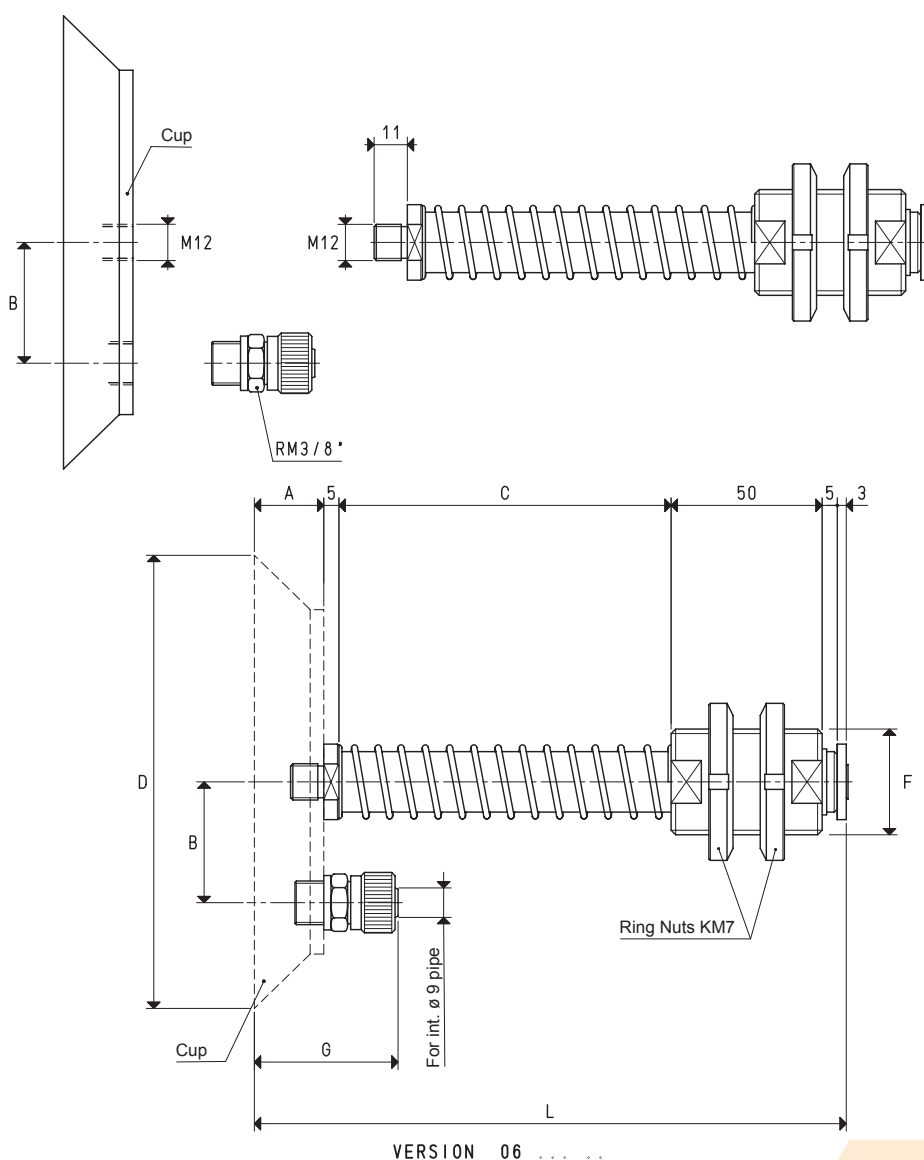
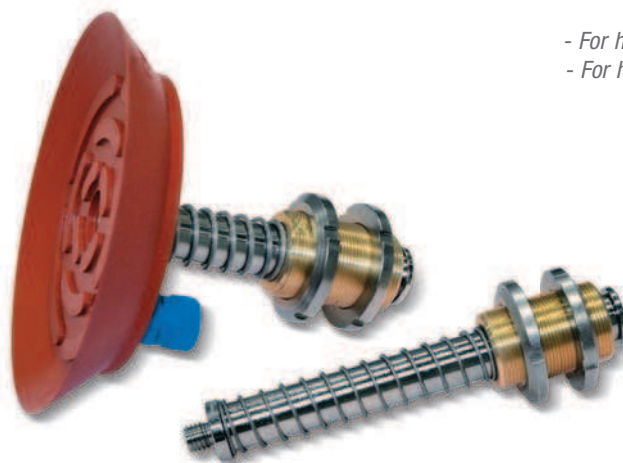
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

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

* Also available with height C of 110 mm

SPECIAL CUP HOLDERS

The actual springing stroke is:
 - For height C= 55 mm 37 mm
 - For height C= 110 mm 84 mm



VERSION 06

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 9 X 12

Art.	Force Kg	A	B	*C	D Ø	F Ø	G	L	Cup art.	C = 110 mm	
										Weight Kg	Weight Kg
06 150 15	45.00	26	40.0	55	150	M35 x 1.5	50	144	08 150 15	1.51	1.64
06 200 10	78.50	28	47.5	55	200	M35 x 1.5	52	146	08 200 10	2.42	2.54
06 250 10	122.60	28	72.5	55	250	M35 x 1.5	52	146	08 250 10	3.68	3.80

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

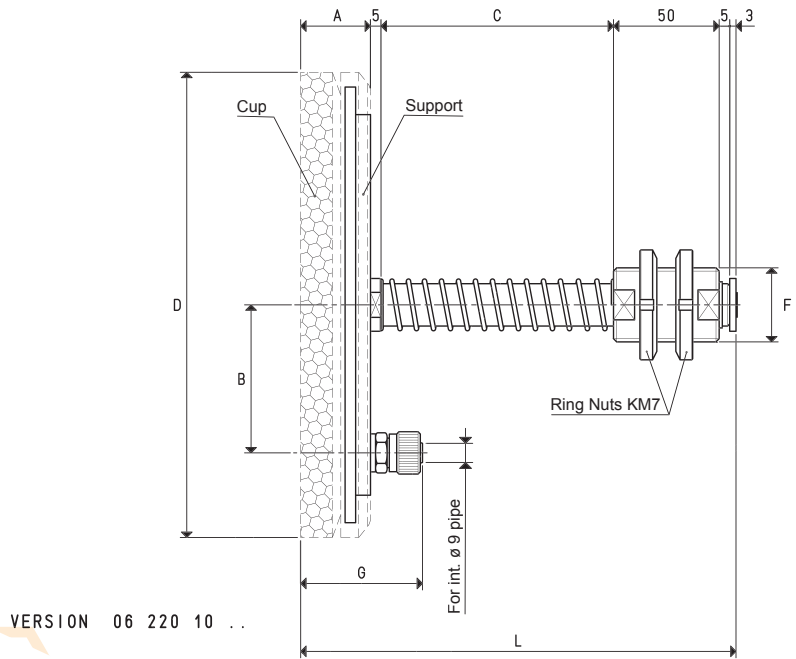
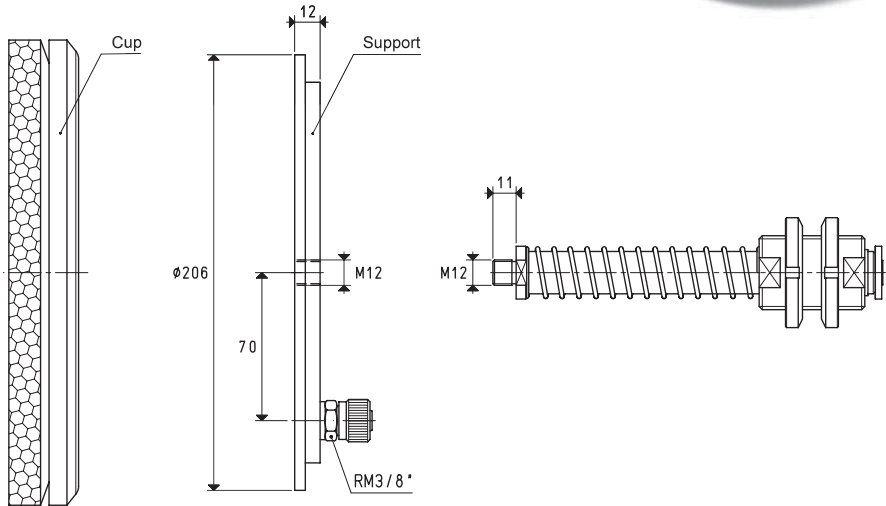
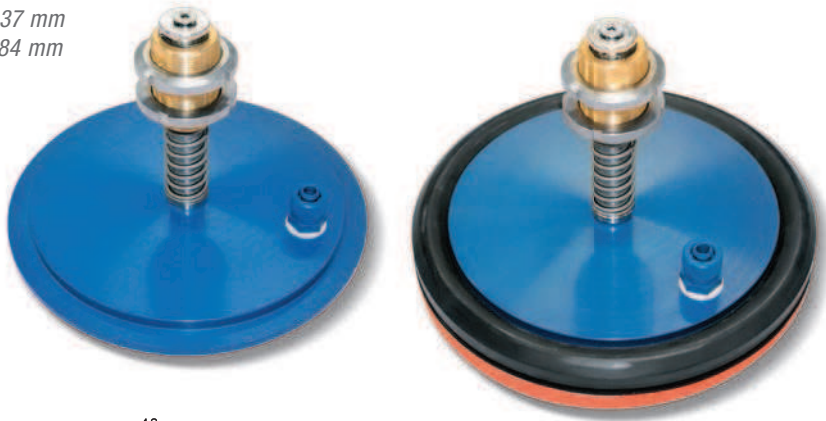
* Also available with height C of 110 mm

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

SPECIAL CUP HOLDERS

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 220 10 . .

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 9 X 12

C = 110 mm

Art.	Force Kg	A	B	*C	D Ø	F Ø	G	L	Cup art.	Support included art.	Weight Kg	Weight Kg
06 220 10 OF	63.6	35	70	55	220	M35 x 1.5	61	153	01 220 10 OF	00 08 37	1.87	1.99
06 220 10 NF	63.6	35	70	55	220	M35 x 1.5	61	153	01 220 10 NF	00 08 37	1.86	1.98

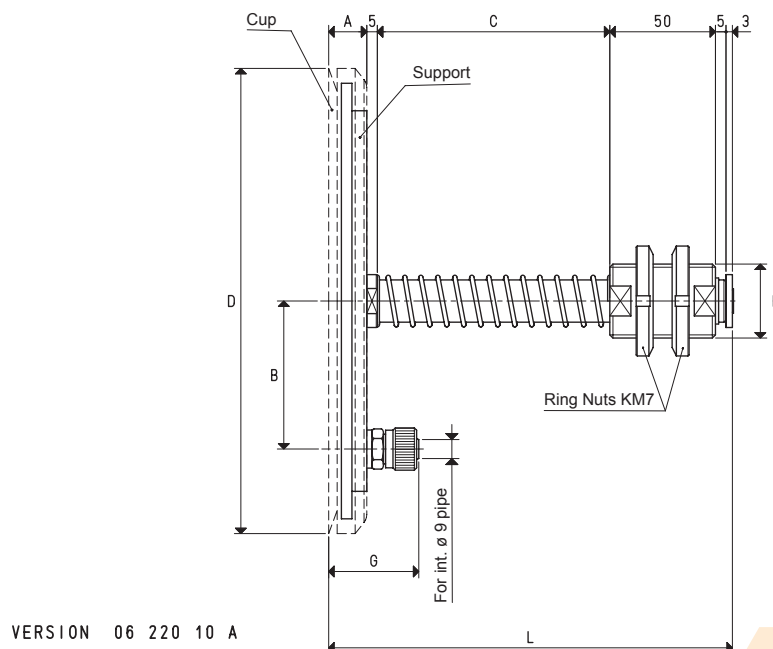
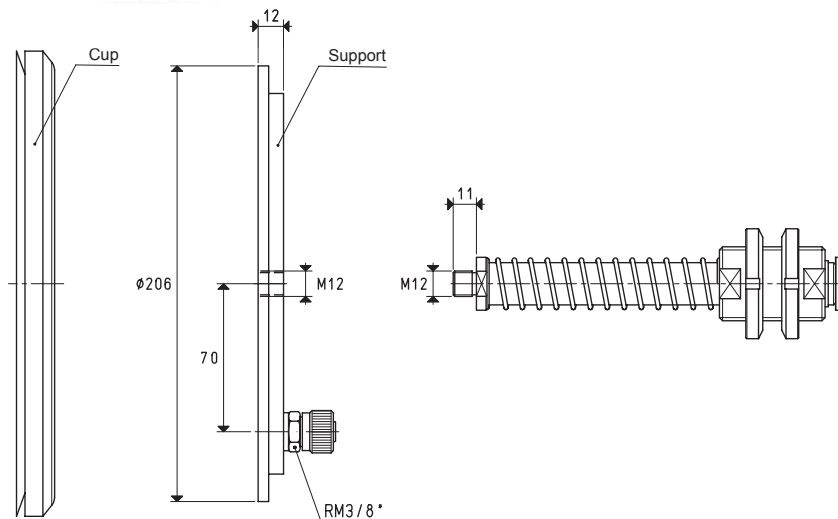
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

* Also available with height C of 110 mm

SPECIAL CUP HOLDERS



The actual springing stroke is:
 - For height C= 55 mm 37 mm
 - For height C= 110 mm 84 mm



VERSION 06 220 10 A

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 9 X 12

Art.	Force Kg	A	B	*C	D Ø	F Ø	G	L	Cup art.	Support included art.	C = 110 mm	
											Weight Kg	Weight Kg
06 220 10 A	78.5	20	70	55	220	M35 x 1.5	44	138	01 220 10 A	00 08 37	1.81	1.94

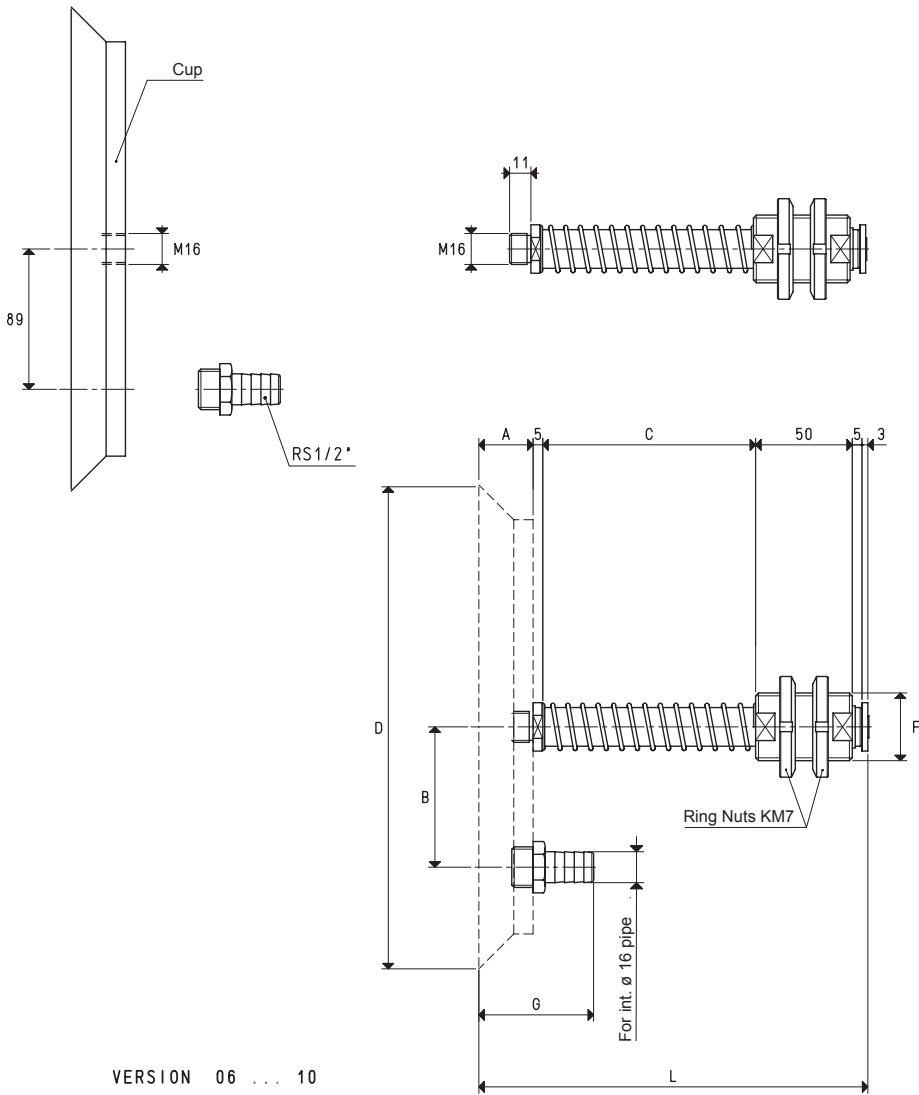
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

* Also available with height C of 110 mm

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

SPECIAL CUP HOLDERS

The actual springing stroke is:
- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 . . . 10

CUP HOLDERS WITH HOSE-END FITTING FOR PLASTIC HOSE Ø 16 X 18

C = 110 mm

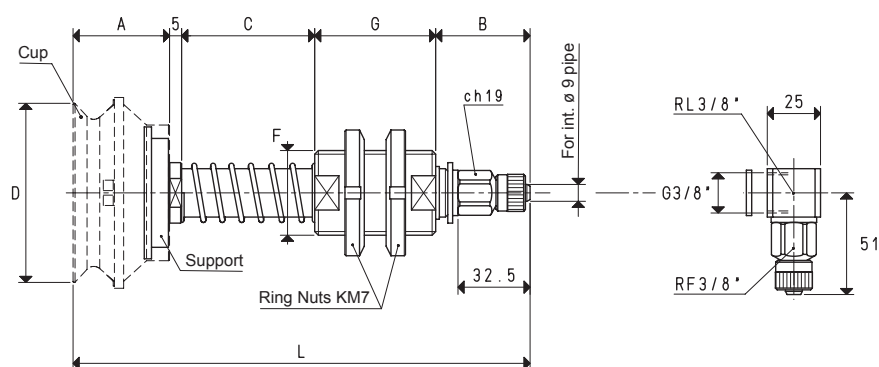
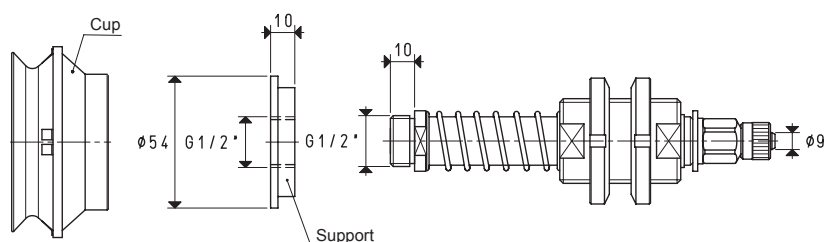
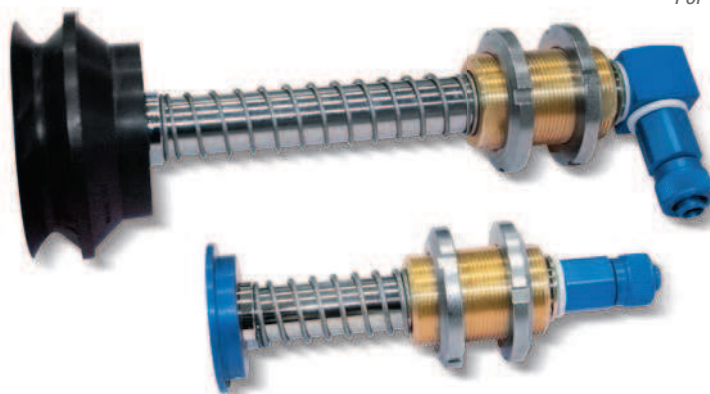
Art.	Force Kg	A	B	*C	D Ø	F Ø	G	L	Cup art.	Weight Kg	Weight Kg
06 300 10	176.6	31	89	55	300	M35 x 1.5	61	149	08 300 10	5.42	5.56
06 350 10	240.0	31	89	55	350	M35 x 1.5	61	149	08 350 10	7.30	7.43

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

* Also available with height C of 110 mm

2

- For height $C = 55$ mm 37 mm
- For height $C = 110$ mm 84 mm



VERSION 06 75 42 L

C = 110 mm

Art.	Force Kg	A	B	*C	D Ø	F Ø	G	L	Cup art.	Support included art.	Weight Kg	Weight Kg
06 75 42	11.93	42	45	55	78	M35 x 1.5	50	197	01 75 42	00 08 143	0.76	0.87

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

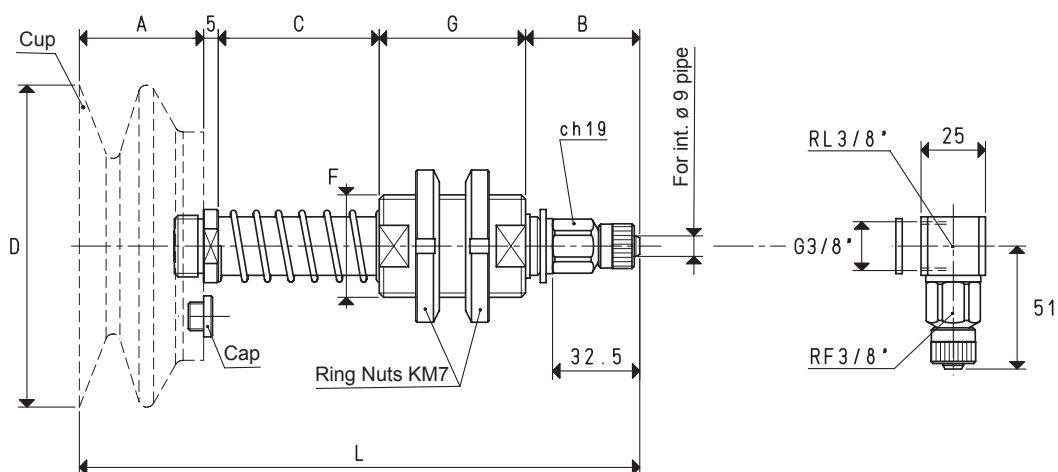
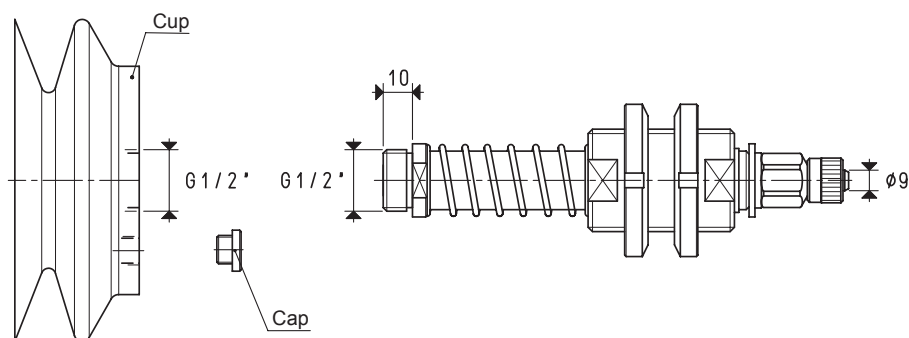
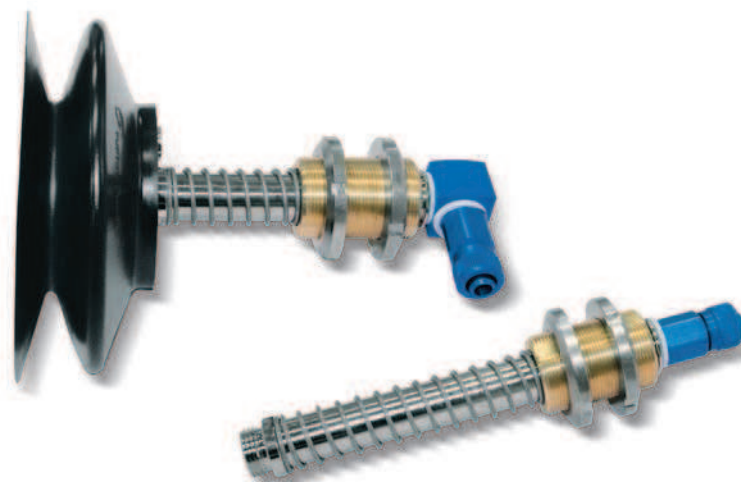
* Also available with height C of 110 mm

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

SPECIAL CUP HOLDERS FOR BELLOW CUPS

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 ... 30

VERSION 06 ... 30 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 9 X 12

C = 110 mm

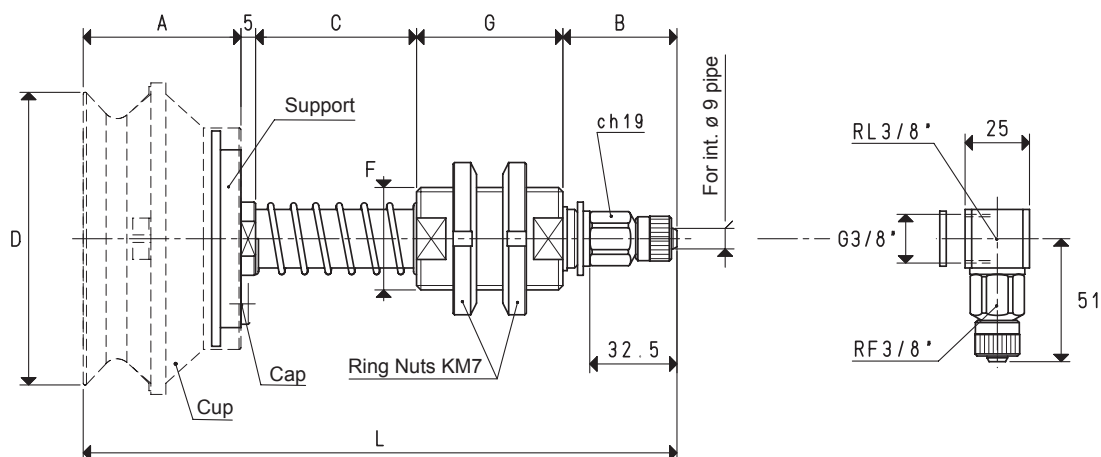
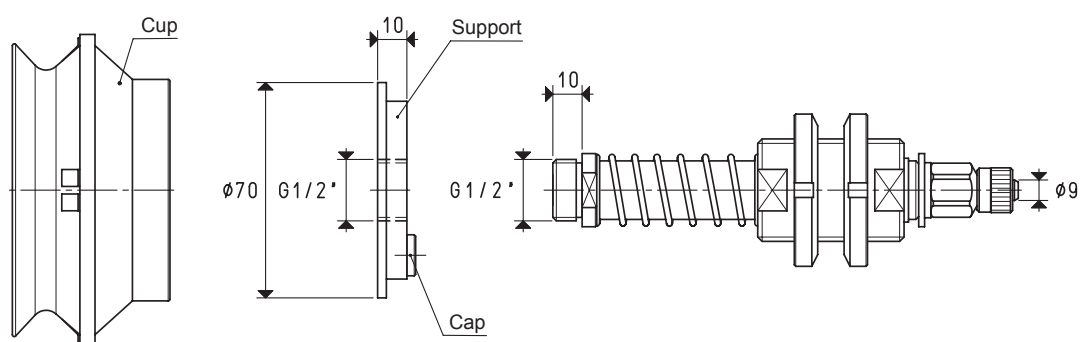
Art.	Force Kg	A	B	*C	D Ø	F Ø	G	L	Cup art.	Cap included art.	Weight Kg	Weight Kg
06 110 30	23.74	45	45	55	110	M35 x 1.5	50	200	08 110 30	00 11 44	0.97	1.08
06 150 30	45.00	60	45	55	150	M35 x 1.5	50	215	08 150 30	00 11 44	1.09	1.20
06 180 30	63.50	70	45	55	180	M35 x 1.5	50	225	08 180 30	00 11 44	1.45	1.56

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 110 mm

2



VERSION 06 110 58 L

C = 110 mm

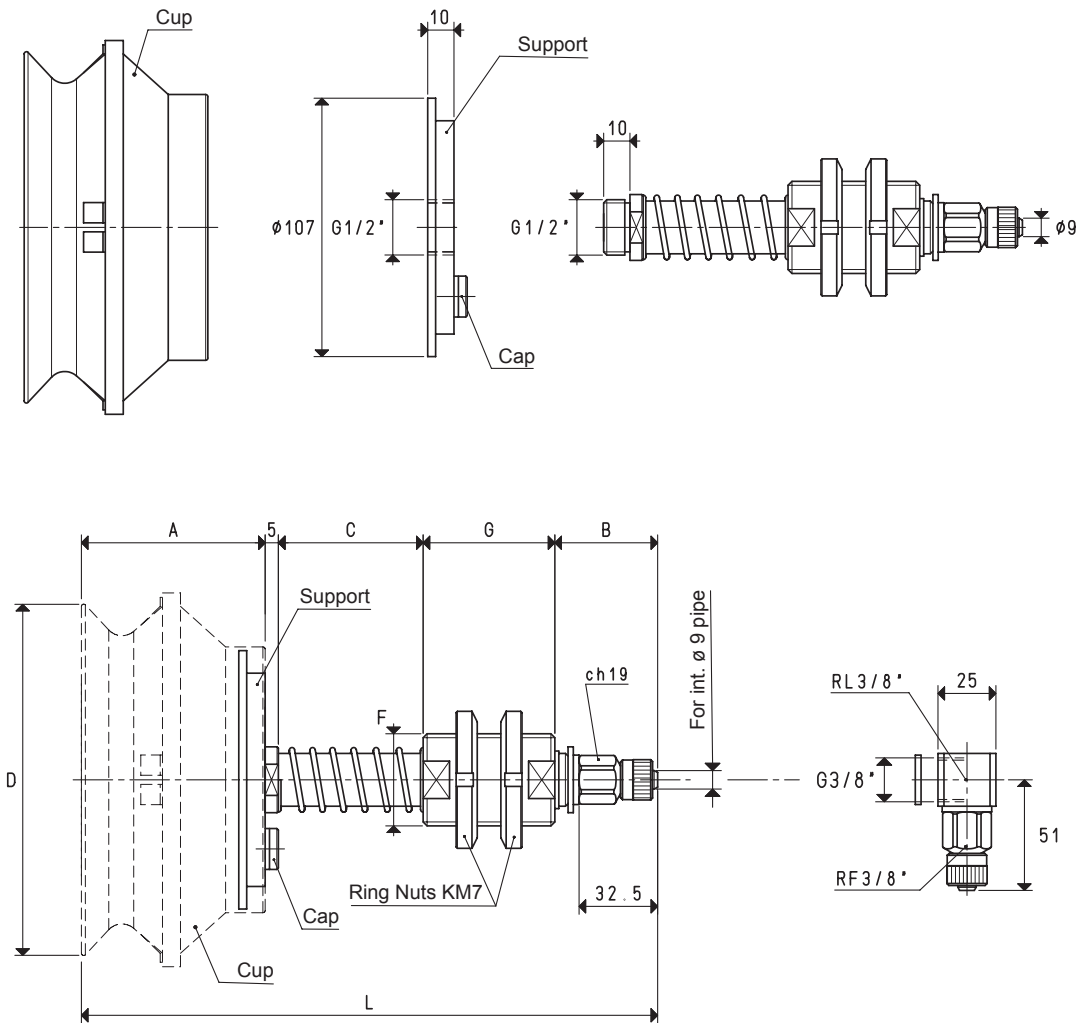
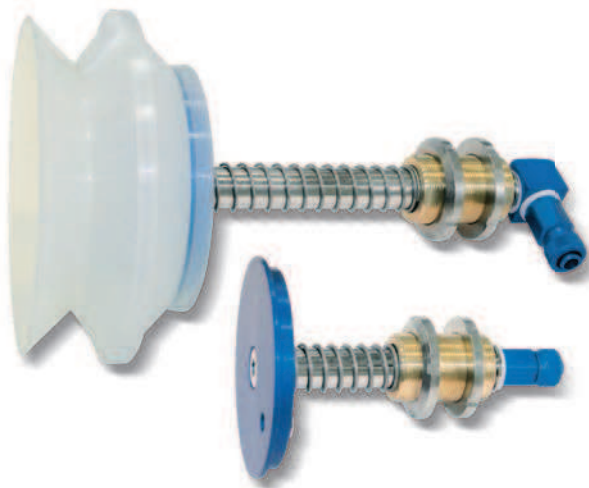
* Also available with height C of 110 mm

2.119

SPECIAL CUP HOLDERS FOR BELLOW CUPS

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 150 74

VERSION 06 1150 74 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 9 X 12

C = 110 mm

Art.	Force Kg	A	B	*C	D Ø	F Ø	G	L	Cup art.	Support included art.	Cap included art.	Weight Kg	Weight Kg
06 150 74	45.00	74	45	55	150	M35 x 1.5	50	229	01 150 74	00 08 163	00 11 44	1.34	1.45

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

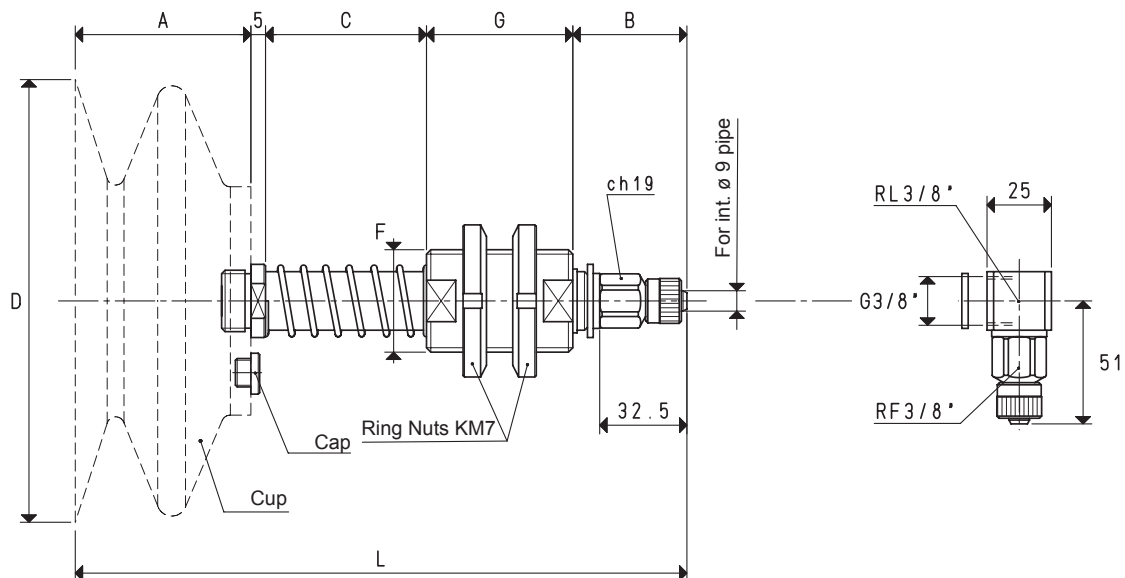
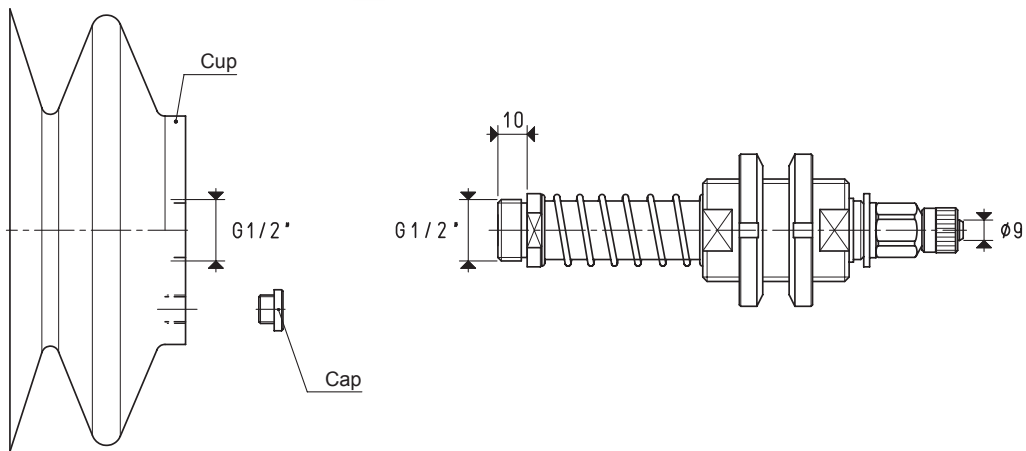
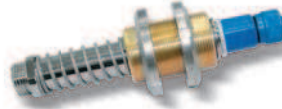
Add the letter L to the code to order L-type fittings.

* Also available with height C of 110 mm

SPECIAL CUP HOLDERS FOR BELLOW CUPS



The actual springing stroke is:
 - For height C= 55 mm 37 mm
 - For height C= 110 mm 84 mm



VERSION 06 250 30

VERSION 06 250 30 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 9 X 12

C = 110 mm

Art.	Force Kg	A	B	*C	D Ø	F Ø	G	L	Cup art.	Cap included art.	Weight Kg	Weight Kg
06 250 30	122.60	100	45	55	250	M35 x 1.5	50	255	08 250 30	00 18 33	2.20	2.31

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 110 mm

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

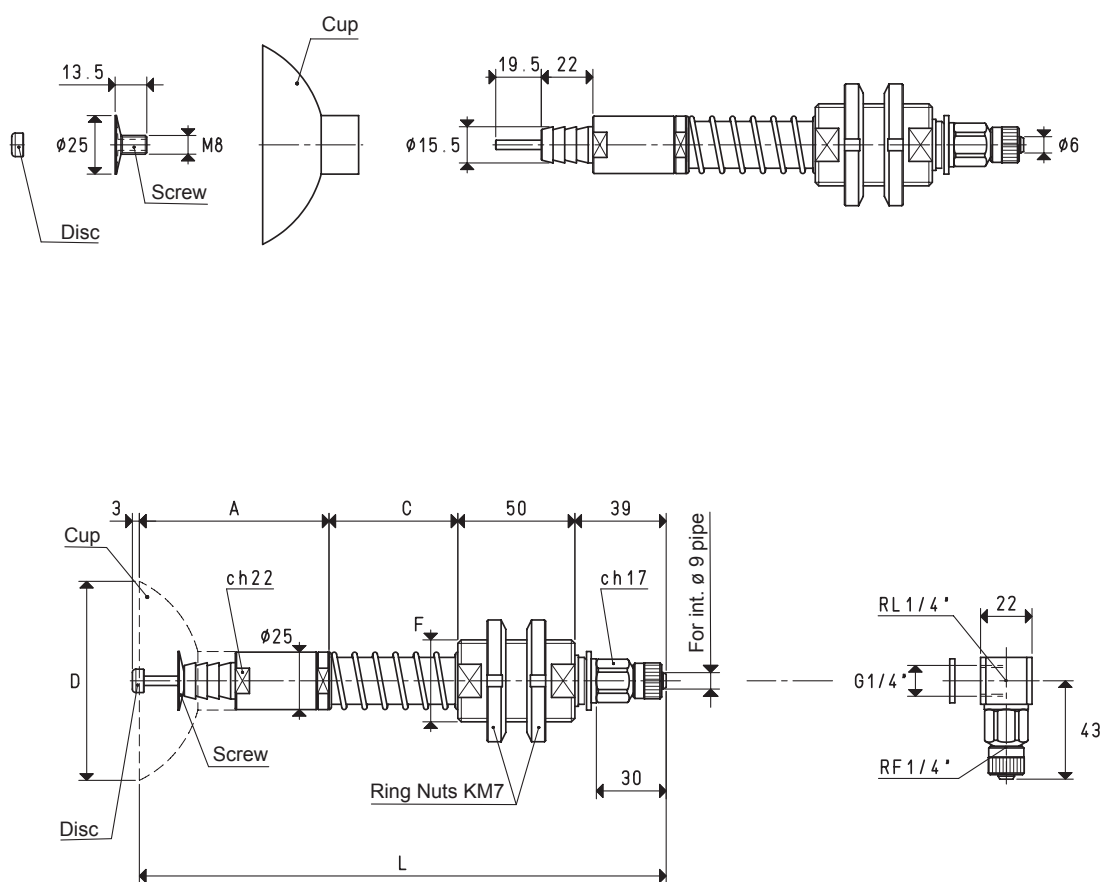
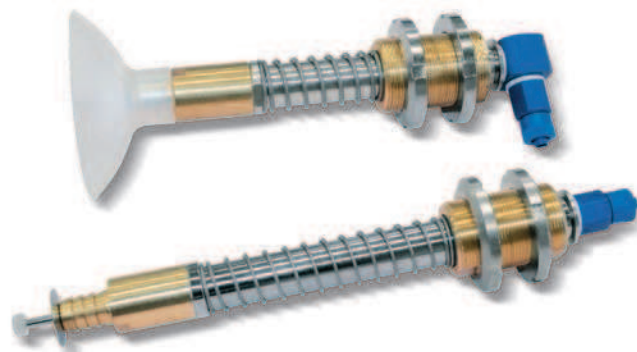
SPECIAL CUP HOLDERS WITH PLUNGER VALVE

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 into contact with the load to be lifted.

With these cup holders it is no longer necessary to install cocks on the suction hoses; for this reason, they are recommended in all those cases in which there is a chance that not all the cups come into contact with the load to be lifted (because of an uneven or incomplete load).

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 85 20

VERSION 06 85 20 L

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

C = 110 mm

Art.	Force Kg	A	*C	D Ø	F Ø	L	Cup art.	Screw included art.	Disc included art.	Weight Kg	Weight Kg
06 85 20	13.50	81	55	85	M35 x 1.5	225	01 85 10	00 20 13	00 03 22	0.83	0.95

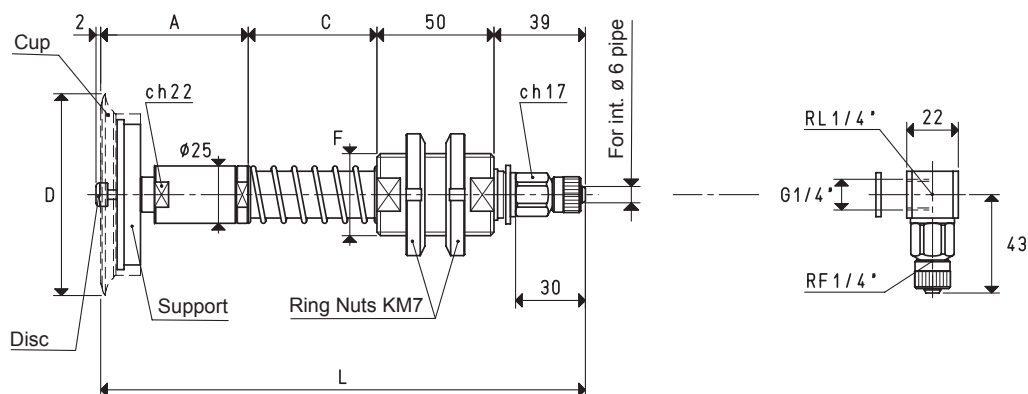
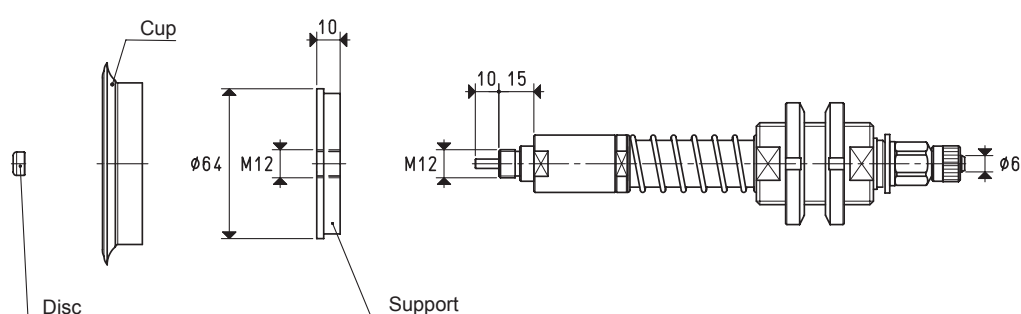
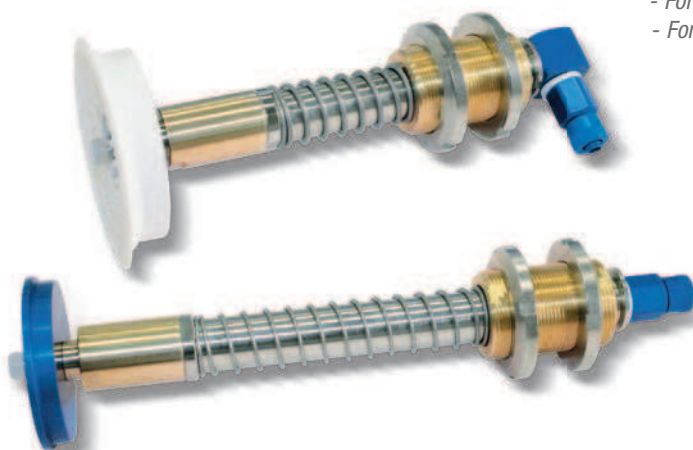
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

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

* Also available with height C of 110 mm

2

- For height $C = 55 \text{ mm}$ 37 mm
- For height $C = 110 \text{ mm}$ 84 mm



VERSION 06 85 22 L

$C = 110 \text{ mm}$

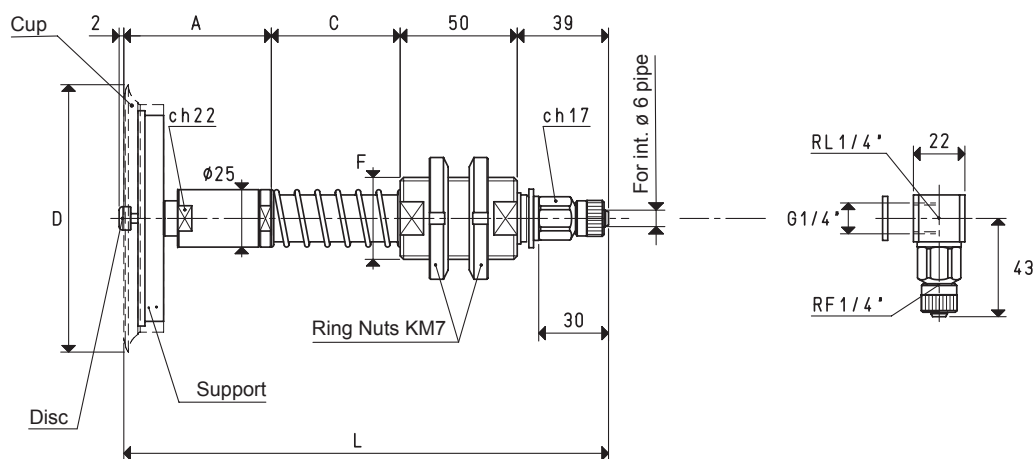
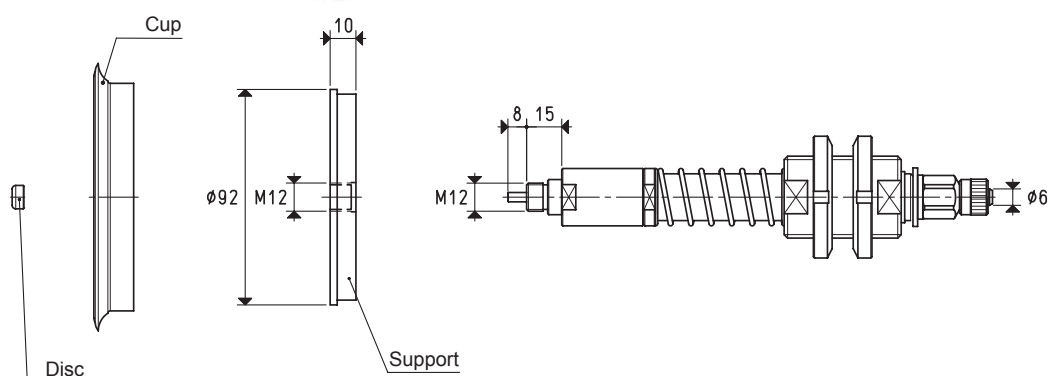
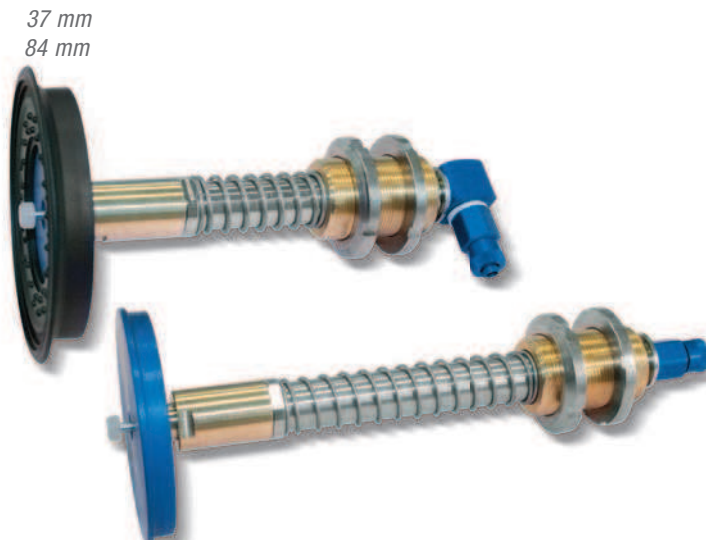
Art.	Force Kg	A	*C	D Ø	F Ø	L	Cup art.	Support included art.	Disc included art.	Weight Kg	Weight Kg
06 85 22	14.18	65	55	85	M35 x 1.5	209	01 85 15	00 08 32	00 03 22	0.89	1.01

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

* Also available with height C of 110 mm

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

- For height $C = 55$ mm 37 mm
- For height $C = 110$ mm 84 mm



VERSION 06 110 20

VERSION 06 110 20 L

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

C = 110 mm

Art.	Force Kg	A	*C	D Ø	F Ø	L	Cup art.	Support included art.	Disc included art.	Weight Kg	Weight Kg
06 110 20	23.74	65	55	114	M35 x 1.5	209	01 110 10	00 08 33	00 03 22	1.02	1.14

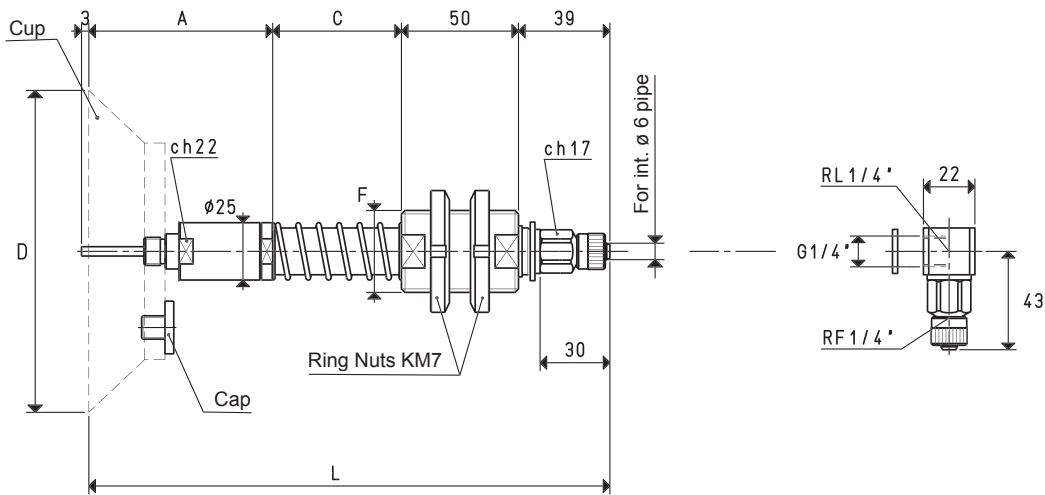
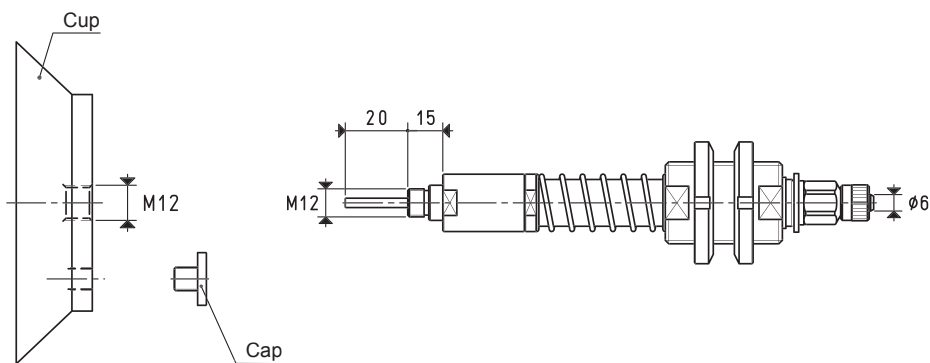
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.

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

* Also available with height C of 110 mm

SPECIAL CUP HOLDERS WITH PLUNGER VALVE

The actual springing stroke is:
- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 110 22

VERSION 06 110 22 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8								C = 110 mm		
Art.	Force Kg	A	*C	D Ø	F	L	Cup art.	Cap included art.	Weight Kg	Weight Kg
06 110 22	23.74	74	55	110	M35 x 1.5	218	08 110 15	00 11 06	1.48	1.56

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.

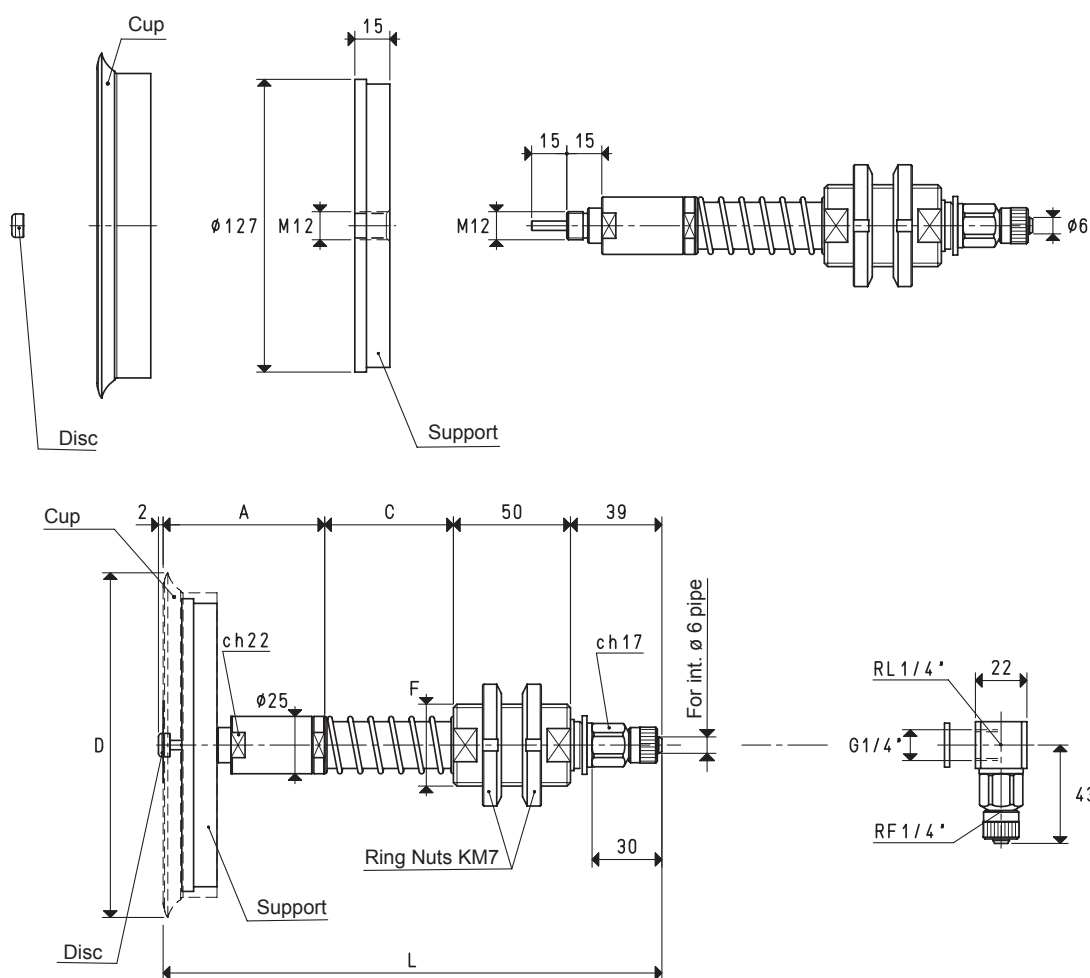
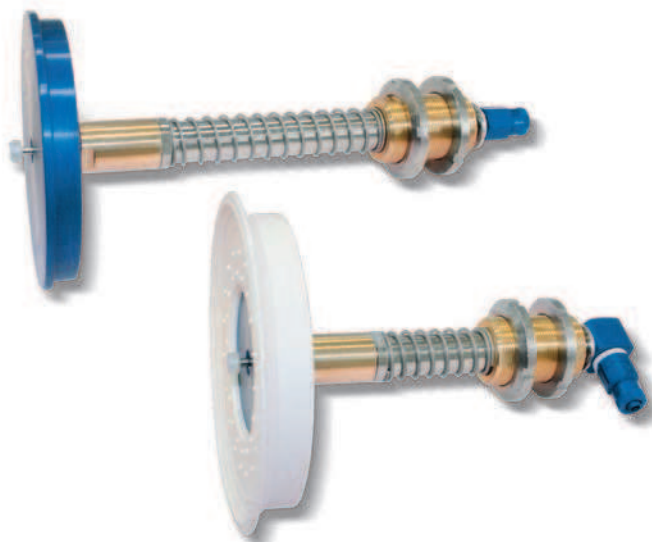
* Also available with height C of 110 mm

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

SPECIAL CUP HOLDERS WITH PLUNGER VALVE

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 150 20

VERSION 06 150 20 L

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

C = 110 mm

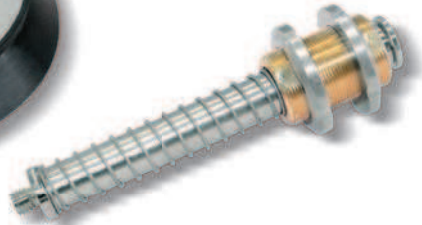
Art.	Force Kg	A	*C	D Ø	F Ø	L	Cup art.	Support included art.	Disc included art.	Weight Kg	Weight Kg
06 150 20	45.00	71	55	154	M35 x 1.5	215	01 150 10	00 08 35	00 03 22	1.43	1.52

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 110 mm

SPECIAL CUP HOLDERS WITH PUSH VALVE



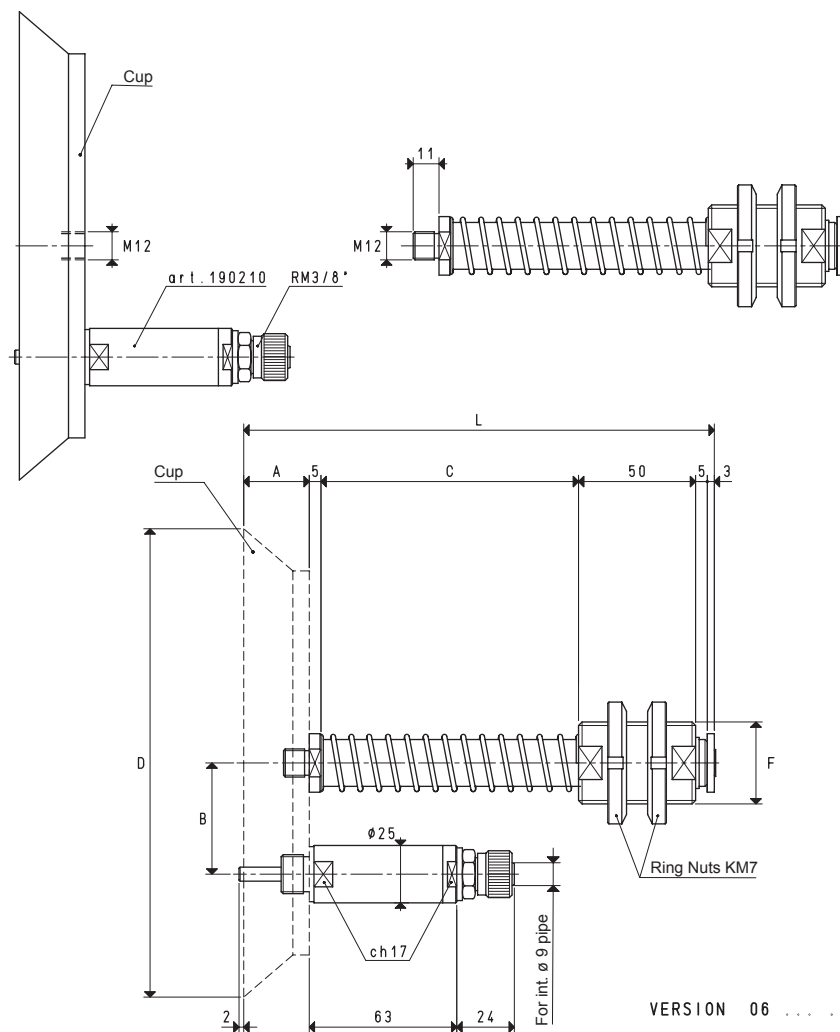
The distinctive feature of these cup holders is the push valve on the cup support, which activates suction, and therefore creates vacuum, only when the cup is in contact with the load to be lifted.

With these cup holders it is no longer necessary to install cocks on the suction hoses; for this reason, they are recommended in all those cases in which there is a chance that not all the cups come into contact with the load to be lifted (because of an uneven or incomplete load).

The same push valve can also be applied with no modification to the special articulated cup holders.

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 9 X 12

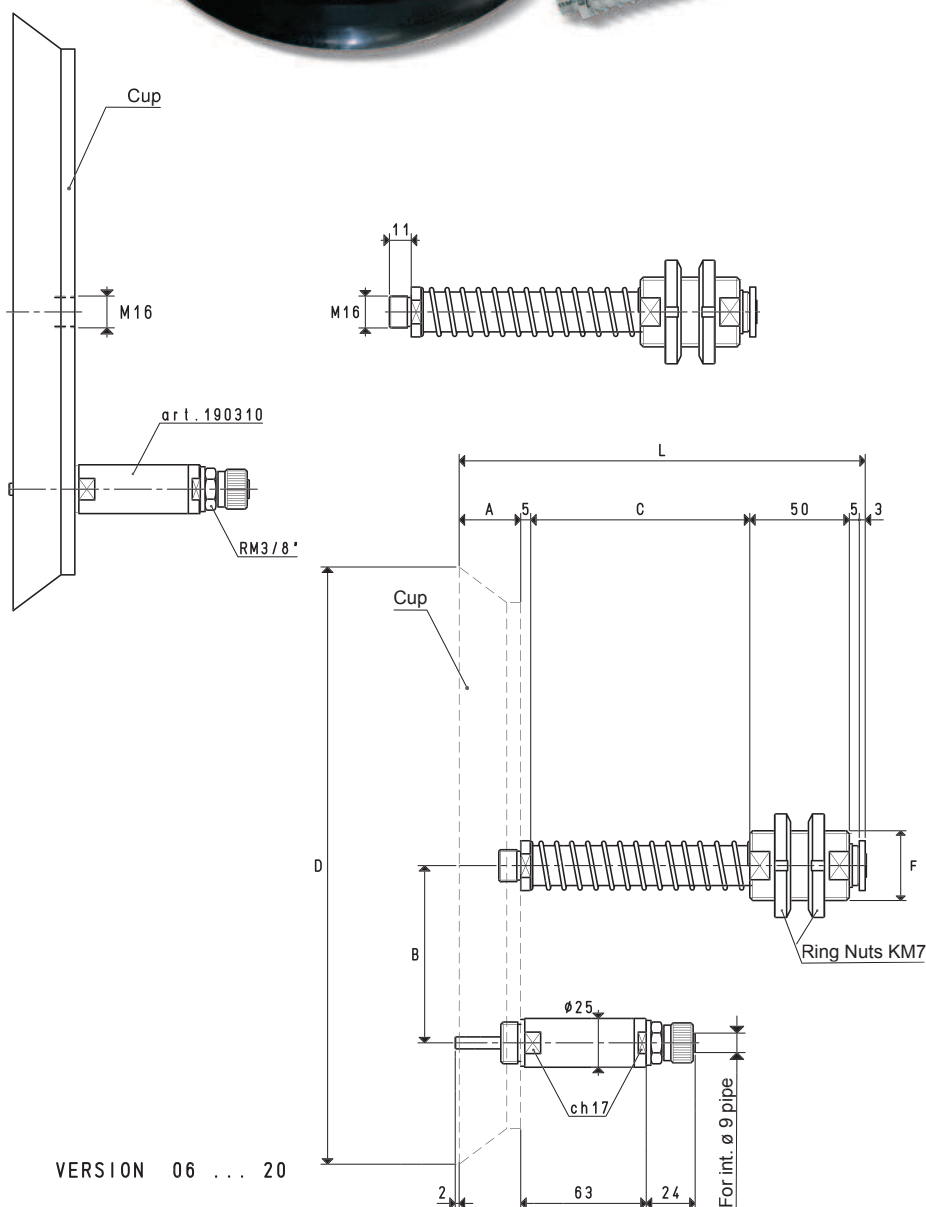
Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	C = 110 mm	
									Weight Kg	Weight Kg
06 150 22	45.0	26	40.0	55	150	M35 x 1.5	144	08 150 15	1.68	1.80
06 200 20	78.5	28	47.5	55	200	M35 x 1.5	146	08 200 10	2.58	2.71
06 250 20	122.6	28	72.5	55	250	M35 x 1.5	146	08 250 10	3.84	3.97

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

* Also available with height C of 110 mm

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

- For height $C = 55$ mm 37 mm
- For height $C = 110$ mm 84 mm



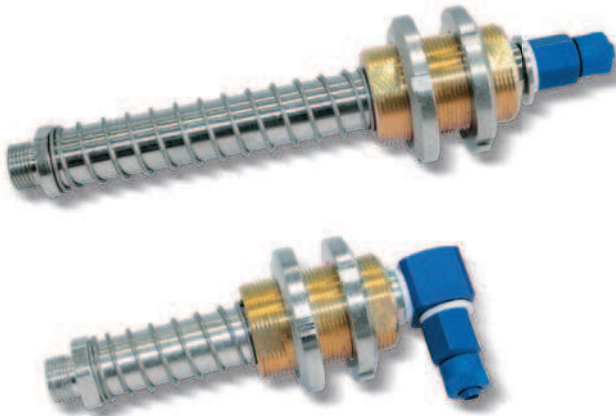
C = 110 mm

Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	Weight Kg	C = 110 mm Weight Kg
06 300 20	176.6	31	89	55	300	M35 x 1.5	149	08 300 10	5.56	5.69
06 350 20	240.0	31	89	55	350	M35 x 1.5	149	08 350 10	7.42	7.55

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

* Also available with height C of 110 mm

SPECIAL 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.

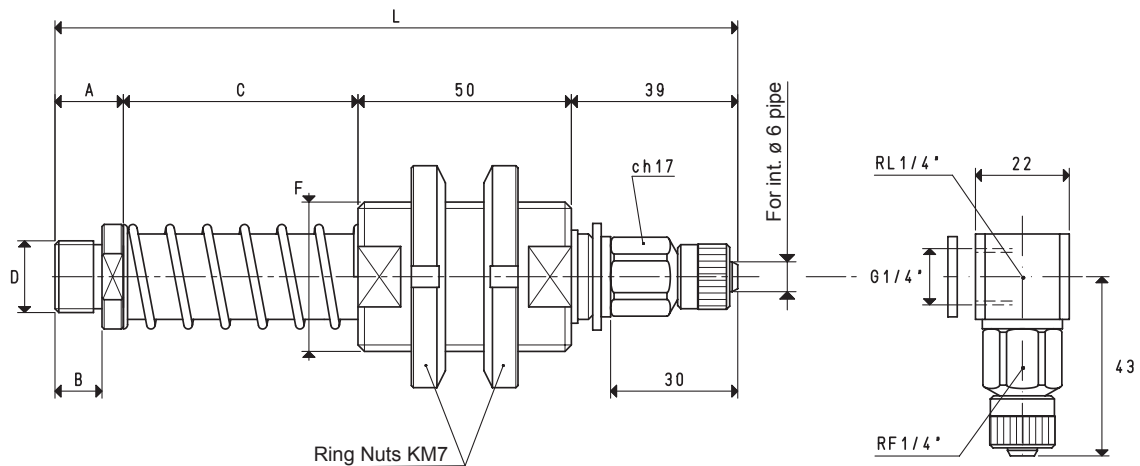
The purpose of the shut-off valve is to automatically close suction when the cup is not in contact with the surface of the load to be handled or in case of a faulty grip or of considerable transpiration, thus preventing the reduction of the vacuum level on the remaining cups of the system which are regularly 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 between 85 mm and 150 mm can be assembled onto these cup holders, as long as they are provided with a threaded 3/8" gas female support.

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06

VERSION 06 L

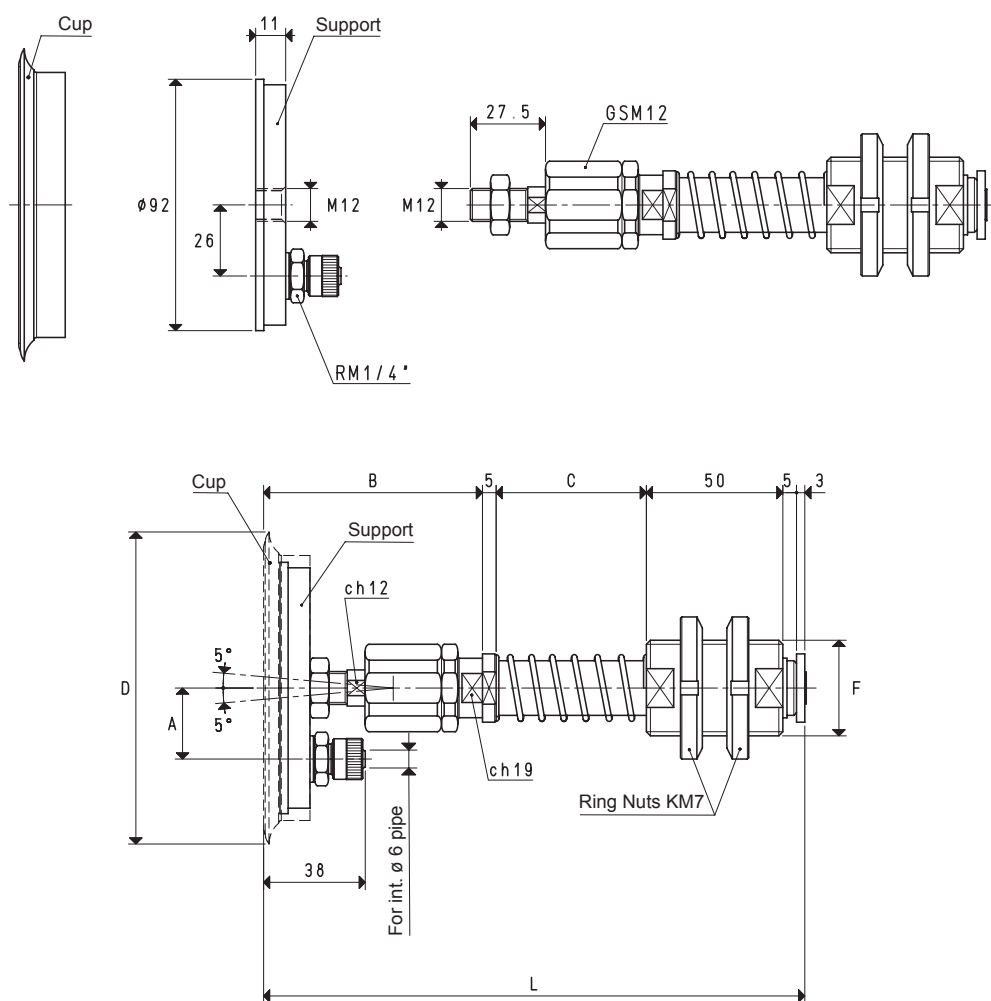
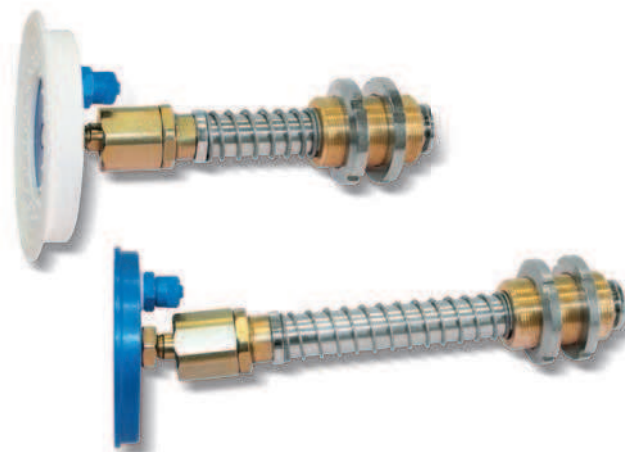
CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	A	B	C	D	F	L	Weight
				Ø	Ø		Kg
06 99 55	16	11	55	G3/8"	M35 x 1.5	160	0.63
06 99 110	16	11	110	G3/8"	M35 x 1.5	215	0.77

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

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

- For height $C = 55$ mm 37 mm
- For height $C = 110$ mm 84 mm



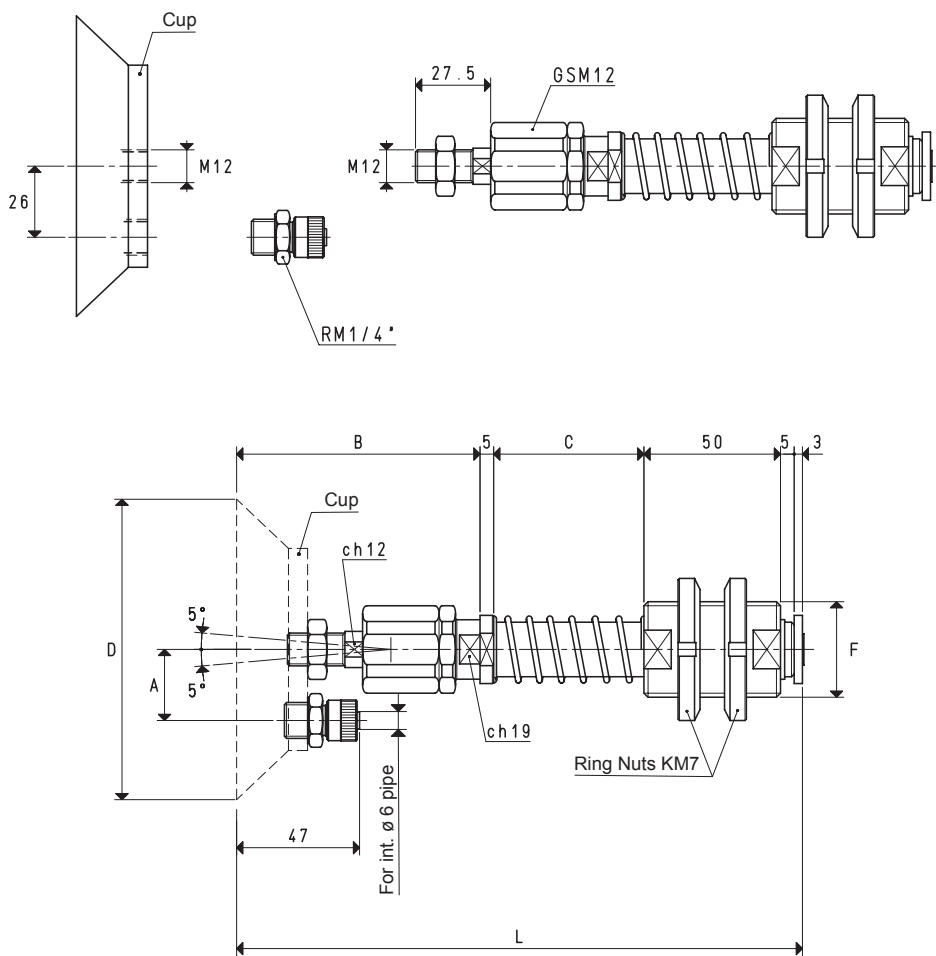
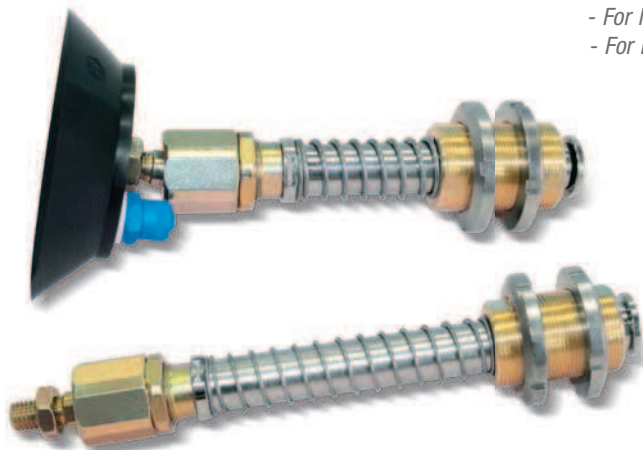
C = 110 mm

Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	Support included art.	Weight Kg	Weight Kg
06 110 12	23.74	26	77	55	114	M35 x 1.5	195	01 110 10	00 06 14	1.15	1.27

* Also available with height C of 110 mm

SPECIAL ARTICULATED CUP HOLDERS

The actual springing stroke is:
- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 110 17

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8										C = 110 mm
Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	Weight Kg	Weight Kg
06 110 17	23.74	26	86	55	110	M35 x 1.5	204	08 110 15	1.22	1.34

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

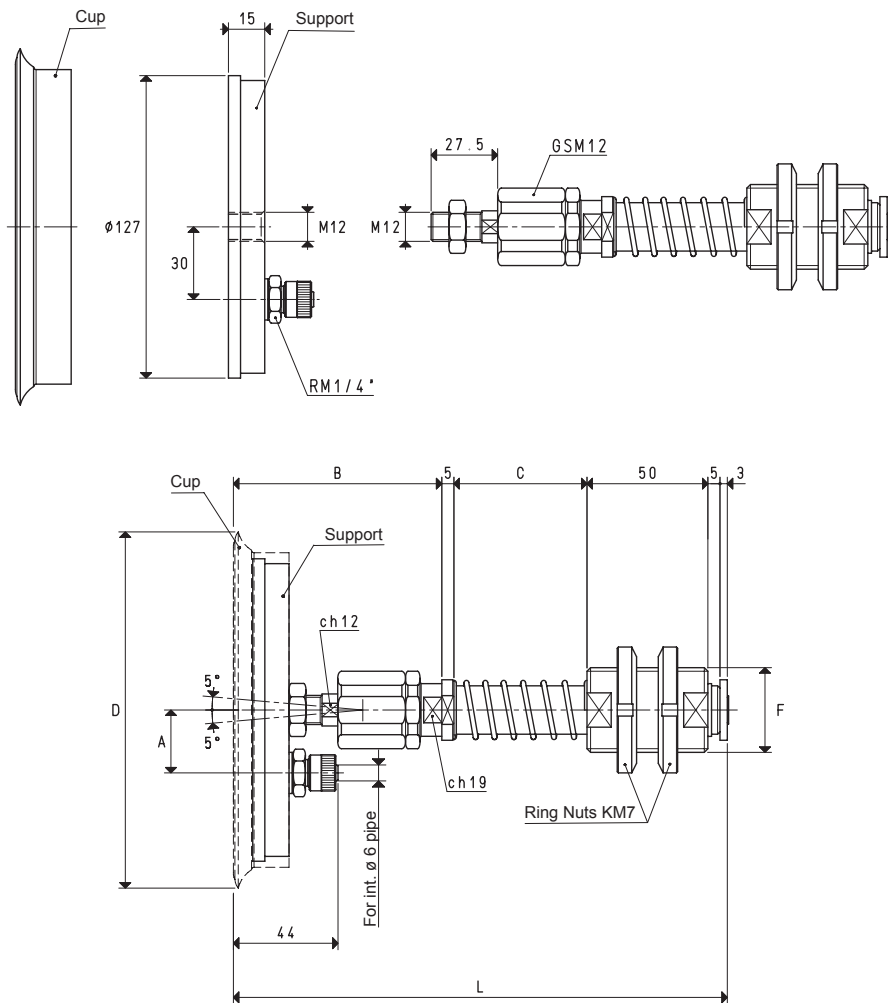
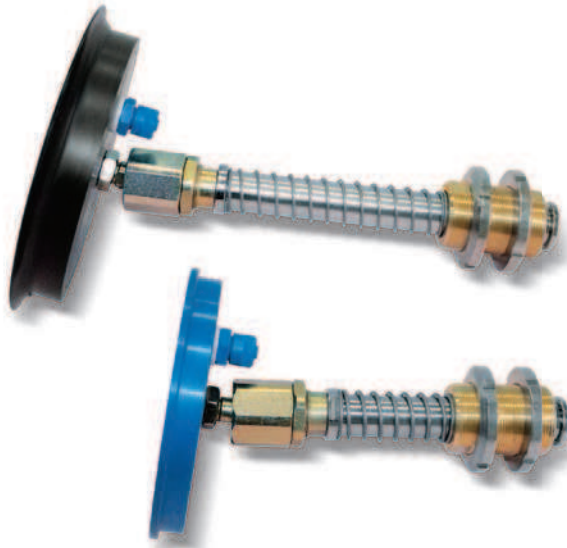
* Also available with height C of 110 mm

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

SPECIAL ARTICULATED CUP HOLDERS

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 150 12

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

C = 110 mm

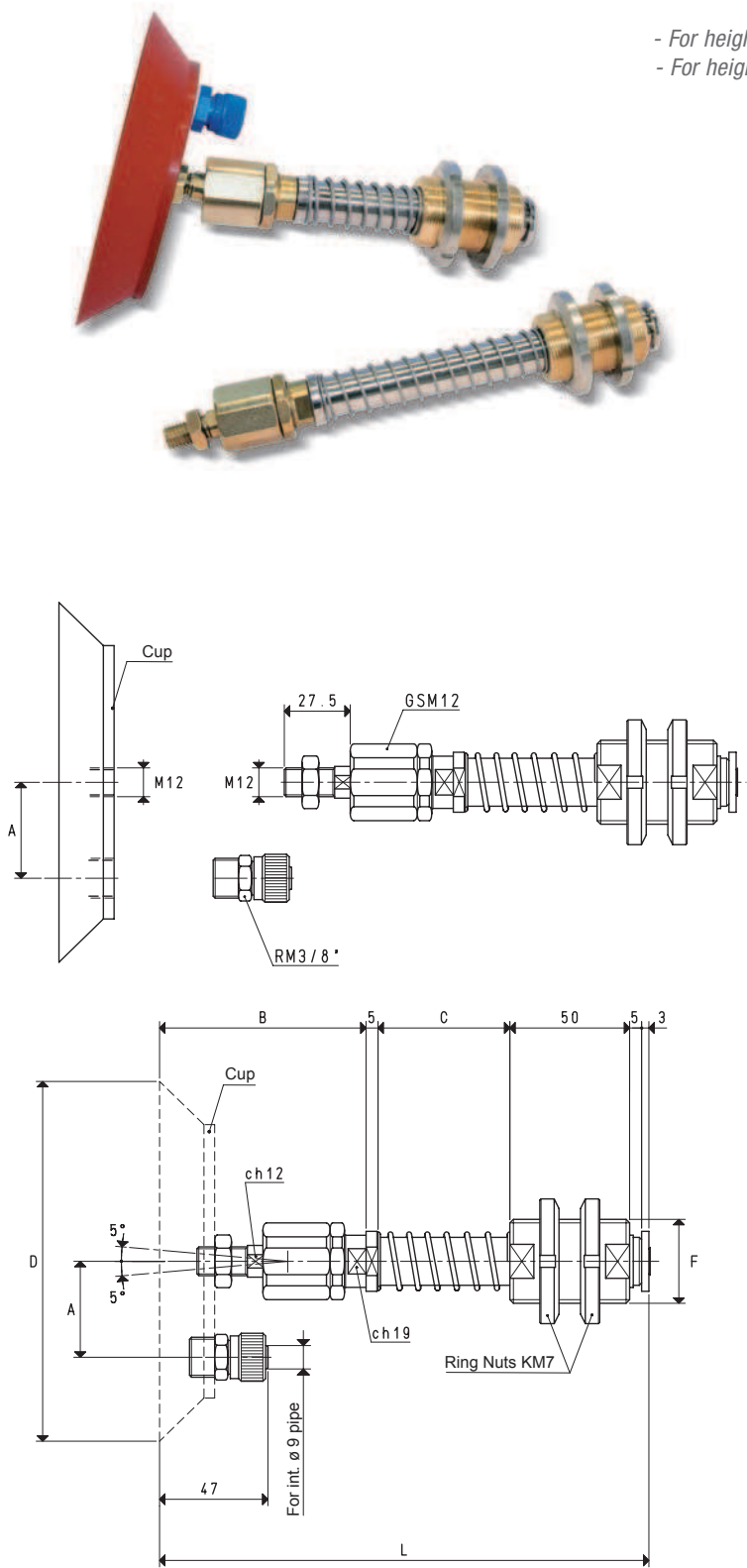
Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	Support included art.	Weight Kg	Weight Kg
06 150 12	45.00	30	83	55	154	M35 x 1.5	201	01 150 10	00 06 15	1.56	1.69

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

* Also available with height C of 110 mm

SPECIAL ARTICULATED CUP HOLDERS

The actual springing stroke is:
- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 9 X 12									C = 110 mm	
Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	Weight Kg	Weight Kg
06 150 17	45.00	40.0	86	55	150	M35 x 1.5	204	08 150 15	1.73	1.85
06 200 12	78.50	47.5	88	55	200	M35 x 1.5	206	08 200 10	2.63	2.75
06 250 12	122.60	72.5	88	55	250	M35 x 1.5	206	08 250 10	3.89	4.02

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

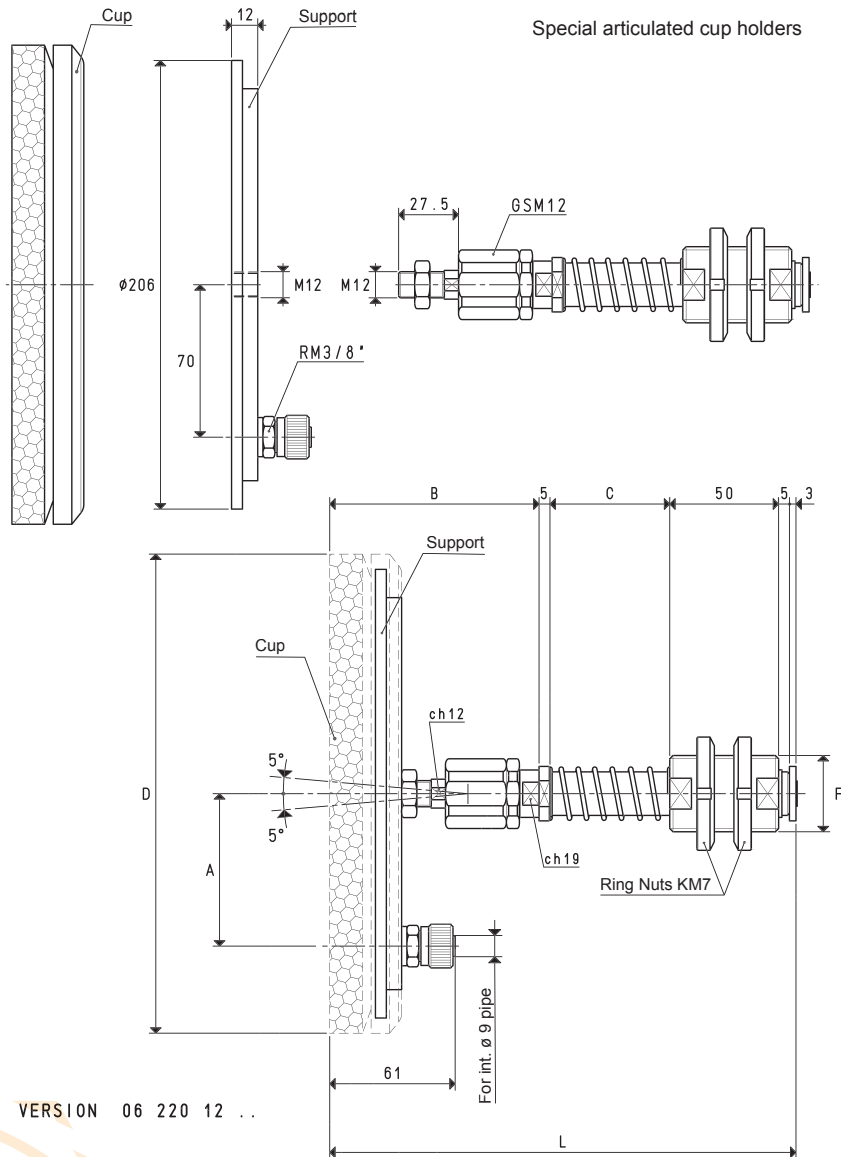
* Also available with height C of 110 mm

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

SPECIAL ARTICULATED CUP HOLDERS

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 220 12 . .

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 9 X 12										C = 110 mm	
Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	Support included art.	Weight Kg	Weight Kg
06 220 12 OF	63.60	70	97	55	220	M35 x 1.5	215	01 220 10 OF	00 08 37	2.08	2.21
06 220 12 NF	63.60	70	97	55	220	M35 x 1.5	215	01 220 10 NF	00 08 37	2.07	2.20

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

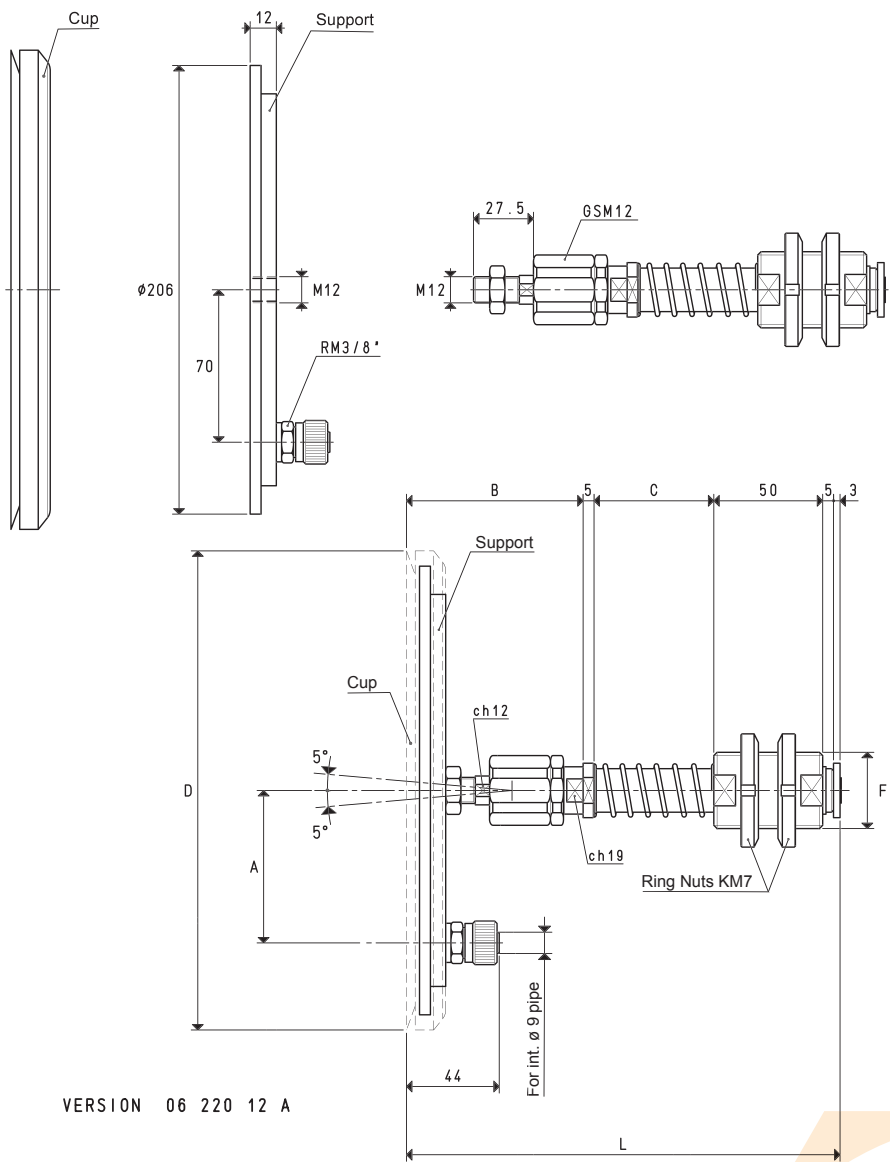
* Also available with height C of 110 mm

SPECIAL ARTICULATED CUP HOLDERS

The actual springing stroke is:
- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



2



VERSION 06 220 12 A

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 9 X 12										C = 110 mm	
Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	Support included art.	Weight Kg	Weight Kg
06 220 12 A	78.50	70	80	55	220	M35 x 1.5	198	01 220 10 A	00 08 37	2.03	2.16

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

* Also available with height C of 110 mm

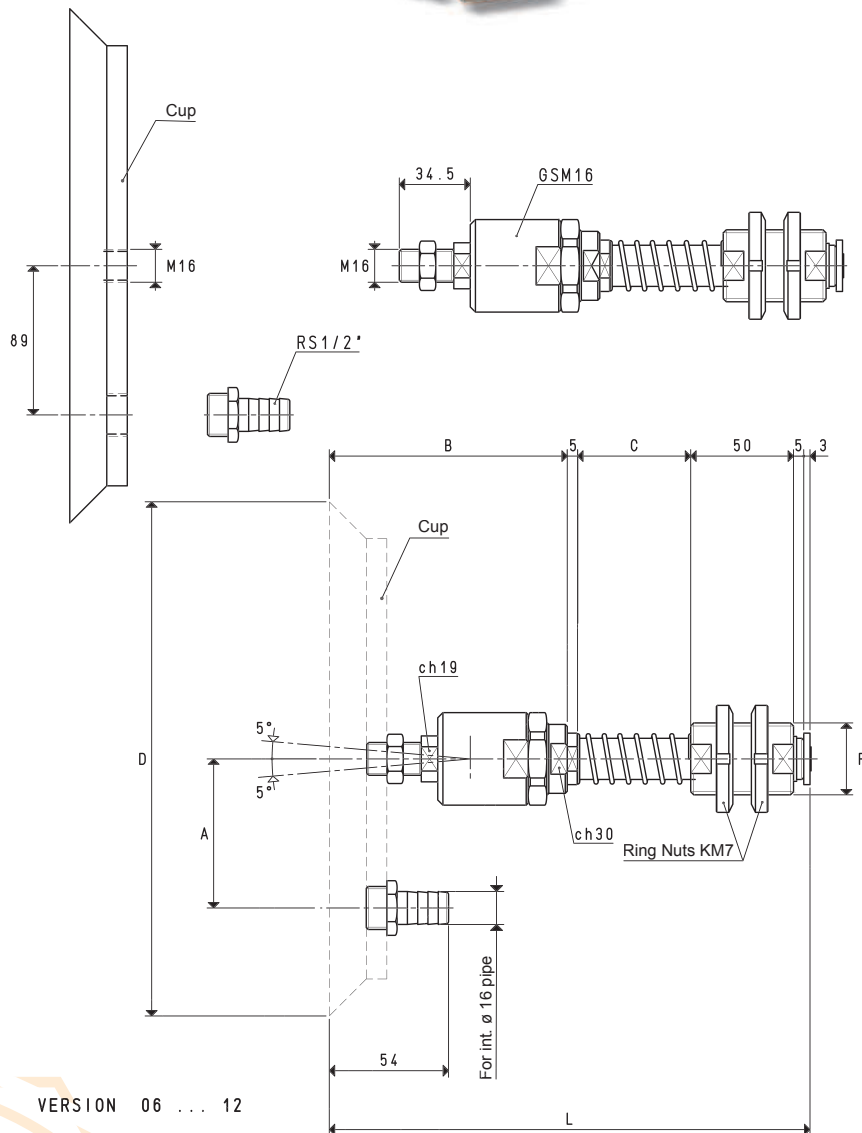
Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$

3D drawings available at www.vuototecnica.net

SPECIAL ARTICULATED CUP HOLDERS

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



CUP HOLDERS WITH HOSE-END FITTING FOR PLASTIC HOSE Ø 16 X 18

C = 110 mm

Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	Weight Kg	Weight Kg
06 300 12	176.6	89	115	55	300	M35 x 1.5	233	08 300 10	6.09	6.22
06 350 12	240.0	89	115	55	350	M35 x 1.5	233	08 350 10	7.95	8.08

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

* Also available with height C of 110 mm

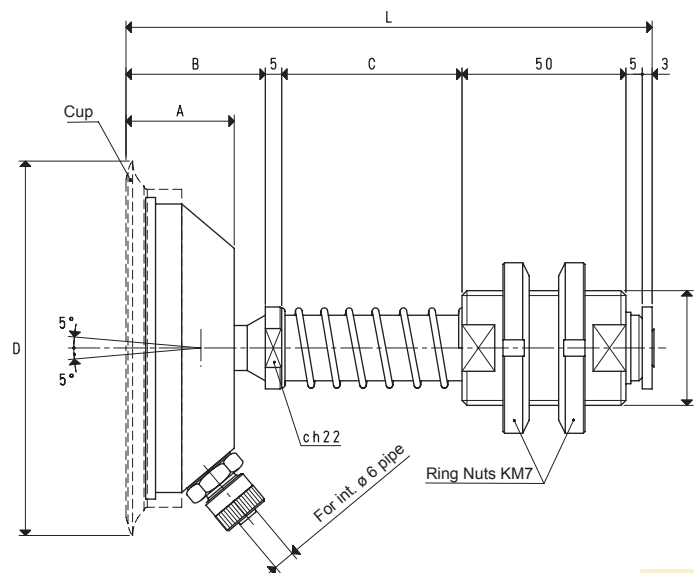
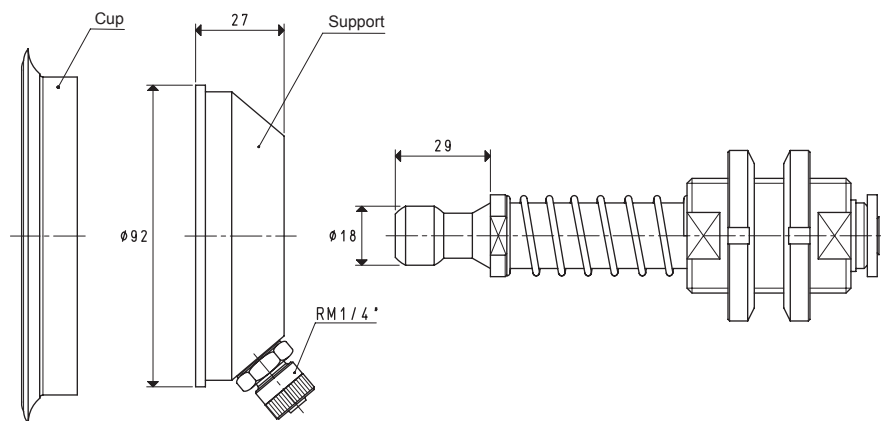
SPECIAL ARTICULATED CUP HOLDERS WITHOUT GS ARTICULATED JOINT



Unlike the ones previously described, these special articulated cup holders have the articulated joint housed in the cup support; this has allowed reducing the overall dimensions, without affecting performance.

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 110 32

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

Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	Support included art.	C = 110 mm	
										Weight Kg	Weight Kg
06 110 32	23.74	33	42.5	55	114	M35 x 1.5	160.5	01 110 10	00 06 62	1.15	1.27

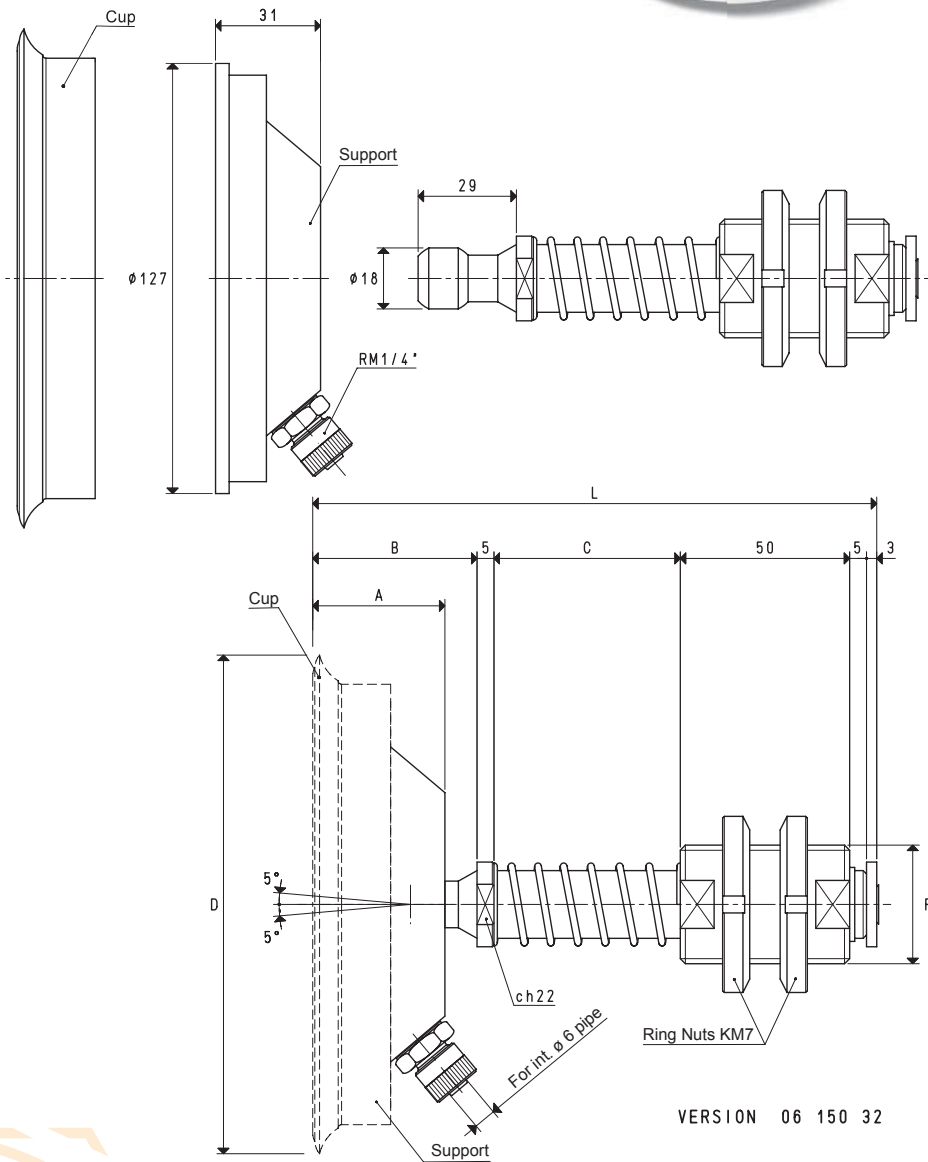
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

* Also available with height C of 110 mm

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

SPECIAL ARTICULATED CUP HOLDERS WITHOUT GS ARTICULATED JOINT

The actual springing stroke is:
- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 150 32

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

C = 110 mm

Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	Support included art.	Weight Kg	Weight Kg
06 150 32	45.00	39	48.5	55	154	M35 x 1.5	166.5	01 150 10	00 06 49	1.63	1.76

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

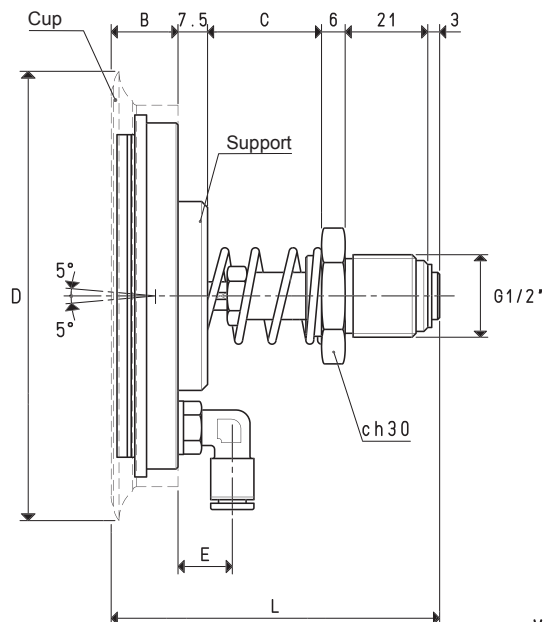
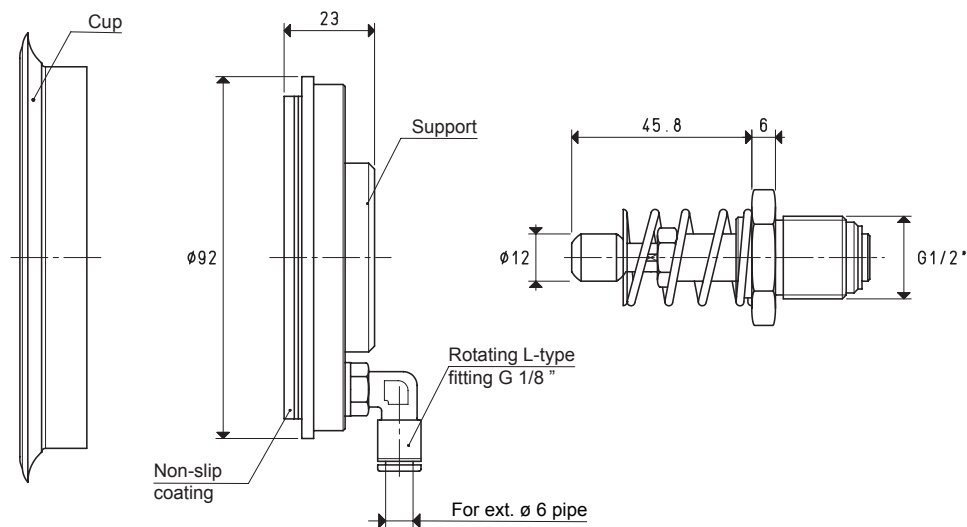
* Also available with height C of 110 mm

SPECIAL ARTICULATED CUP HOLDERS WITH COMPACT STROKE



Marble and glass sheets are usually handled with cups that take them from a horizontal plane and place them vertically or vice versa. These special cup holders with compact stroke have been designed to minimise the lever forces between the cup and the machine fixing bush during the rotation of the sheets, as well as their sliding on the cups. They share all the technical features of the other special cup holders but their overall dimensions are reduced to the minimum, by housing the articulated joint in the cup support, thus reducing the steel stem and the spring stroke length and modifying the brass bush, in order to allow it to be screwed directly onto the machine. Moreover, a special non-slip plastic coating fixed onto the cup support prevents the lifted load from slipping.

2



VERSION 06 110 42

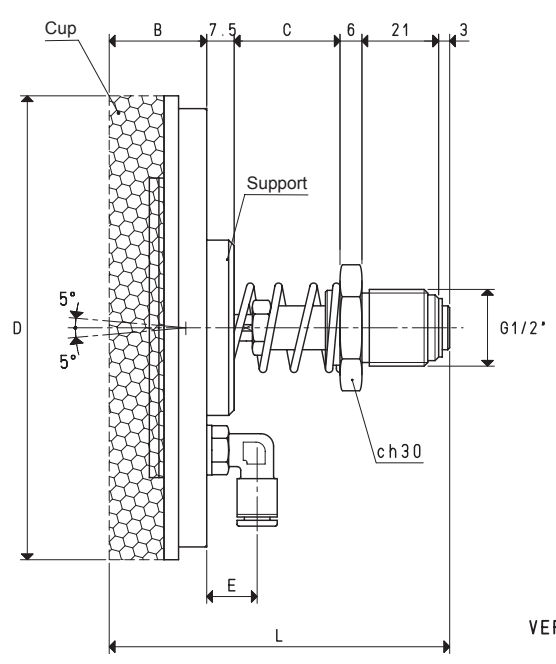
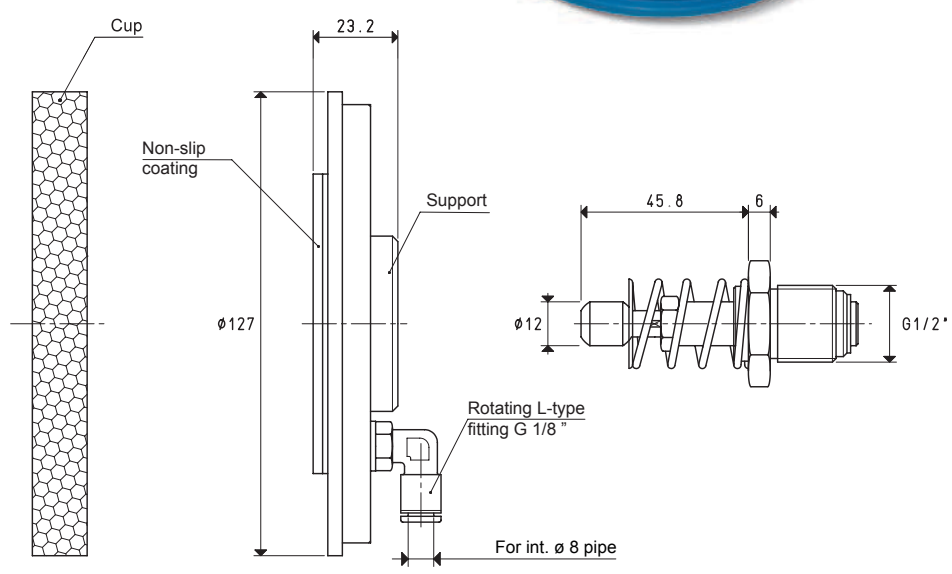
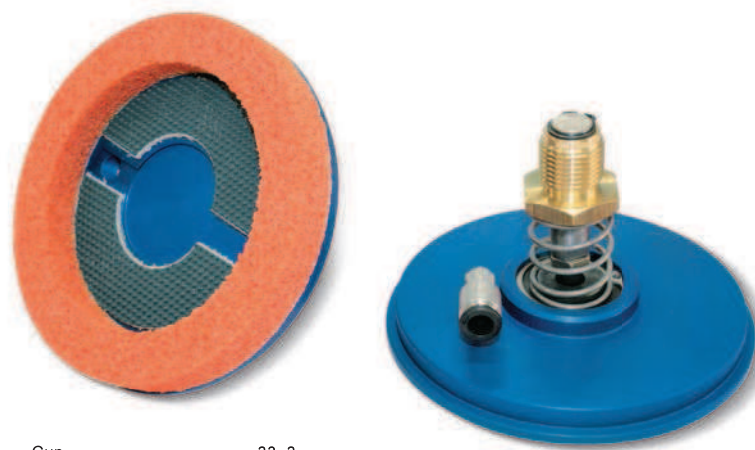
CUP HOLDERS WITH L-TYPE QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force Kg	B	C	D	E Ø	L	Cup art.	Support included art.	Weight Kg
06 110 42	23.74	17	29	114	13	83.5	01 110 10 M	00 06 59	0.49

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 = $\frac{\text{g}}{453.6}$ = $\frac{\text{Kg}}{0.4536}$

SPECIAL ARTICULATED CUP HOLDERS WITH COMPACT STROKE



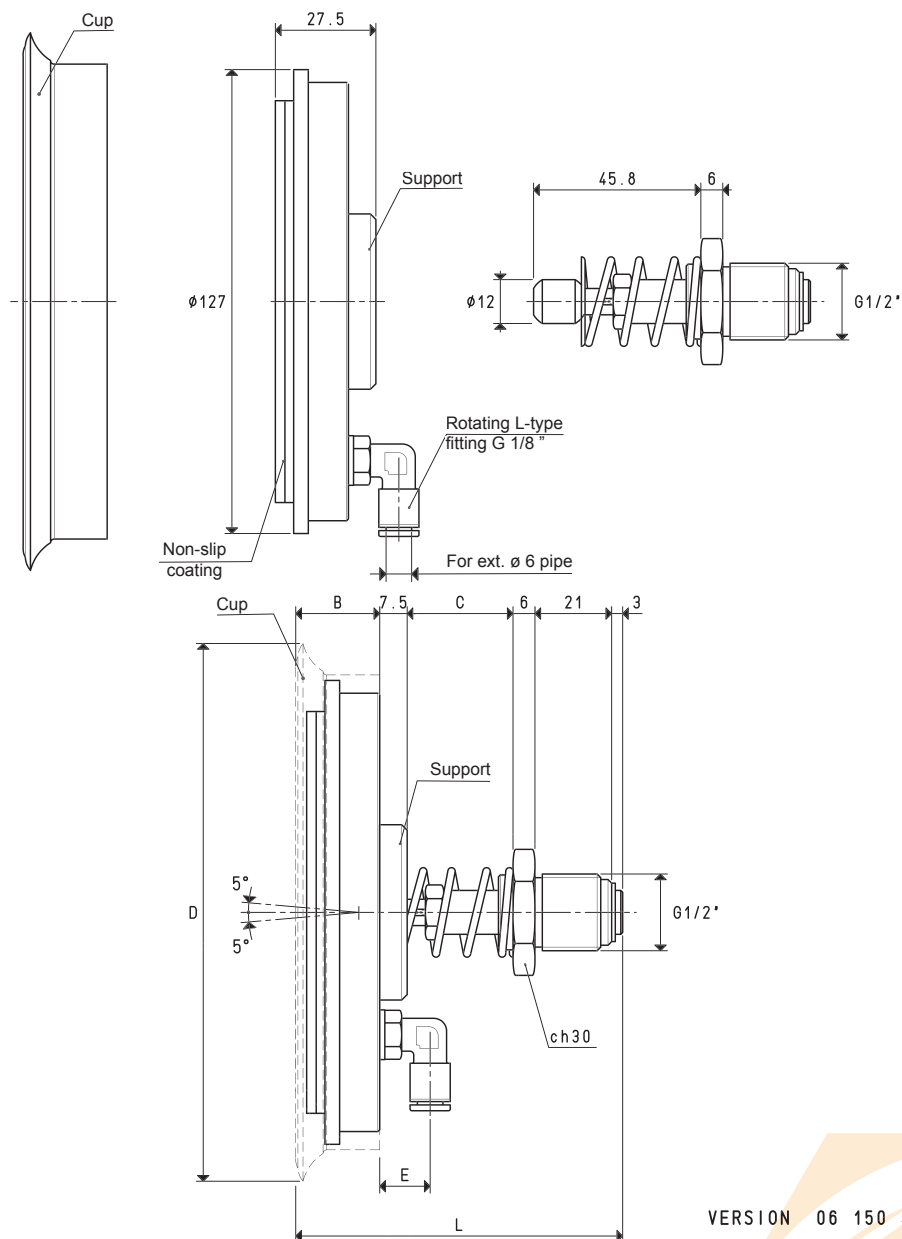
VERSION 06 127 42

CUP HOLDERS WITH L-TYPE QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Art.	Force Kg	B	C	D	E Ø	L	Cup art.	Support included art.	Weight Kg
06 127 42	17.50	26.7	29	127	13.5	93.2	01 127 15	00 06 61	0.76

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

SPECIAL ARTICULATED CUP HOLDERS WITH COMPACT STROKE



VERSION 06 150 42

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6									
Art.	Force Kg	B	C	D	E Ø	L	Cup art.	Support included art.	Weight Kg
06 150 42	45.00	23	29	154	13	89.5	01 150 10 M	00 06 60	0.94

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

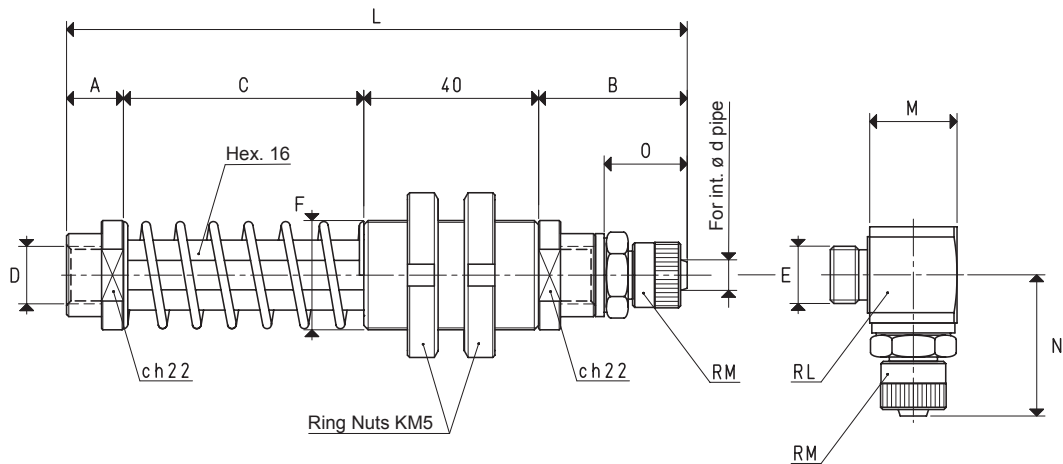
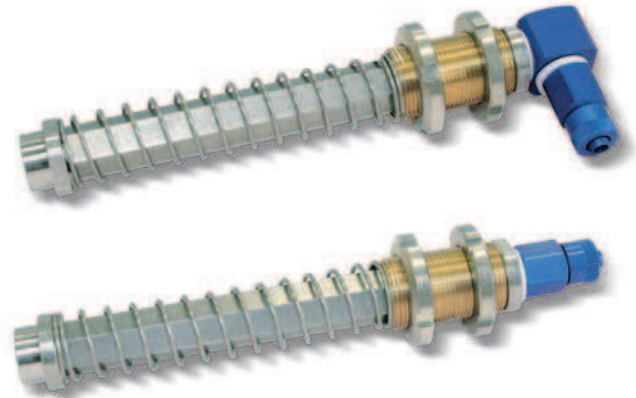
SPECIAL STAINLESS STEEL ANTI-ROTATION CUP HOLDERS

Designed for the robot-automotive sector, these cup holders offer ideal solutions to various handling problems that arise in all industrial sectors. 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. Moreover, the two ends of the stem, also in stainless steel, are threaded male or female and interchangeable. The straight quick coupler for the connection to the suction hose is screwed to one end, while the cup with support is assembled onto the other end.

They are suited for cups with a diameter between 40 mm and 200 mm, and they are necessary for assembling rectangular and oval cups.

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06

VERSION 06 L

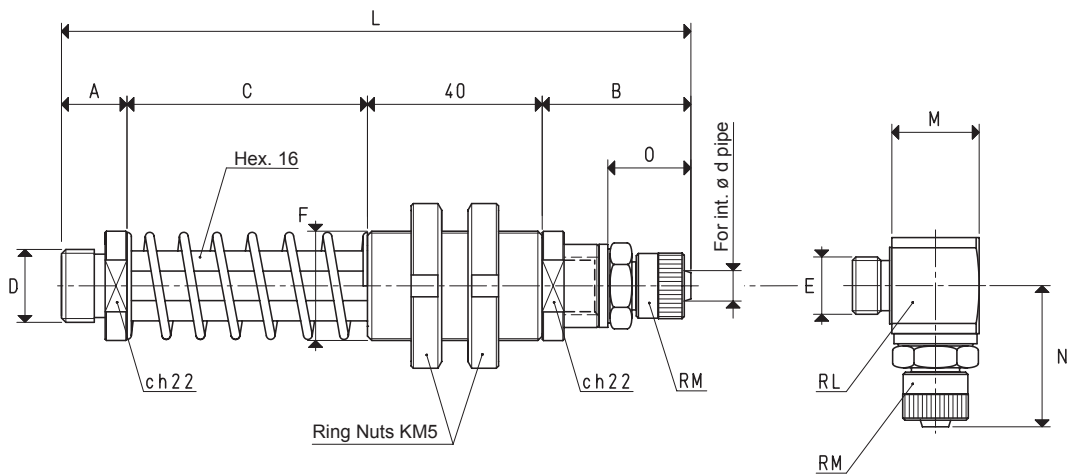
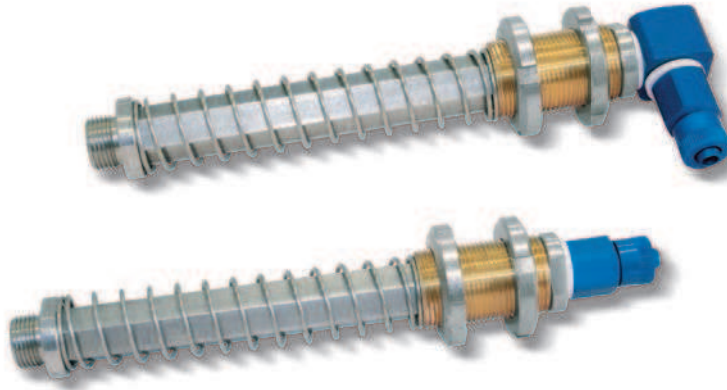
CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE

Art.	A	B	C	D Ø	d Ø	E Ø	F Ø	L	M	N	O	RL	RM	Weight g
06 55 80	13	34	55	G1/4"	6	G1/4"	M25 x 1.5	142	21.0	32.0	18.5	G1/4"	G1/4"	318
06 55 81	15	40	55	G3/8"	9	G3/8"	M25 x 1.5	150	21.5	35.5	22.0	G3/8"	G3/8"	330
06 55 82	15	34	55	G3/8"	6	G1/4"	M25 x 1.5	144	21.0	32.0	18.5	G1/4"	G1/4"	320
06 110 80	13	34	110	G1/4"	6	G1/4"	M25 x 1.5	197	21.0	32.0	18.5	G1/4"	G1/4"	386
06 110 81	15	40	110	G3/8"	9	G3/8"	M25 x 1.5	205	21.5	35.5	22.0	G3/8"	G3/8"	398
06 110 82	15	34	110	G3/8"	6	G1/4"	M25 x 1.5	199	21.0	32.0	18.5	G1/4"	G1/4"	388

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

SPECIAL ANTI-ROTATION CUP HOLDERS WITH THREADED MALE CONNECTOR

The actual springing stroke is:
 - For height C= 55 mm 37 mm
 - For height C= 110 mm 84 mm



VERSION 06

VERSION 06 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE

Art.	A	B	C	D	d	E	F	L	M	N	O	RL	RM	Weight
				Ø	Ø	Ø	Ø							g
06 55 90	15	34	55	G1/4"	6	G1/4"	M25 x 1.5	144	21.0	32.0	18.5	G1/4"	G1/4"	314
06 55 91	15	34	55	G3/8"	6	G1/4"	M25 x 1.5	144	21.0	32.0	18.5	G1/4"	G1/4"	320
06 55 92	15	40	55	G3/8"	9	G3/8"	M25 x 1.5	150	21.5	35.5	22.0	G3/8"	G3/8"	330
06 55 93	15	40	55	G1/2"	9	G3/8"	M25 x 1.5	150	21.5	35.5	22.0	G3/8"	G3/8"	332
06 55 94	15	34	55	M12	6	G1/4"	M25 x 1.5	144	21.0	32.0	18.5	G1/4"	G1/4"	318
06 55 95	15	40	55	M12	9	G3/8"	M25 x 1.5	150	21.5	35.5	22.0	G3/8"	G3/8"	328
06 55 96	15	40	55	M16	9	G3/8"	M25 x 1.5	150	21.5	35.5	22.0	G3/8"	G3/8"	330
06 110 90	15	34	110	G1/4"	6	G1/4"	M25 x 1.5	199	21.0	32.0	18.5	G1/4"	G1/4"	374
06 110 91	15	34	110	G3/8"	6	G1/4"	M25 x 1.5	199	21.0	32.0	18.5	G1/4"	G1/4"	380
06 110 92	15	40	110	G3/8"	9	G3/8"	M25 x 1.5	205	21.5	35.5	22.0	G3/8"	G3/8"	390
06 110 93	15	40	110	G1/2"	9	G3/8"	M25 x 1.5	205	21.5	35.5	22.0	G3/8"	G3/8"	392
06 110 94	15	34	110	M12	6	G1/4"	M25 x 1.5	199	21.0	32.0	18.5	G1/4"	G1/4"	378
06 110 95	15	40	110	M12	9	G3/8"	M25 x 1.5	205	21.5	35.5	22.0	G3/8"	G3/8"	388
06 110 96	15	40	110	M16	6	G3/8"	M25 x 1.5	205	21.5	35.5	22.0	G3/8"	G3/8"	390

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

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

SPECIAL ANTI-ROTATION CUP HOLDERS WITH SPHERICAL SWIVEL SUPPORT

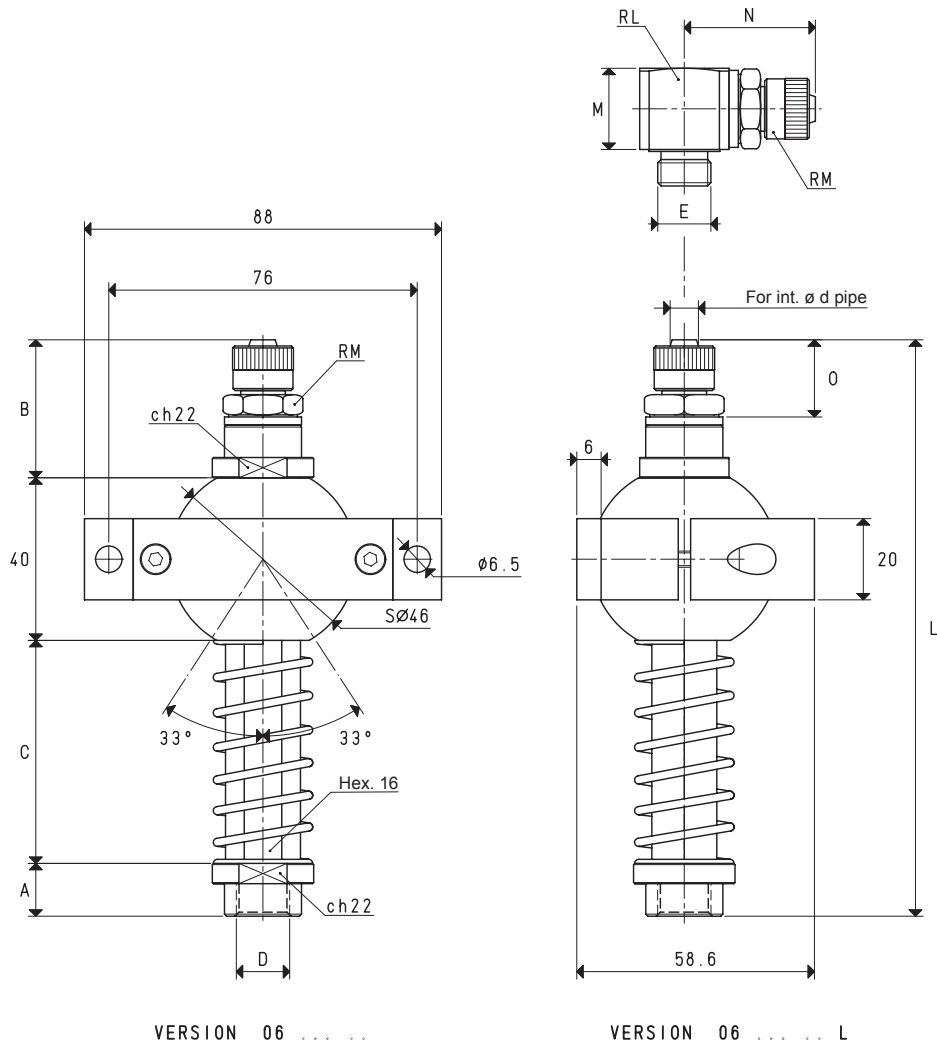
Along with all the features of the special anti-rotation cup holders described above, these cup holders are provided with a nylon spherical swivel support which allows to place and keep the cup in the desired place.

Their fixing support is made with aluminium and is composed of two parts that, screwed together, allow to block the spherical joint, thus keeping the cup holder in place.

They are suited for cups with a diameter between 40 mm and 200 mm, but they are necessary for assembling rectangular and oval cups.

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



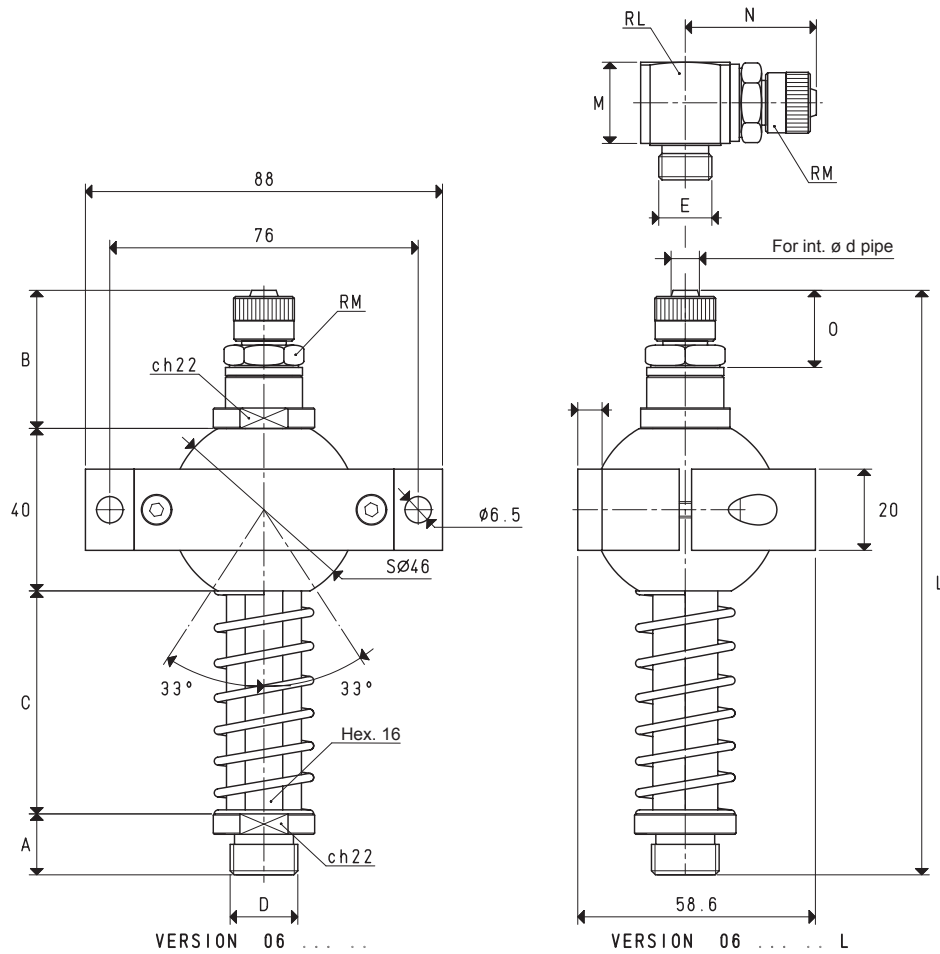
CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE

Art.	A	B	C	D	d	E	L	M	N	O	RL	RM	Weight g
06 55 100	13	34	55	G1/4"	6	G1/4"	142	21.0	32.0	18.5	G1/4"	G1/4"	338
06 55 101	15	40	55	G3/8"	9	G3/8"	150	21.5	35.5	22.0	G3/8"	G3/8"	350
06 55 102	15	34	55	G3/8"	6	G1/4"	144	21.0	32.0	18.5	G1/4"	G1/4"	340
06 110 100	13	34	110	G1/4"	6	G1/4"	197	21.0	32.0	18.5	G1/4"	G1/4"	406
06 110 101	15	40	110	G3/8"	9	G3/8"	205	21.5	35.5	22.0	G3/8"	G3/8"	418
06 110 102	15	34	110	G3/8"	6	G1/4"	199	21.0	32.0	18.5	G1/4"	G1/4"	408

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

SPECIAL ANTI-ROTATION CUP HOLDERS WITH SPHERICAL SWIVEL SUPPORT

The actual springing stroke is:
 - For height C= 55 mm 37 mm
 - For height C= 110 mm 84 mm



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE

Art.	A	B	C	D	d	E	L	M	N	O	RL	RM	Weight
				Ø	Ø	Ø							g
06 55 110	15	34	55	G1/4"	6	G1/4"	144	21.0	32.0	18.5	G1/4"	G1/4"	334
06 55 111	15	34	55	G3/8"	6	G1/4"	144	21.0	32.0	18.5	G1/4"	G1/4"	340
06 55 112	15	40	55	G3/8"	9	G3/8"	150	21.5	35.5	22.0	G3/8"	G3/8"	350
06 55 113	15	40	55	G1/2"	9	G3/8"	150	21.5	35.5	22.0	G3/8"	G3/8"	352
06 55 114	15	34	55	M12	6	G1/4"	144	21.0	32.0	18.5	G1/4"	G1/4"	338
06 55 115	15	40	55	M12	9	G3/8"	150	21.5	35.5	22.0	G3/8"	G3/8"	348
06 55 116	15	40	55	M16	9	G3/8"	150	21.5	35.5	22.0	G3/8"	G3/8"	350
06 110 110	15	34	110	G1/4"	6	G1/4"	199	21.0	32.0	18.5	G1/4"	G1/4"	394
06 110 111	15	34	110	G3/8"	6	G1/4"	199	21.0	32.0	18.5	G1/4"	G1/4"	400
06 110 112	15	40	110	G3/8"	9	G3/8"	205	21.5	35.5	22.0	G3/8"	G3/8"	410
06 110 113	15	40	110	G1/2"	9	G3/8"	205	21.5	35.5	22.0	G3/8"	G3/8"	412
06 110 114	15	34	110	M12	6	G1/4"	199	21.0	32.0	18.5	G1/4"	G1/4"	398
06 110 115	15	40	110	M12	9	G3/8"	205	21.5	35.5	22.0	G3/8"	G3/8"	408
06 110 116	15	40	110	M16	9	G3/8"	205	21.5	35.5	22.0	G3/8"	G3/8"	410

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

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

SPECIAL CUP HOLDERS WITH DOUBLE SPRINGING

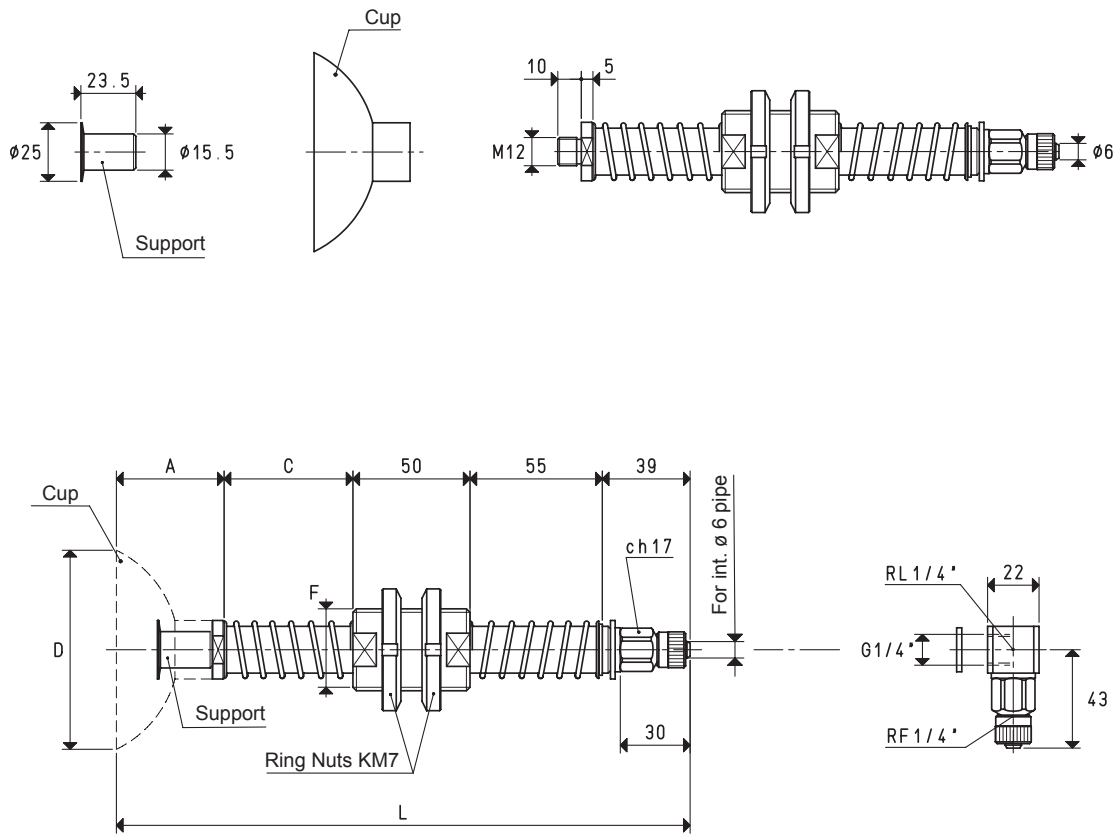
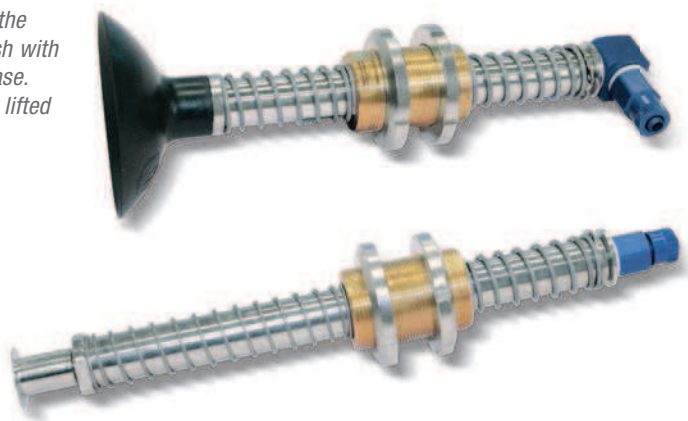
All the special cup holders previously described can be provided in the double springing version.

The cup holder fixing bush is located between two springs: the lower one cushions the impact of the cup with the load to be lifted during the approach phase, while the upper one cushions the impact of the bush with the cup holder end and gradually loads the cup during the lifting phase.

These cup holders are especially recommended when the load to be lifted is very heavy, rough or not perfectly flat.

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 85 13

VERSION 06 85 13 L

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

C = 110 mm

Art.	Force Kg	A	*C	D Ø	F Ø	L	Cup art.	Support included art.	Weight Kg	Weight Kg
06 85 13	13.50	46	55	85	M35 x 1.5	245	01 85 10	00 08 29	0.87	0.99

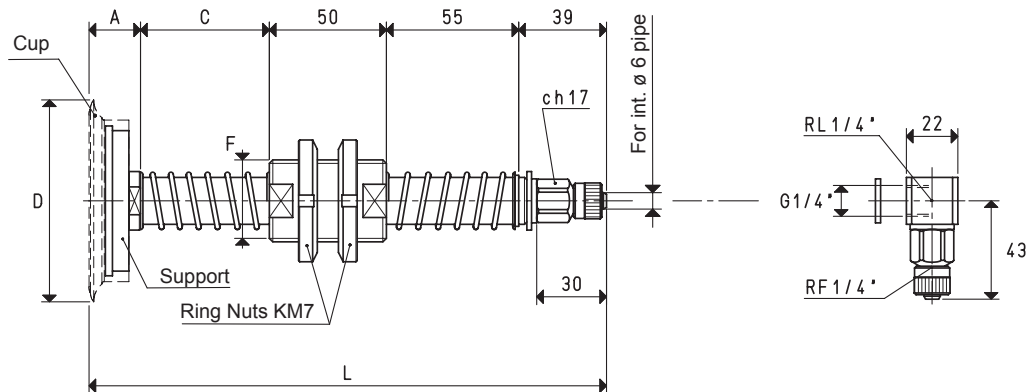
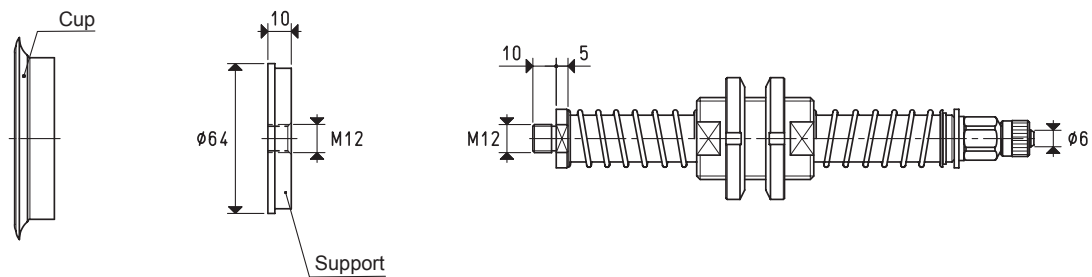
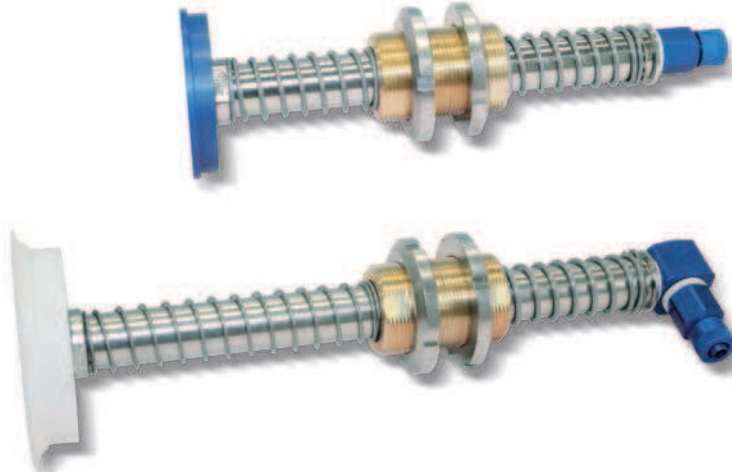
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

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

* Also available with height C of 110 mm

SPECIAL CUP HOLDERS WITH DOUBLE SPRINGING

The actual springing stroke is:
 - For height C= 55 mm 37 mm
 - For height C= 110 mm 84 mm



VERSION 06 85 17

VERSION 06 85 17 L

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

Art.	Force Kg	A	*C	D Ø	F Ø	L	Cup art.	Support included art.	C = 110 mm	
									Weight Kg	Weight Kg
06 85 17	14.18	22	55	85	M35 x 1.5	221	01 85 15	00 08 32	0.90	1.04

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.

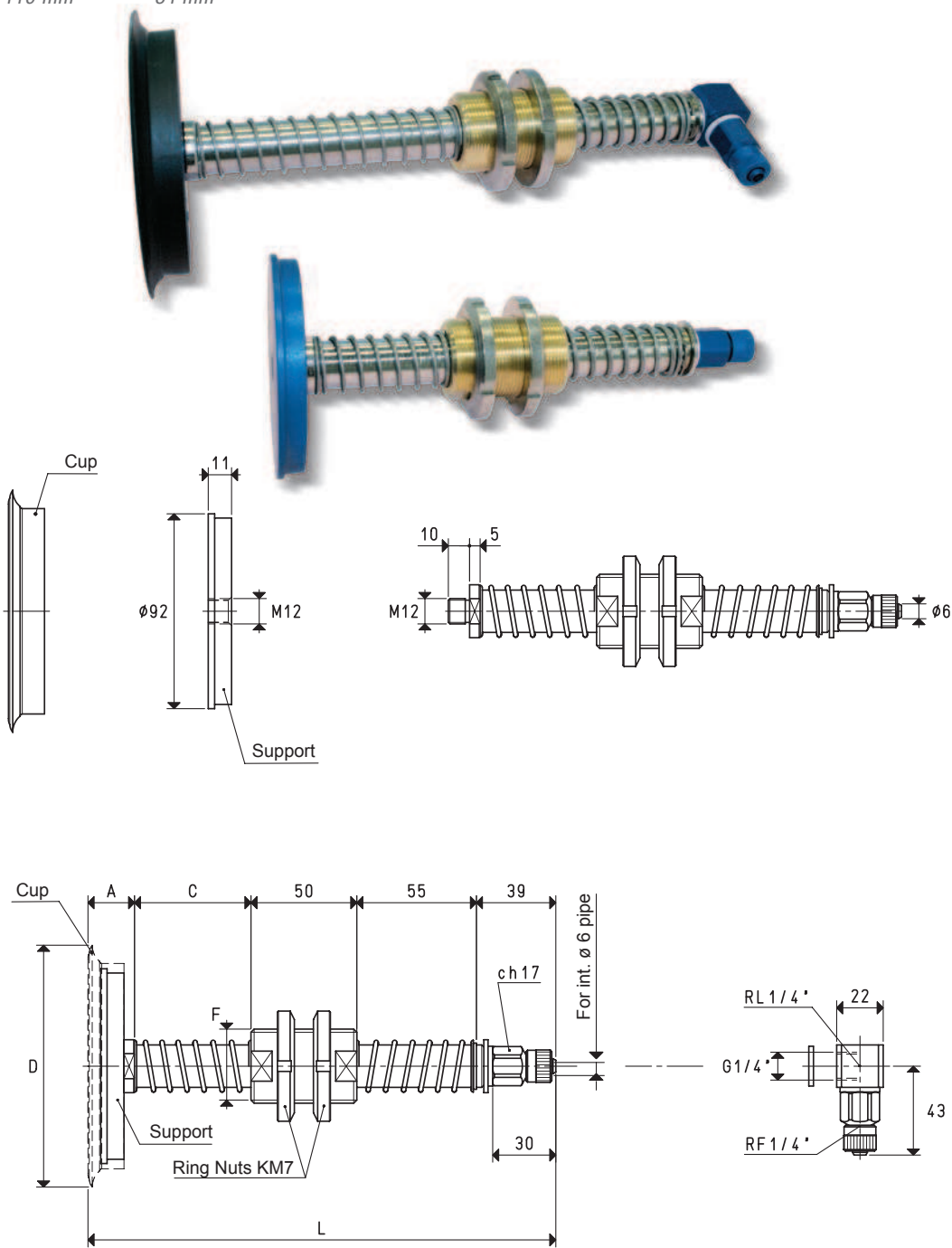
* Also available with height C of 110 mm

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

SPECIAL CUP HOLDERS WITH DOUBLE SPRINGING

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 110 13

VERSION 06 110 13 L

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

C = 110 mm

Art.	Force Kg	A	*C	D Ø	F Ø	L	Cup art.	Support included art.	Weight Kg	Weight Kg
06 110 13	23.74	22	55	114	M35 x 1.5	221	01 110 10	00 08 33	1.05	1.18

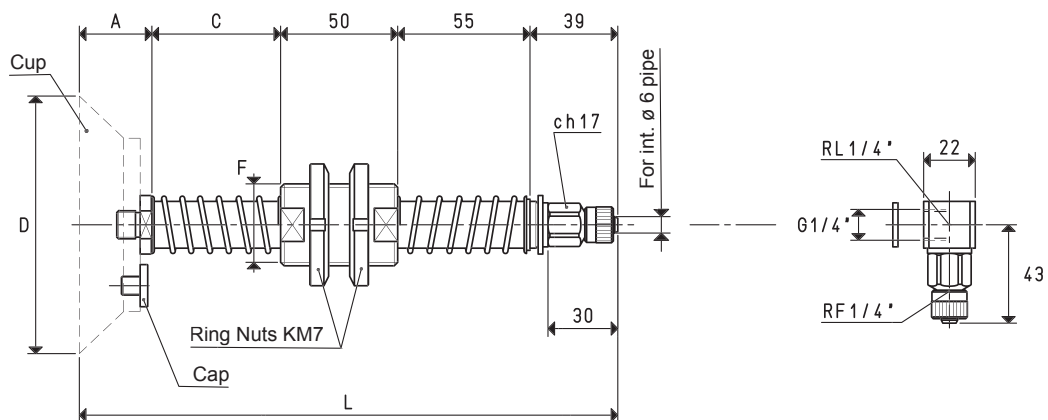
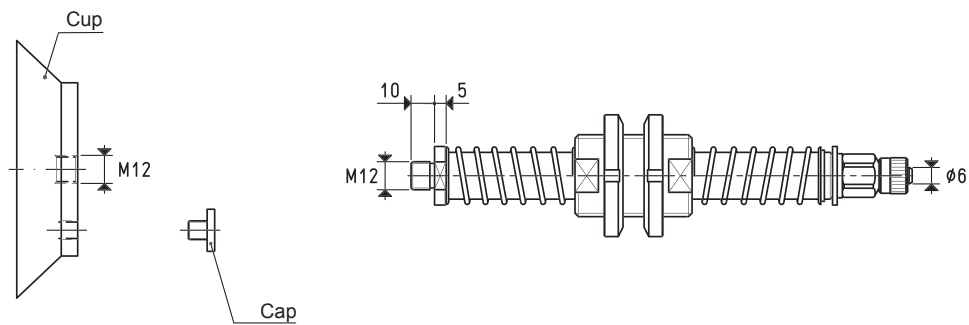
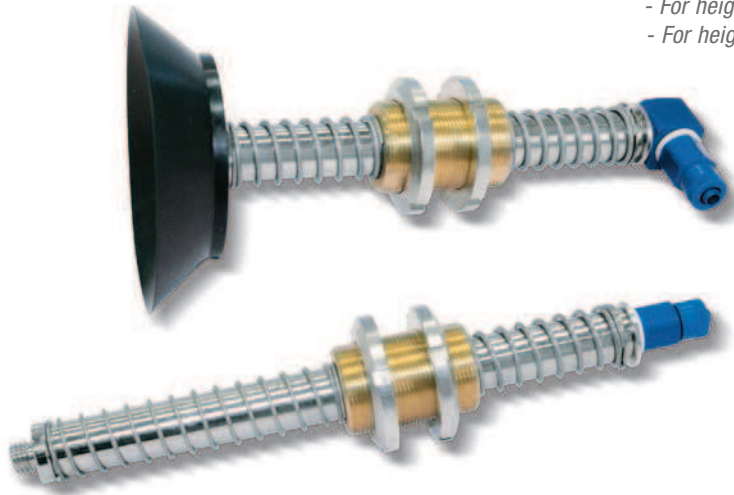
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

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

* Also available with height C of 110 mm

SPECIAL CUP HOLDERS WITH DOUBLE SPRINGING

The actual springing stroke is:
 - For height C= 55 mm 37 mm
 - For height C= 110 mm 84 mm



VERSION 06 110 16

VERSION 06 110 16 L

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

Art.	Force Kg	A	*C	D Ø	F Ø	L	Cup art.	Cap included art.	Weight Kg	Weight Kg
06 110 16	23.74	31	55	110	M35 x 1.5	230	08 110 15	00 11 06	1.12	1.25

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.

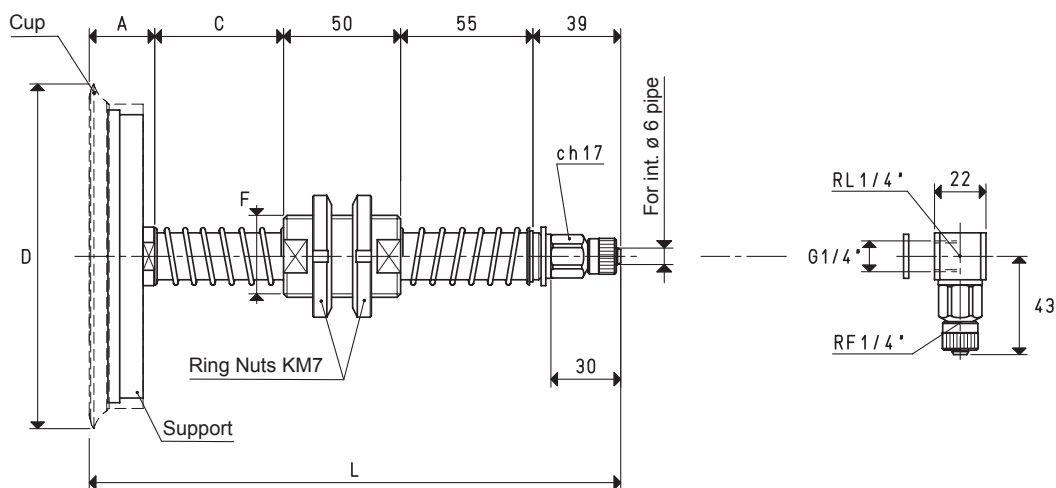
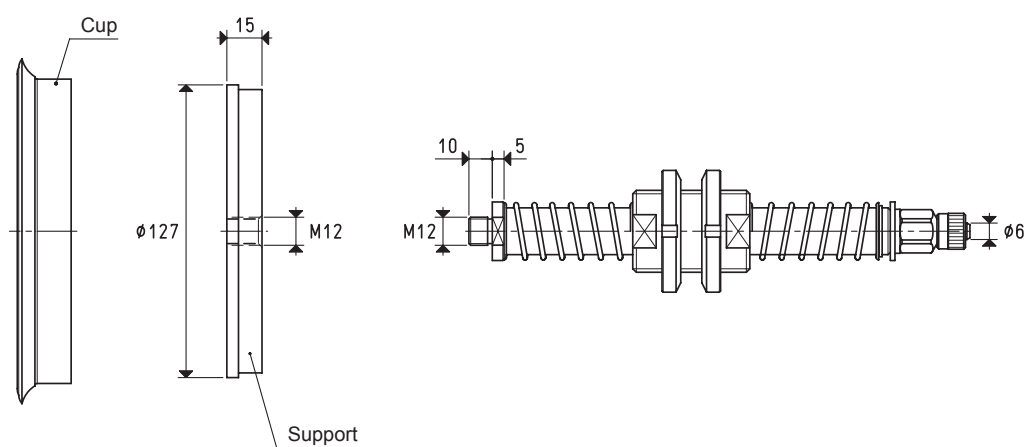
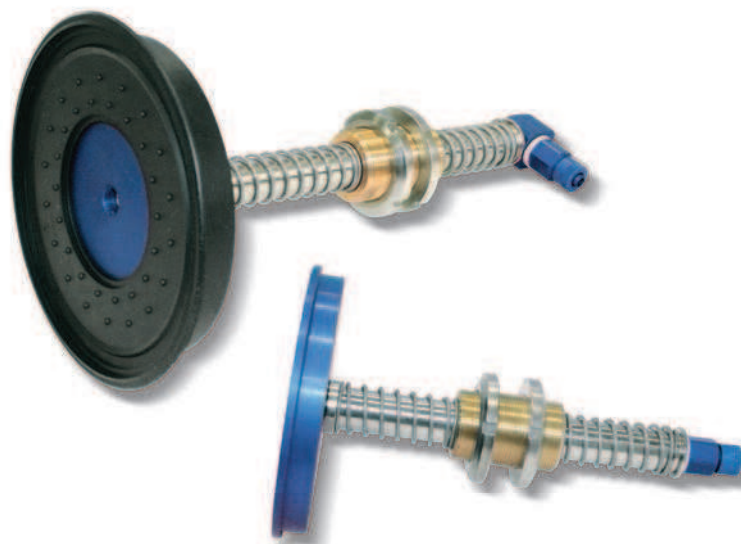
* Also available with height C of 110 mm

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

SPECIAL CUP HOLDERS WITH DOUBLE SPRINGING

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 150 13

VERSION 06 150 13 L

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

C = 110 mm

Art.	Force Kg	A	*C	D Ø	F Ø	L	Cup art.	Support included art.	Weight Kg	Weight Kg
06 150 13	45.00	28	55	154	M35 x 1.5	227	01 150 10	00 08 35	1.46	1.58

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

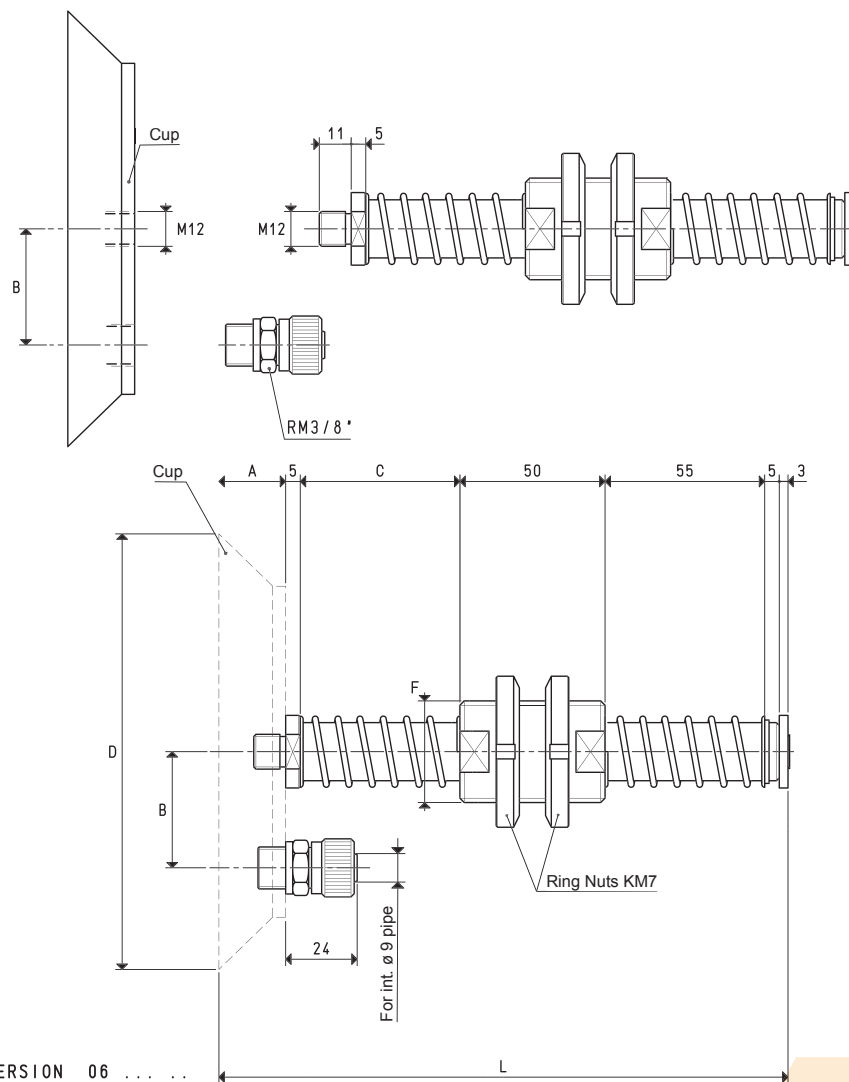
Add the letter L to the code to order L-type fittings.

* Also available with height C of 110 mm

SPECIAL CUP HOLDERS WITH DOUBLE SPRINGING



The actual springing stroke is:
 - For height C= 55 mm 37 mm
 - For height C= 110 mm 84 mm



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 9 X 12

Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	C = 110 mm	
									Weight Kg	Weight Kg
06 150 18	45.0	26	40.0	55	150	M35 x 1.5	199	08 150 15	1.65	1.79
06 200 13	78.5	28	47.5	55	200	M35 x 1.5	201	08 200 10	2.55	2.69
06 250 13	122.6	28	72.5	55	250	M35 x 1.5	201	08 250 10	3.82	3.96

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

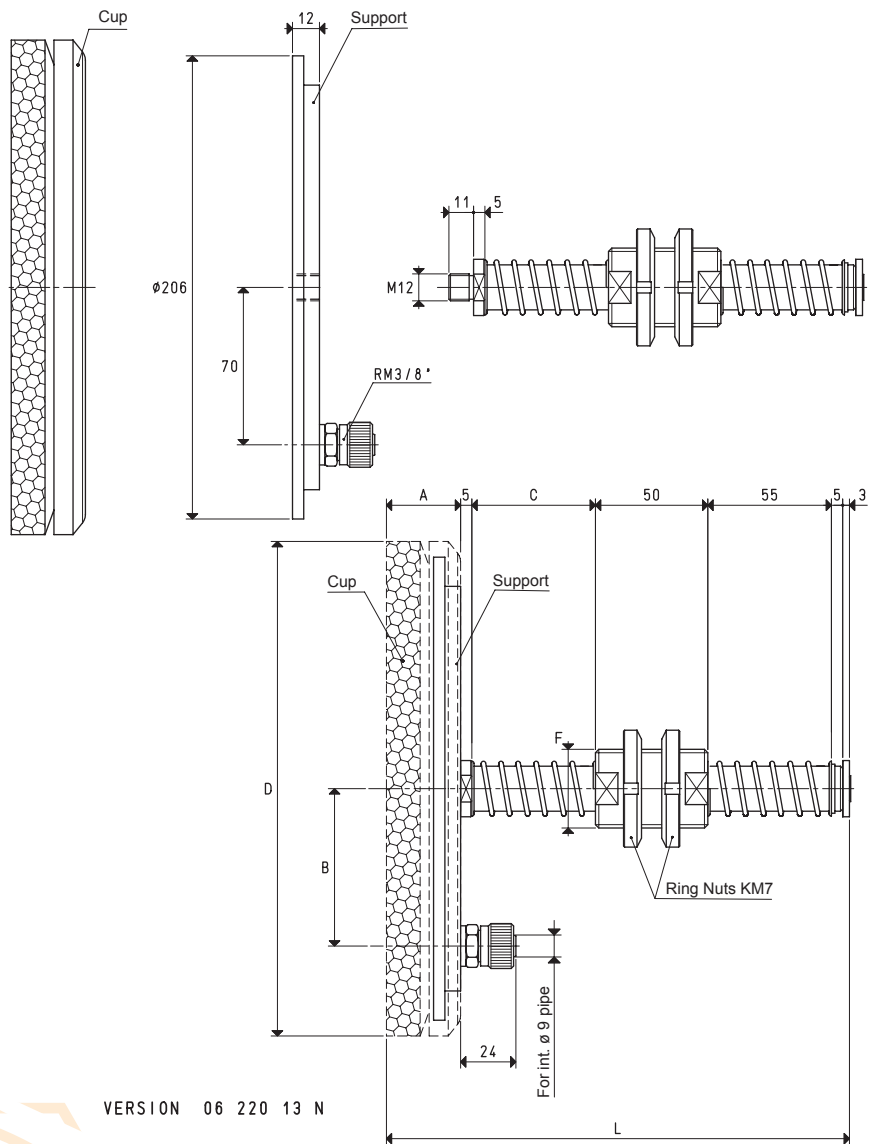
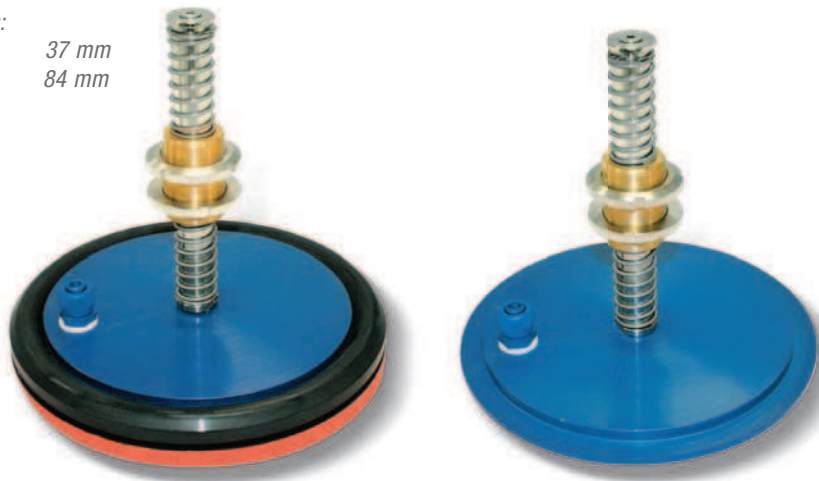
* Also available with height C of 110 mm

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

SPECIAL CUP HOLDERS WITH DOUBLE SPRINGING

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 9 X 12

C = 110 mm

Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	Support included art.	Weight Kg	Weight Kg
06 220 13 OF	63.6	35	70	55	220	M35 x 1.5	208	01 220 10 OF	00 08 37	2.01	2.15
06 220 13 NF	63.6	35	70	55	220	M35 x 1.5	208	01 220 10 NF	00 08 37	2.00	2.14

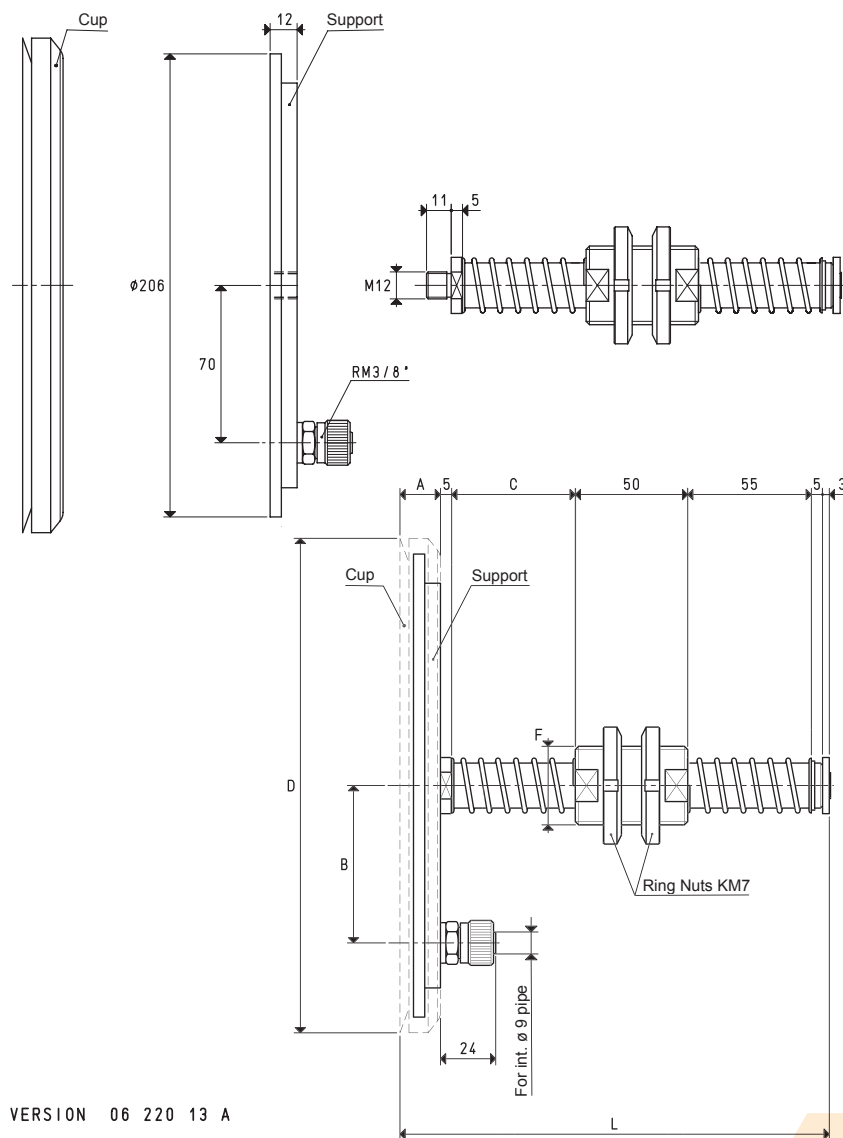
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

* Also available with height C of 110 mm

SPECIAL CUP HOLDERS WITH DOUBLE SPRINGING



The actual springing stroke is:
 - For height C= 55 mm 37 mm
 - For height C= 110 mm 84 mm



VERSION 06 220 13 A

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 9 X 12

Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	Support included art.	C = 110 mm	
										Weight Kg	Weight Kg
06 220 13 A	78.5	20	70	55	220	M35 x 1.5	193	01 220 10 A	00 08 37	1.96	2.09

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

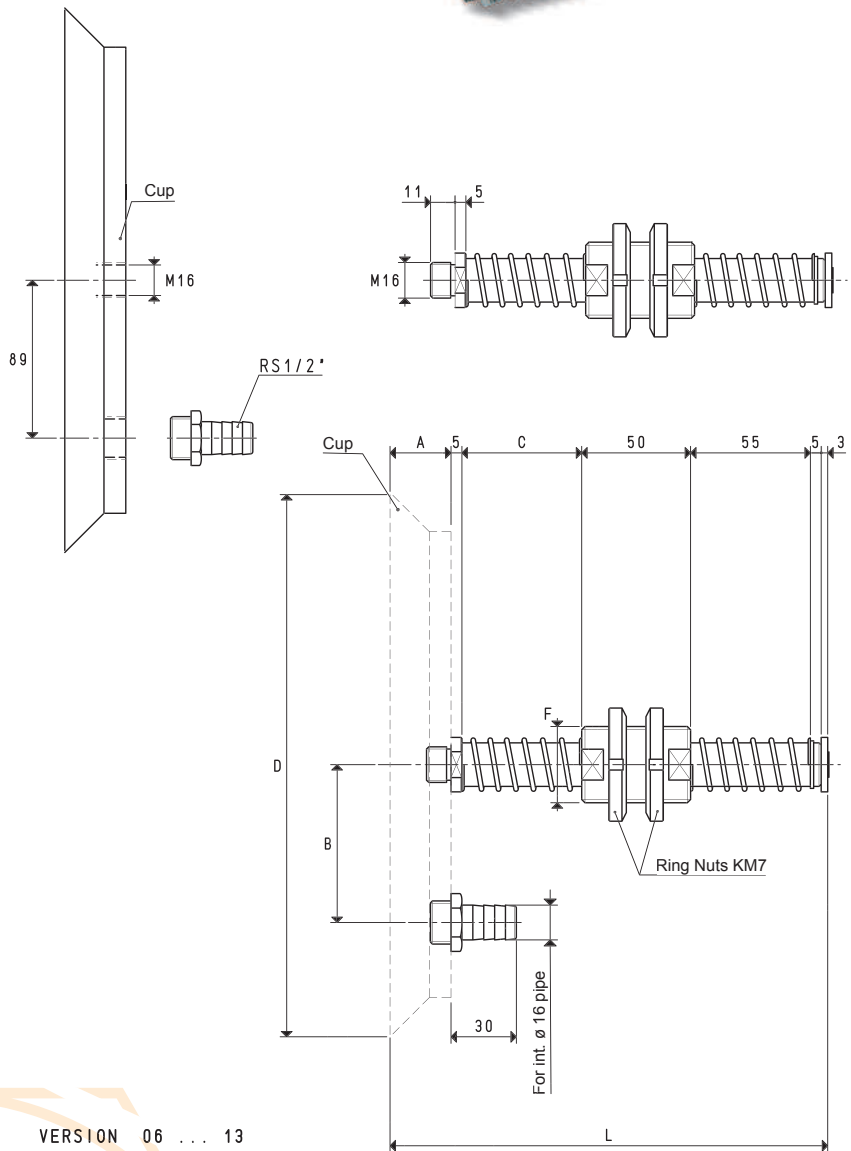
* Also available with height C of 110 mm

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

SPECIAL CUP HOLDERS WITH DOUBLE SPRINGING

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 ... 13

CUP HOLDERS WITH HOSE-END FITTING FOR PLASTIC HOSE Ø 16 X 18

C = 110 mm

Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	Weight Kg	Weight Kg
06 300 13	176.6	31	89	55	300	M35 x 1.5	204	08 300 10	5.57	5.70
06 350 13	240.0	31	89	55	350	M35 x 1.5	204	08 350 10	7.43	7.57

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

* Also available with height C of 110 mm

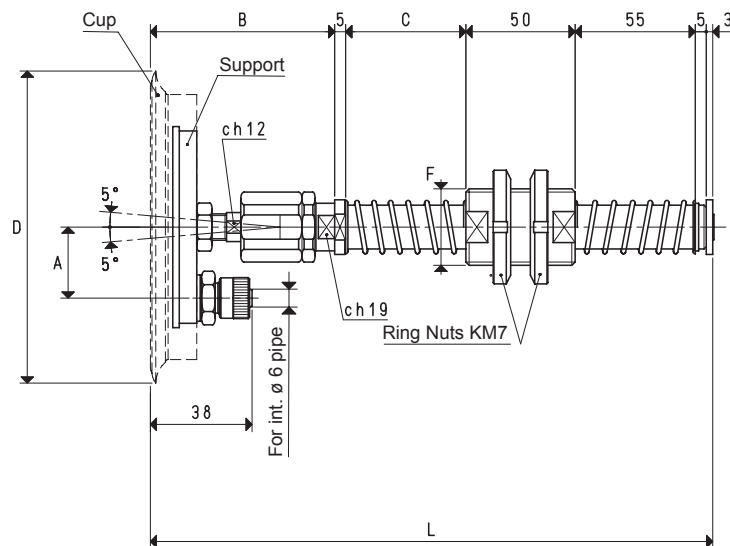
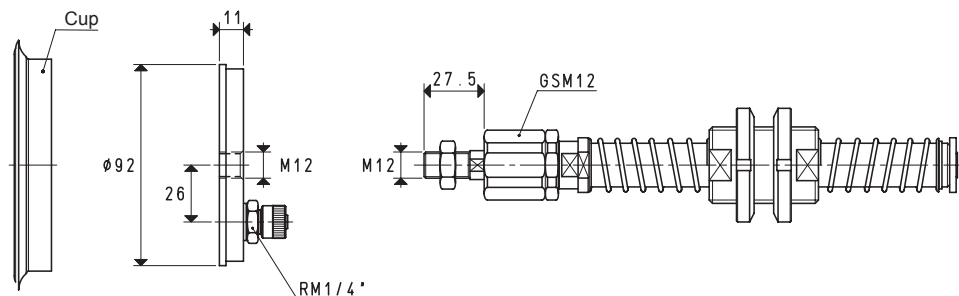
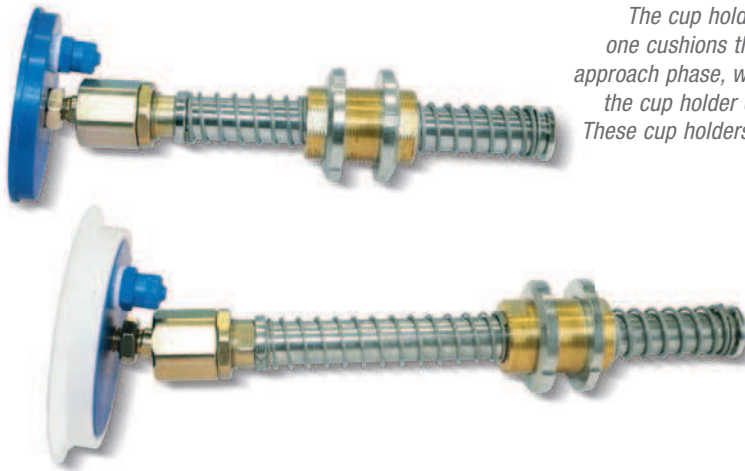
SPECIAL ARTICULATED CUP HOLDERS WITH DOUBLE SPRINGING

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 even if not completely parallel with the cup plane, as well as to compensate possible verticality errors that can arise between the cup holder and the machine fixing support.

The cup holder fixing bush is located between two springs: the lower one cushions the impact of the cup with the load to be lifted during the approach phase, while the upper one cushions the impact of the bush with the cup holder end and gradually loads the cup during the lifting phase. These cup holders are especially recommended when the load to be lifted is very heavy, rough or not perfectly flat.

The actual springing stroke is:

- For height $C = 55 \text{ mm}$ 37 mm
- For height $C = 110 \text{ mm}$ 84 mm



VERSION 06 110 14

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 = 110 mm	
Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	Support included art.	Weight Kg	Weight Kg
06 110 14	23.74	26	77	55	114	M35 x 1.5	250	01 110 10	00 06 14	1.29	1.39

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

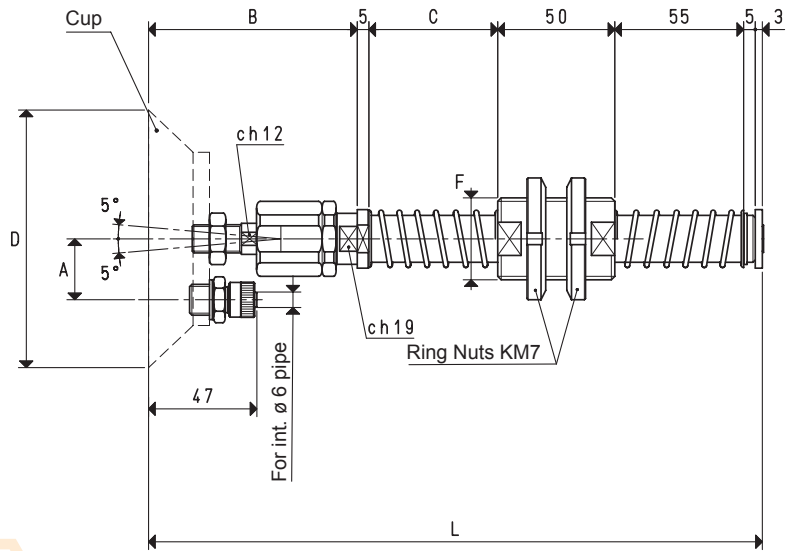
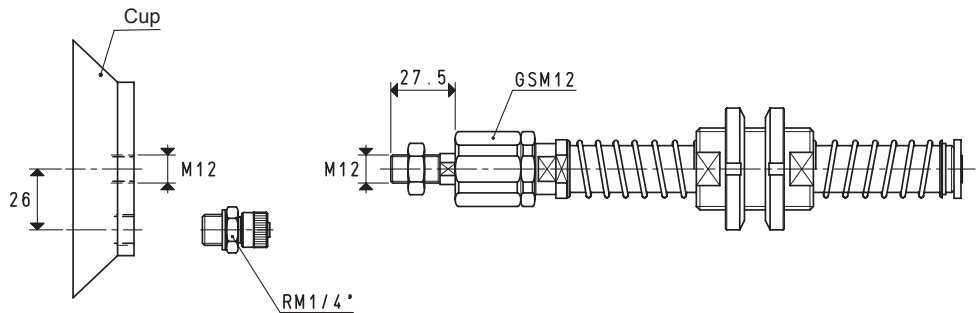
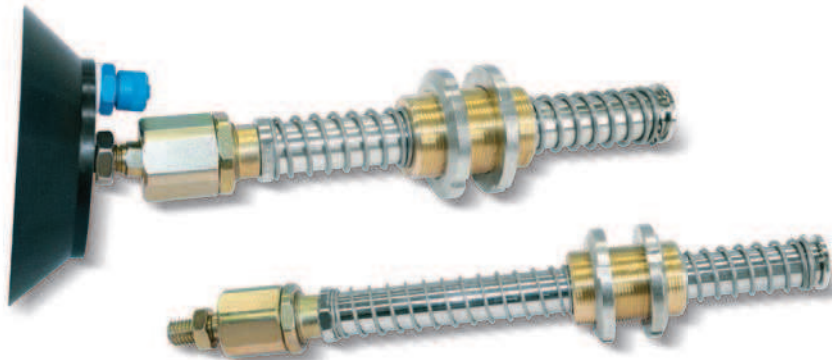
* Also available with height C of 110 mm

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

SPECIAL ARTICULATED CUP HOLDERS WITH DOUBLE SPRINGING

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 110 18

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

C = 110 mm

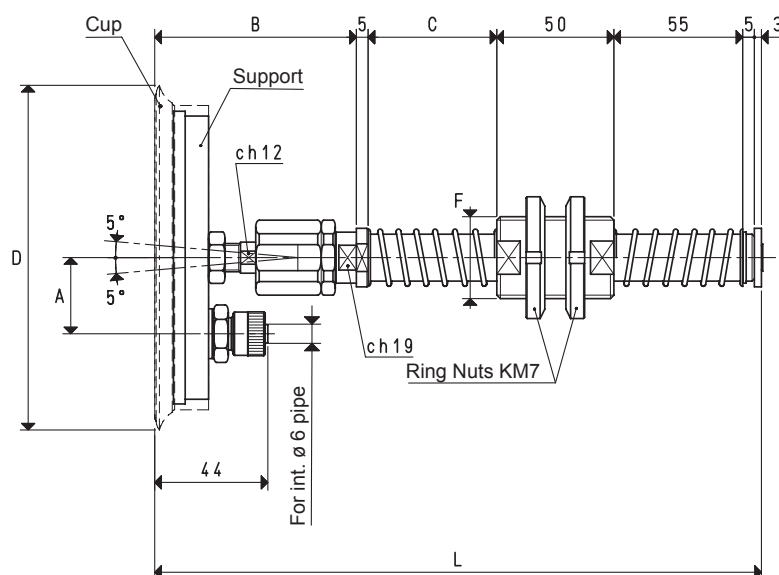
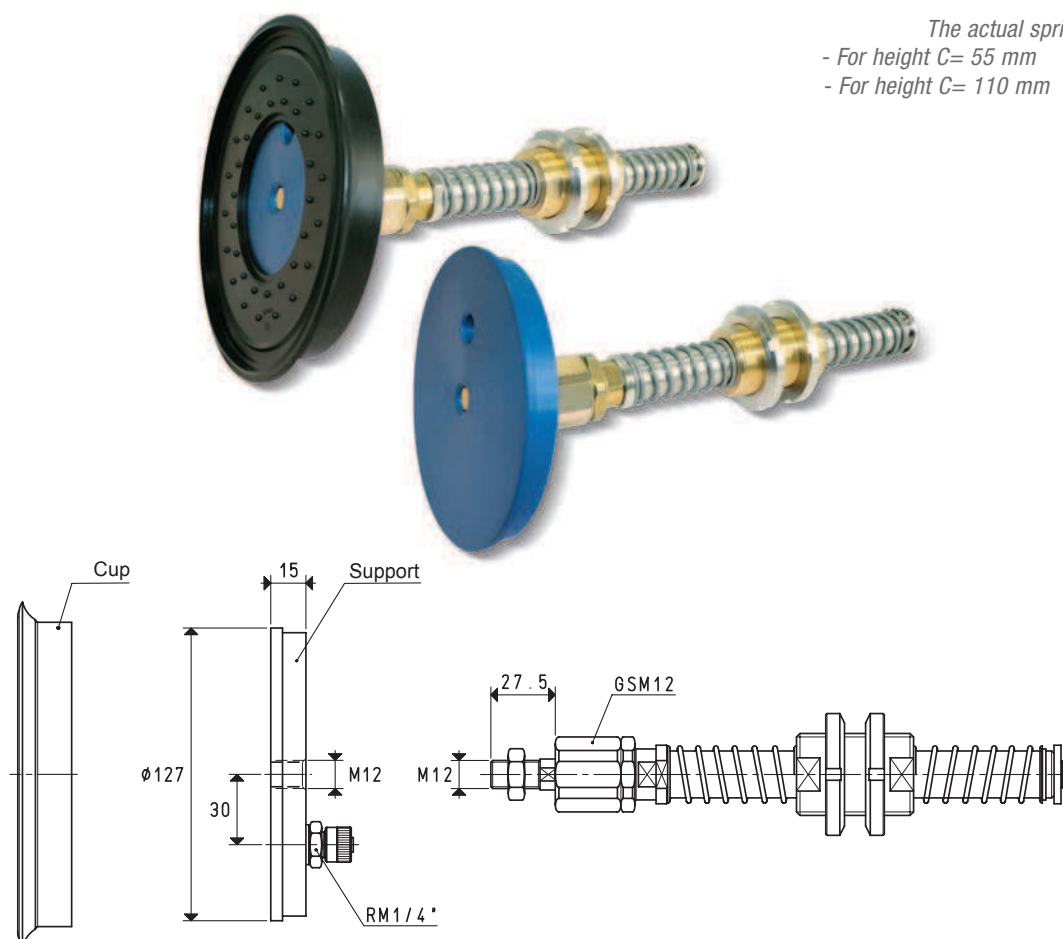
Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	Weight Kg	Weight Kg
06 110 18	23.74	26	86	55	110	M35 x 1.5	259	08 110 15	1.36	1.46

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

* Also available with height C of 110 mm

SPECIAL ARTICULATED CUP HOLDERS WITH DOUBLE SPRINGING

The actual springing stroke is:
 - For height C= 55 mm 37 mm
 - For height C= 110 mm 84 mm



VERSION 06 150 14

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

Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	Support included art.	C = 110 mm	
										Weight Kg	Weight Kg
06 150 14	45.00	30	83	55	154	M35 x 1.5	256	01 150 10	00 06 15	1.71	1.81

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

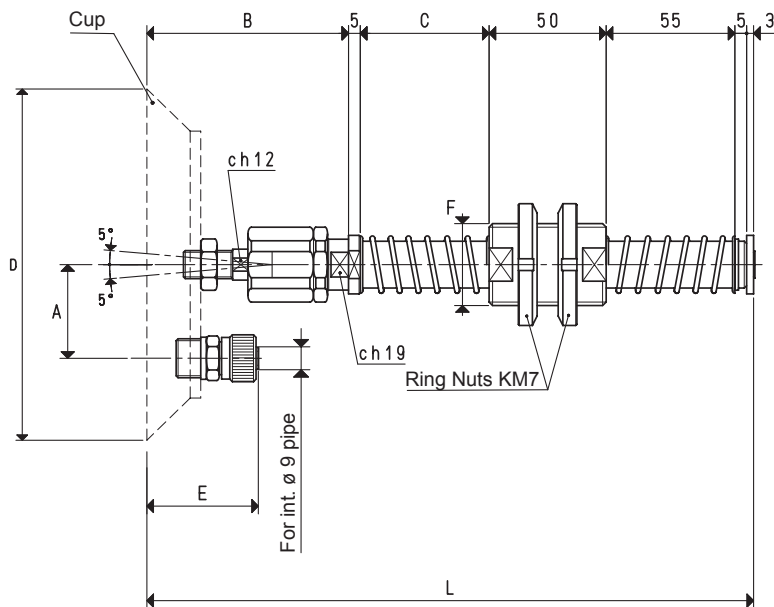
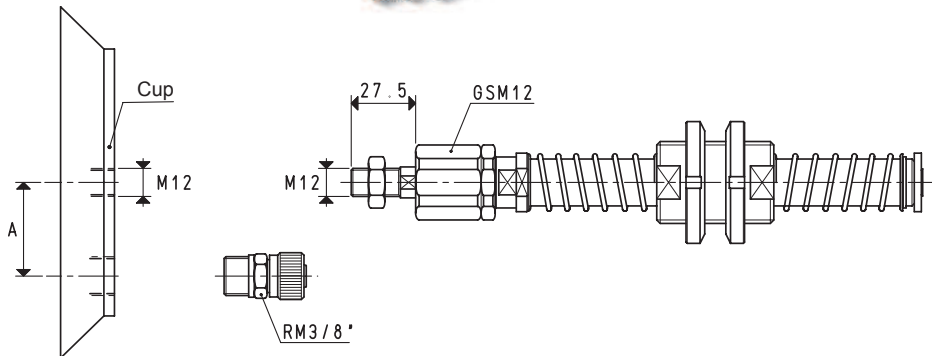
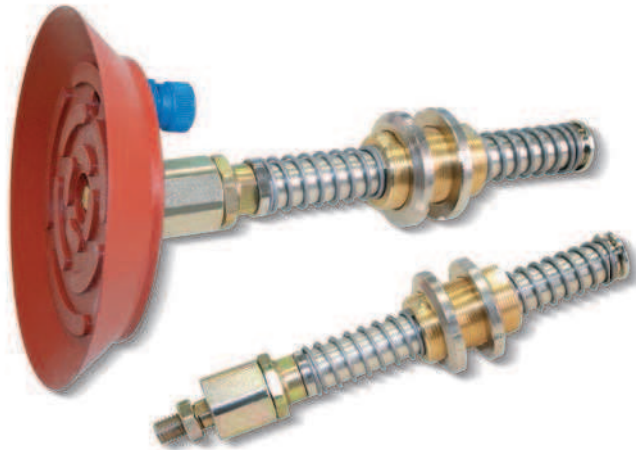
* Also available with height C of 110 mm

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

SPECIAL ARTICULATED CUP HOLDERS WITH DOUBLE SPRINGING

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 9 X 12

C = 110 mm

Art.	Force Kg	A	B	*C	D Ø	E	F Ø	L	Cup art.	Weight Kg	Weight Kg
06 150 19	45.00	40.0	86	55	150	50	M35 x 1.5	259	08 150 15	1.86	1.97
06 200 14	78.50	47.5	88	55	200	52	M35 x 1.5	261	08 200 10	2.77	2.87
06 250 14	122.60	72.5	88	55	250	52	M35 x 1.5	261	08 250 10	4.03	4.14

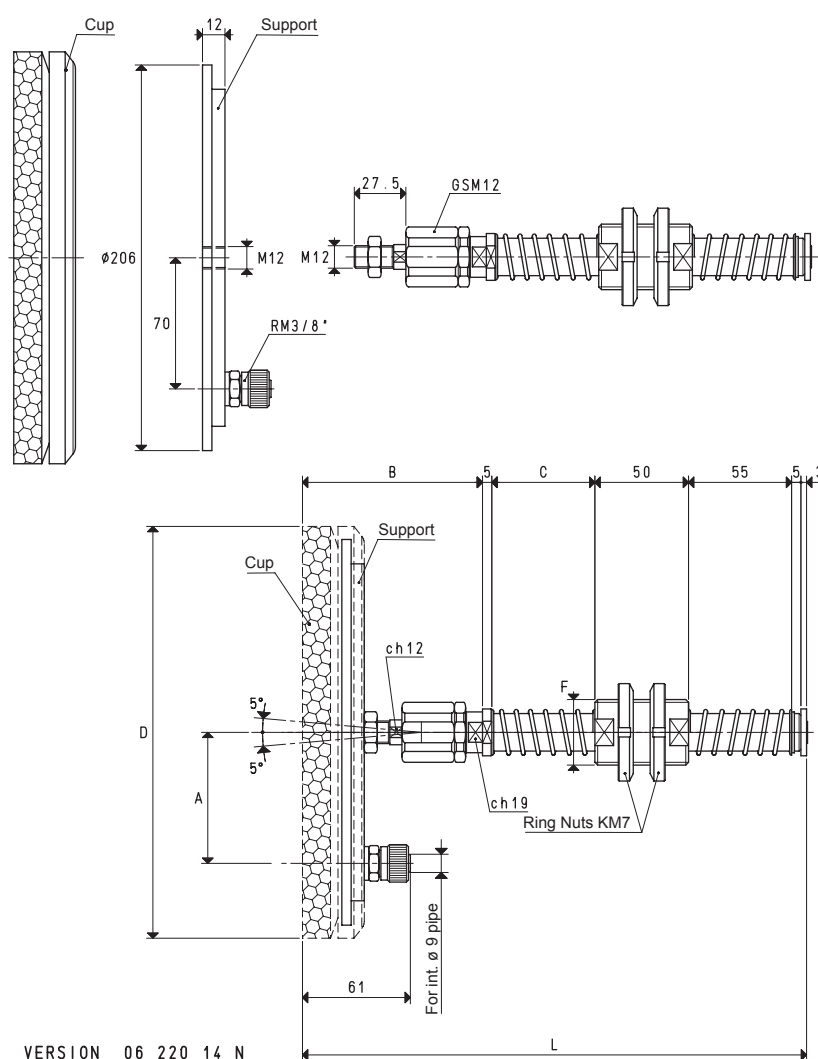
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

* Also available with height C of 110 mm

SPECIAL ARTICULATED CUP HOLDERS WITH DOUBLE SPRINGING



The actual springing stroke is:
 - For height C= 55 mm 37 mm
 - For height C= 110 mm 84 mm



VERSION 06 220 14 N

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 9 X 12

Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	Support included art.	C = 110 mm	
										Weight Kg	Weight Kg
06 220 14 OF	63.6	70	97	55	220	M35 x 1.5	270	01 220 10 OF	00 08 37	2.22	2.32
06 220 14 NF	63.6	70	97	55	220	M35 x 1.5	270	01 220 10 NF	00 08 37	2.21	2.31

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

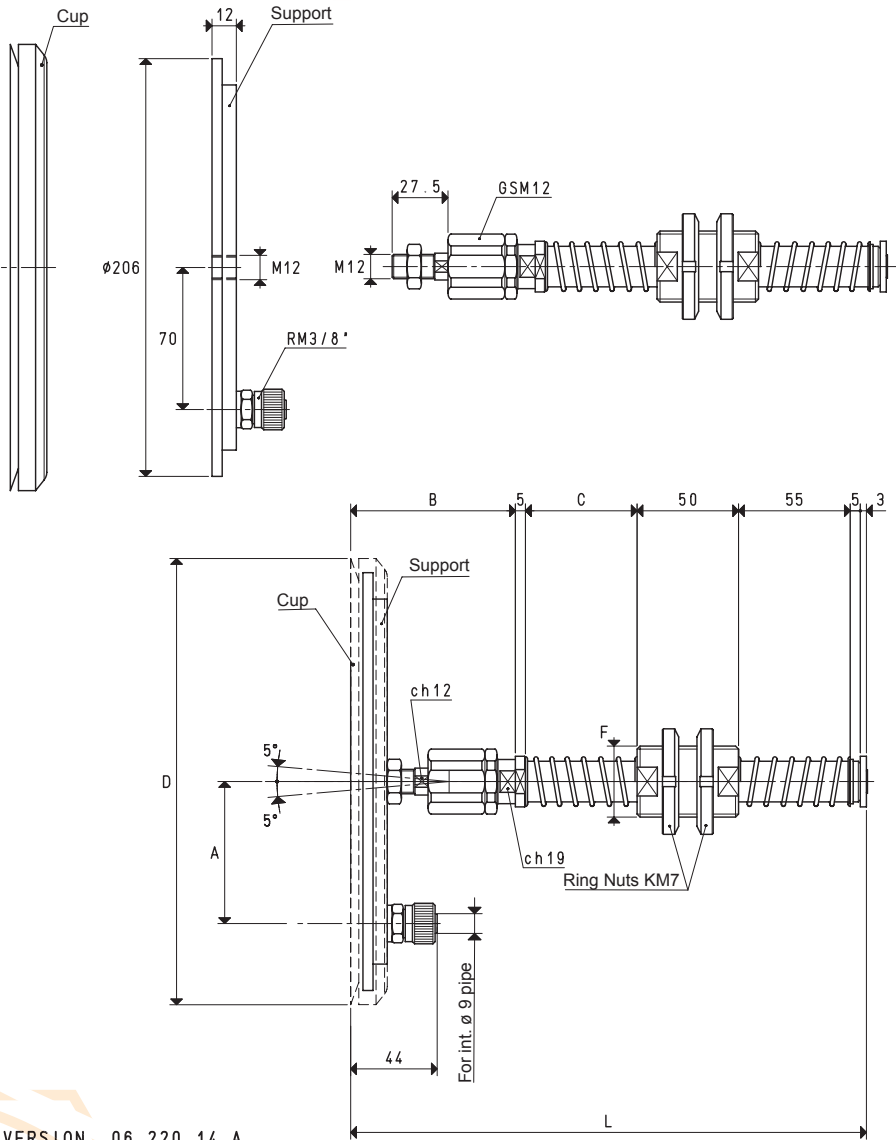
* Also available with height C of 110 mm

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

SPECIAL ARTICULATED CUP HOLDERS WITH DOUBLE SPRINGING

The actual springing stroke is:

- For height C= 55 mm 37 mm
- For height C= 110 mm 84 mm



VERSION 06 220 14 A

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 9 X 12

C = 110 mm

Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	Support included art.	Weight Kg	Weight Kg
06 220 14 A	78.5	70	80	55	220	M35 x 1.5	253	01 220 10 A	00 08 37	2.17	2.27

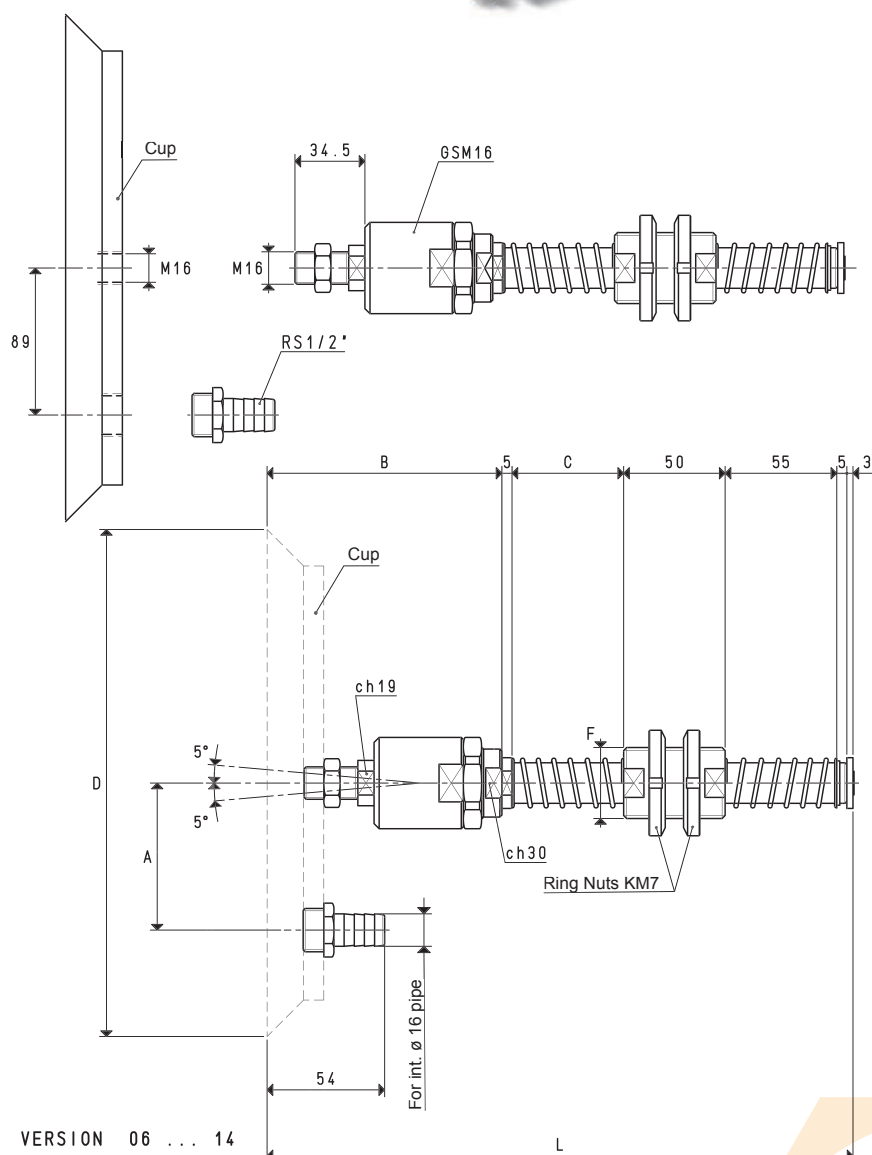
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered separately.

* Also available with height C of 110 mm

SPECIAL ARTICULATED CUP HOLDERS WITH DOUBLE SPRINGING



The actual springing stroke is:
 - For height C= 55 mm 37 mm
 - For height C= 110 mm 84 mm



PORTAVENTOSE CON PORTAGOMMA PER TUBO IN PLASTICA Ø 16 X 18

Art.	Force Kg	A	B	*C	D Ø	F Ø	L	Cup art.	C = 110 mm	
									Weight Kg	Weight Kg
06 300 14	176.6	89	115	55	300	M35 x 1.5	288	08 300 10	6.24	6.63
06 350 14	240.0	89	115	55	350	M35 x 1.5	288	08 350 10	8.10	8.22

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

* Also available with height C of 110 mm

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