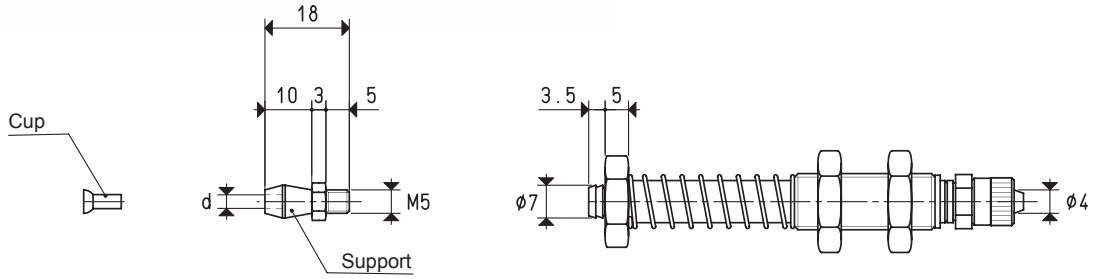
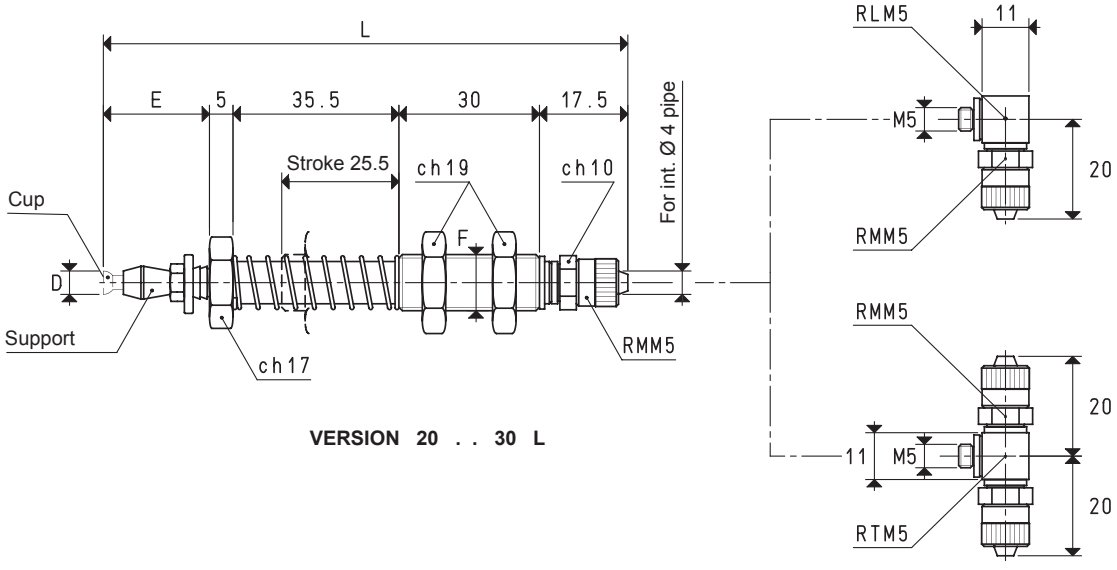
The main feature of the cup holders described in these pages is their reduced size, which results in a reduced weight and bulk. They allow using even very small cups, guaranteeing, given the same diameter, the same performance as the larger series.
They are composed of:
- A brass stem for fastening the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



VERSION 20 . . 30 L



VERSION 20 . . 30 L

VERSION 20 . . 30 L

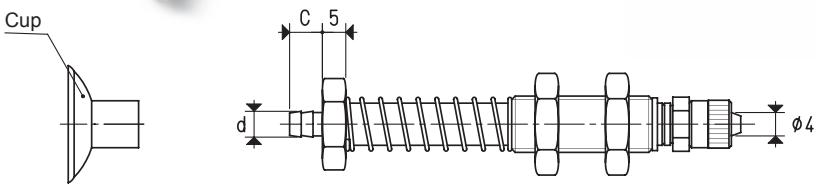
CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

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

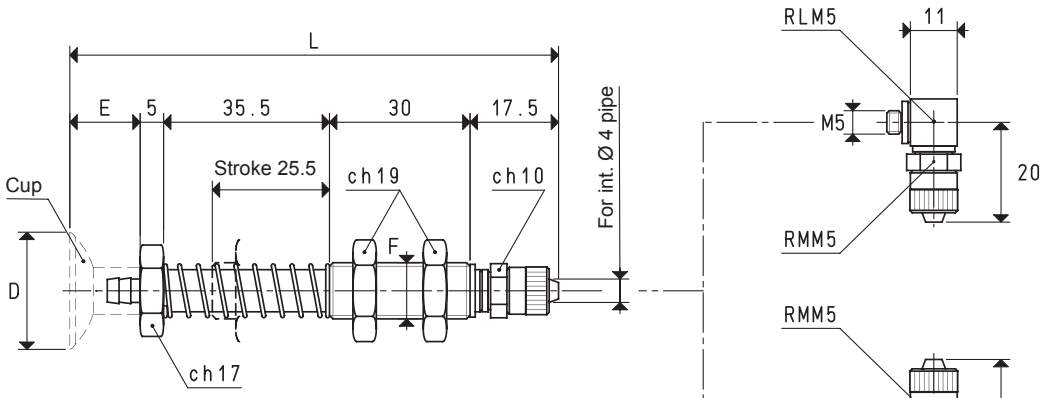
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L or T to the code to order cup holders with L or T-type fitting.

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

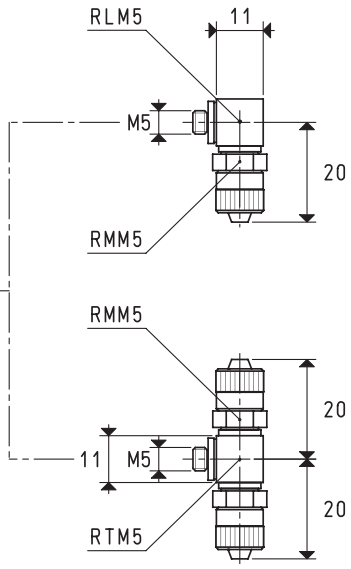
MINI CUP HOLDERS



VERSION 20 . . L



VERSION 20 . .



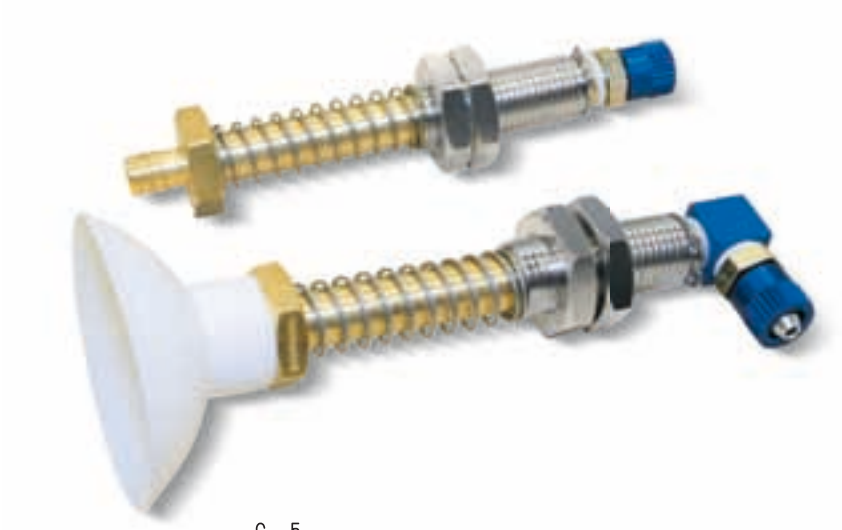
VERSION 20 . . T

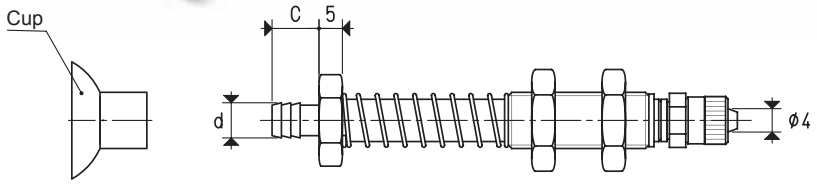
CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

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

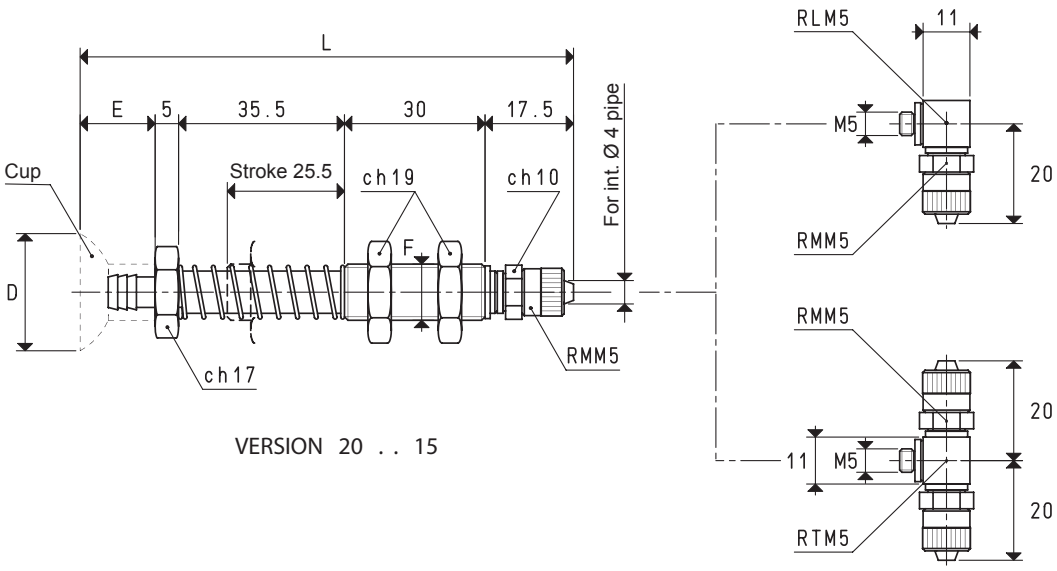
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L or T to the code to order cup holders with L or T-type fitting.

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





VERSION 20 . . 15 L



VERSION 20 . . 15

VERSION 20 . . 15 T

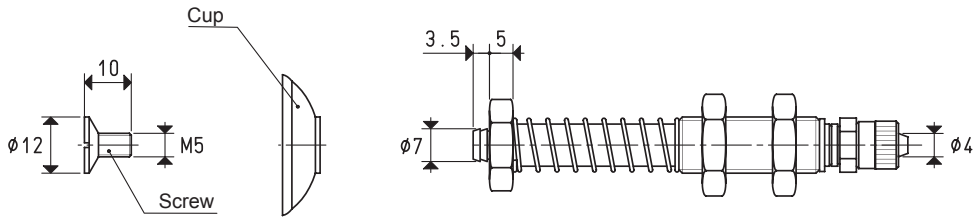
CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

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

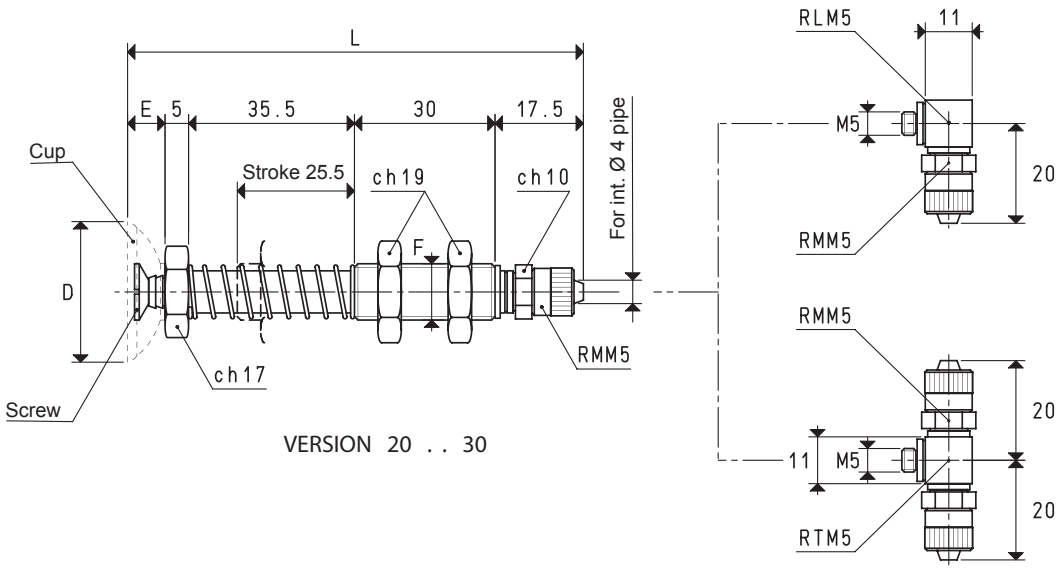
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L or T to the code to order cup holders with L or T-type fitting.

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

MINI CUP HOLDERS



VERSION 20 . . 30 L



VERSION 20 . . 30

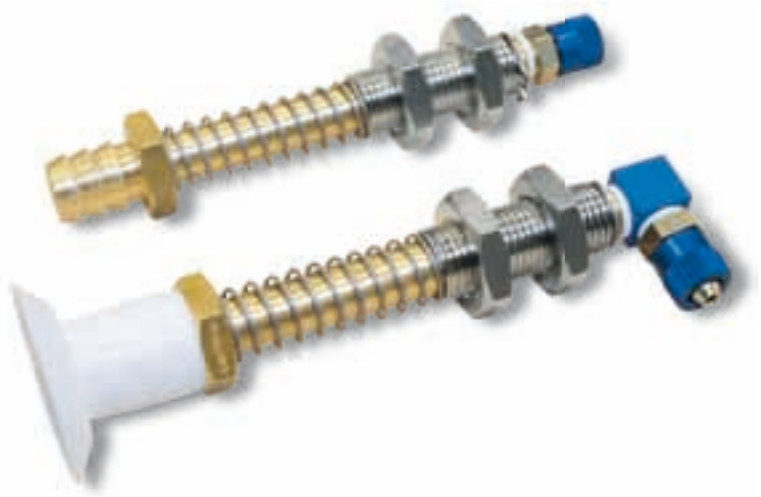
VERSION 20 . . 30 T

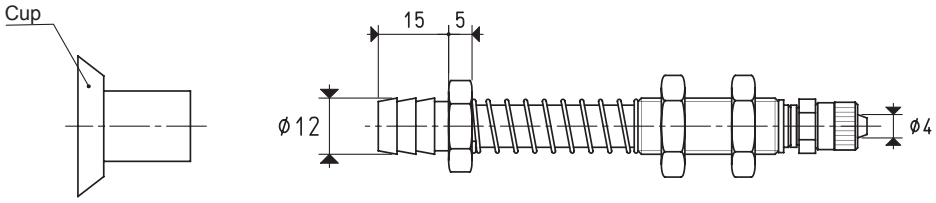
CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

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

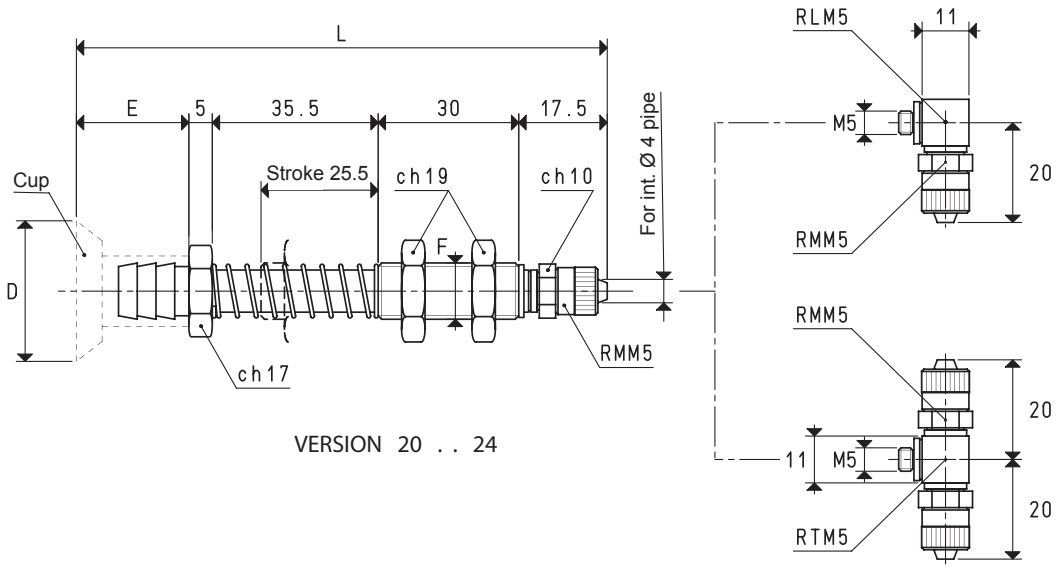
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L or T to the code to order cup holders with L or T-type fitting.

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





VERSION 20 . . 24 L



VERSION 20 . . 24

VERSION 20 . . 24 T

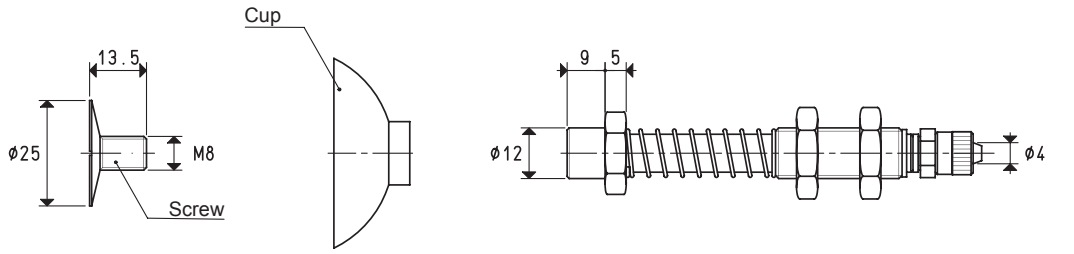
CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force	D	E	F	L	Cup	Weight
	Kg	Ø		Ø		art.	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

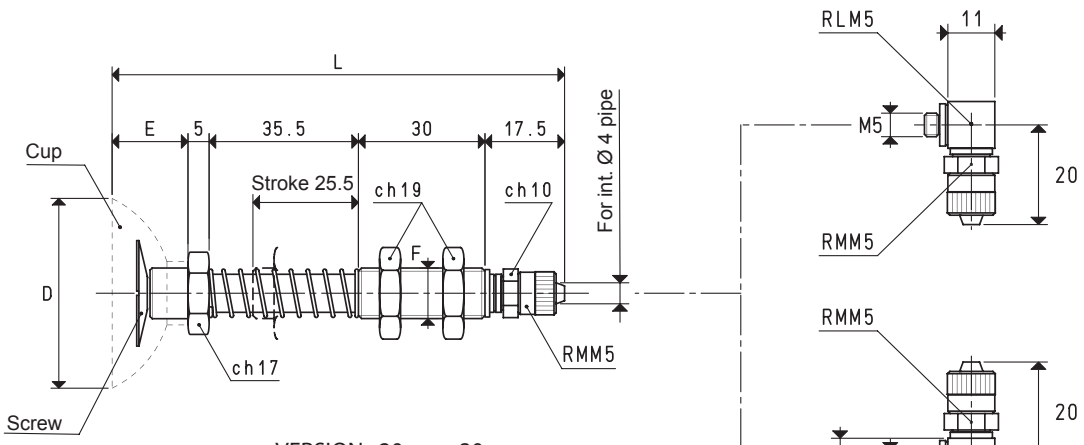
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L or T to the code to order cup holders with L or T-type fitting.

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

MINI CUP HOLDERS



VERSION 20 . . 30 L



VERSION 20 . . 30

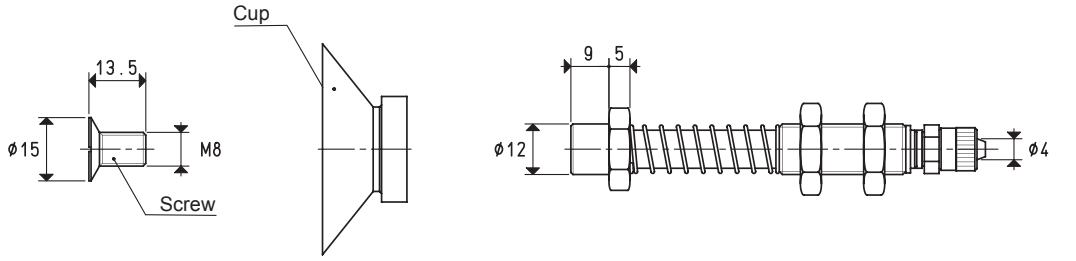
VERSION 20 . . 30 T

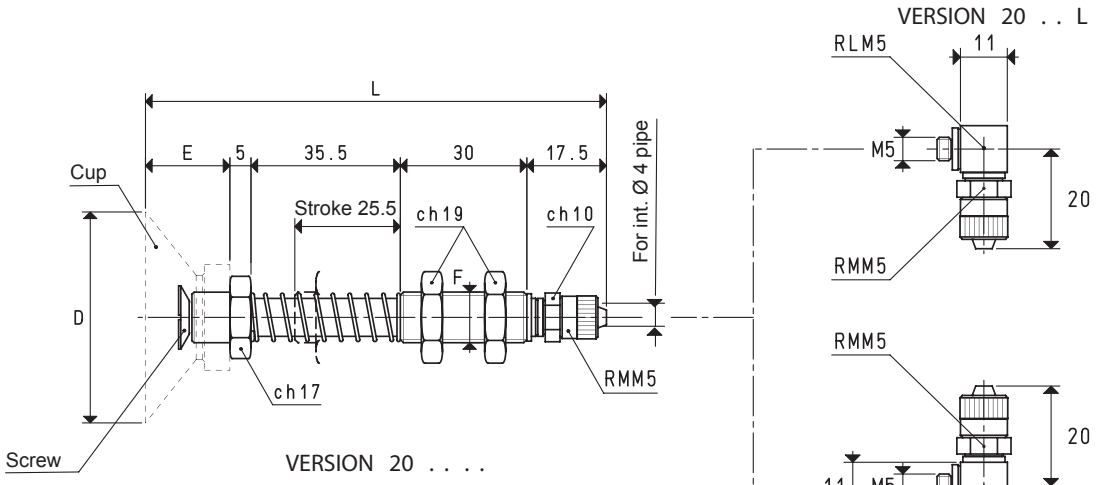
CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Art.	Force	D	E	F	L	Cup	Screw included	Weight
	Kg	Ø		Ø		art.	art.	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 seperately.
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 = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$





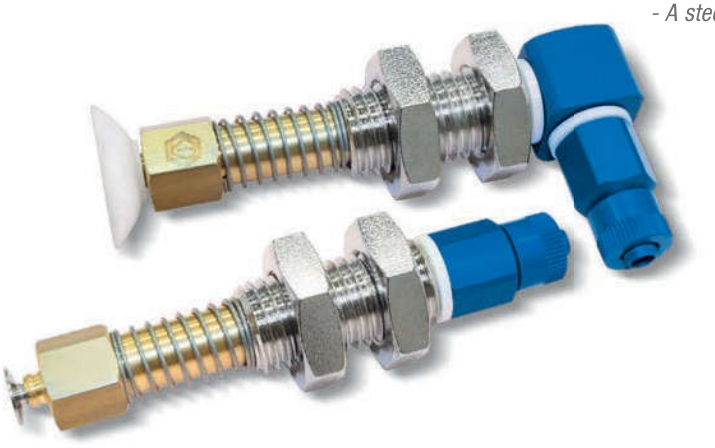
CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

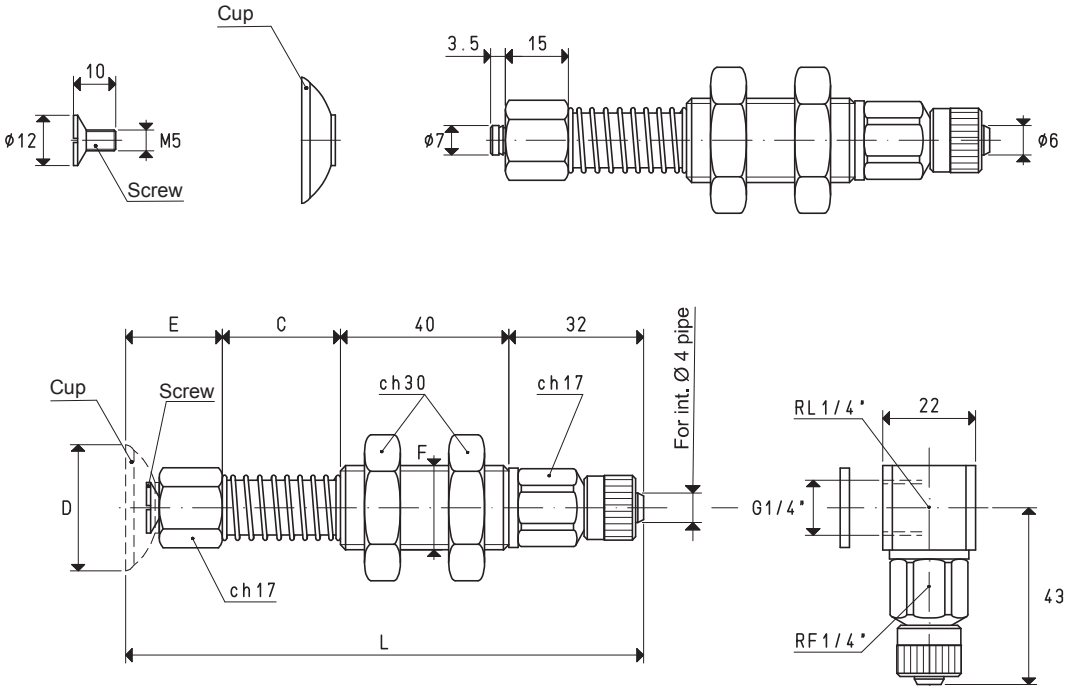
Art.	Force	D	E	F	L	Cup	Screw included	Weight
	Kg	Ø		Ø		art.	art.	g
20 50 20	4.90	50	20	M12 x 1.25	108	01 50 20	00 20 14	82.0
20 65 28	8.20	65	28	M12 x 1.25	116	01 65 28	00 20 14	89.7

Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
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 $=\frac{g}{453.6}=\frac{Kg}{0.4536}$

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	*C	D	E	F	L	Cup	Screw included	Weight	C = 65 mm Weight	C = 95 mm Weight
	Kg		Ø		Ø		art.	art.	g	g	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

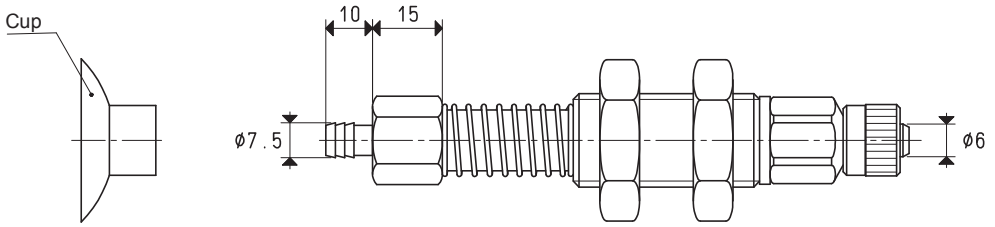
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

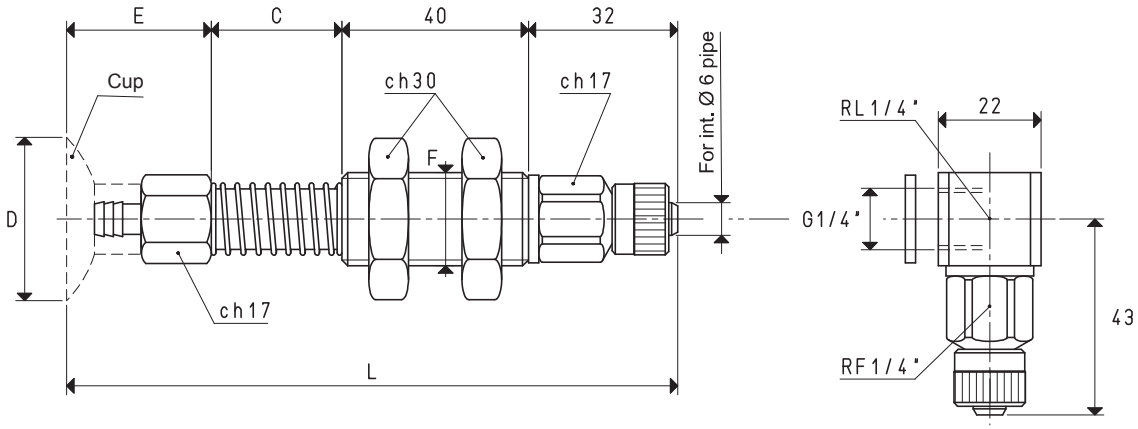
* Also available with height C of 65 mm and 95 mm

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

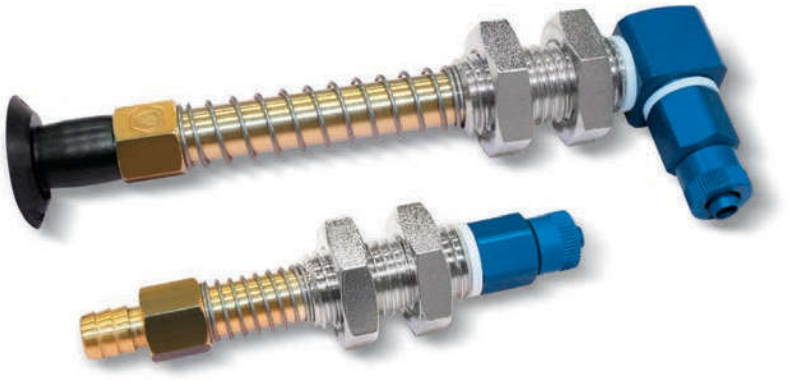
Art.	Force	*C	D	E	F	L	Cup	Weight	C = 65 mm Weight	C = 95 mm Weight
	Kg		Ø		Ø		art.	g	g	g
02 25 15	1.23	28	25	31	M20	131	01 25 15	216.0	270.0	287.0
02 30 15	1.76	28	30	32	M20	132	01 30 15	216.7	270.7	287.7

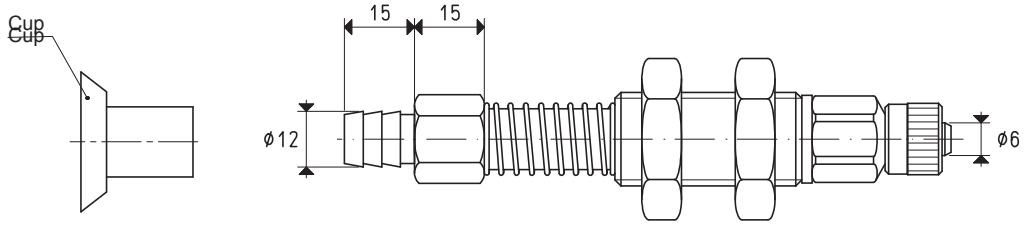
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

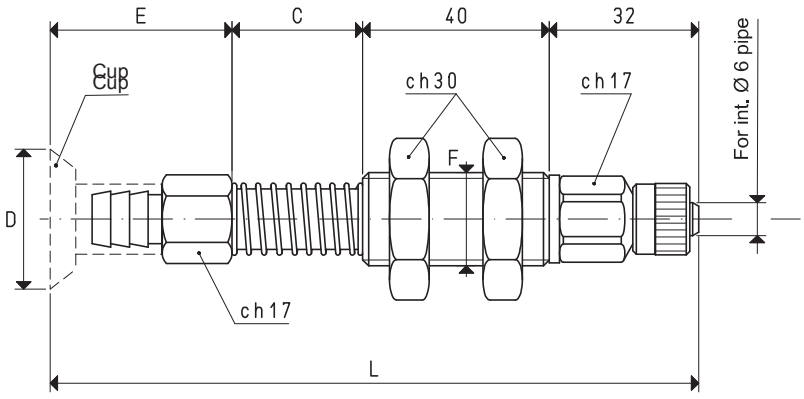
* Also available with height C of 65 mm and 95 mm

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

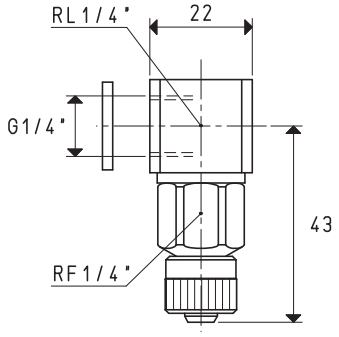
The actual springing stroke is:
- For height C= 28 mm 16 mm
- For height C= 65 mm 49 mm
- For height C= 95 mm 74 mm







VERSION 02 .. 24



VERSION 02 .. 24 L

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

Art.	Force	*C	D	E	F	L	Cup	Weight	C = 65 mm Weight	C = 95 mm Weight
	Kg		Ø		Ø		art.	g	g	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

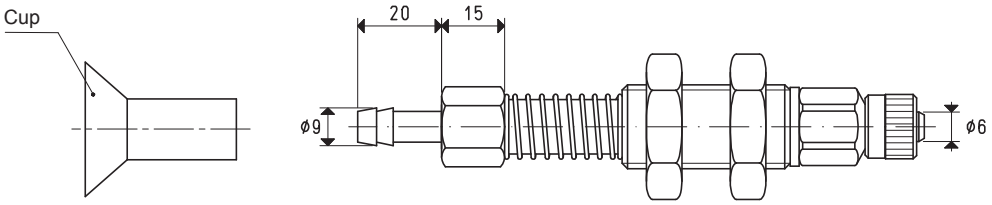
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

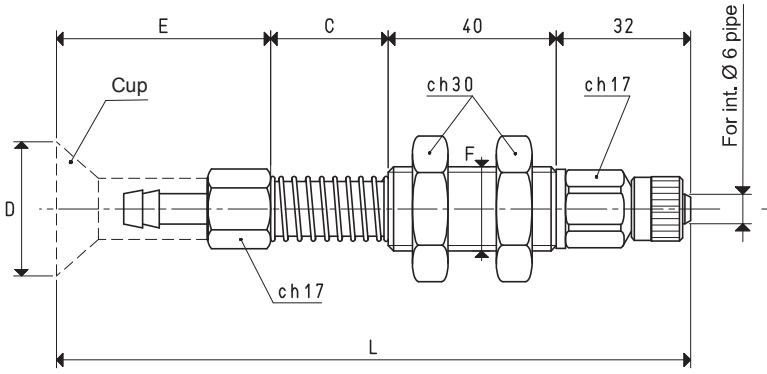
* Also available with height C of 65 mm and 95 mm

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

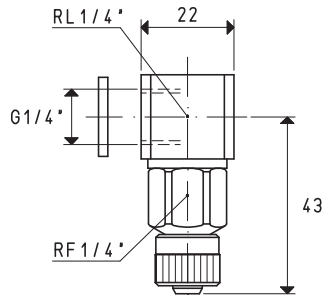
BASIC CUP HOLDERS

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 32 36



VERSION 02 32 36 L

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

Art.	Force	*C	D	E	F	L	Cup	Weight	C = 65 mm Weight	C = 95 mm Weight
	Kg		Ø		Ø		art.	g	g	g
02 32 36	2.00	28	32	51	M20	151	01 32 36	221.1	269.1	289.1

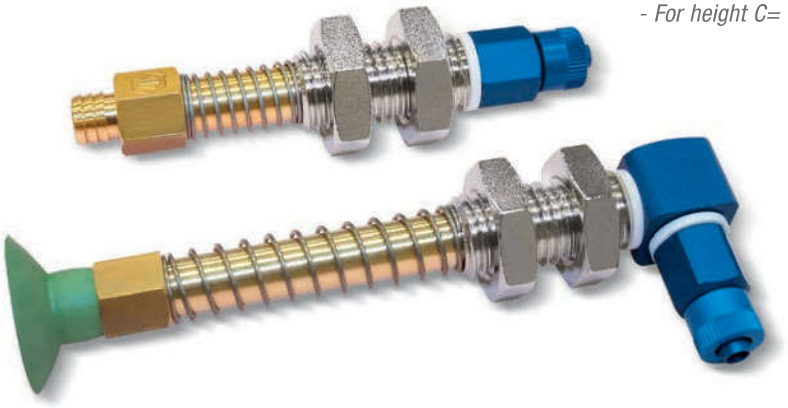
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

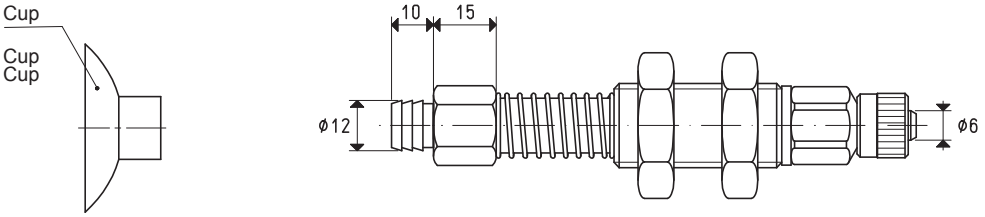
* Also available with height C of 65 mm and 95 mm

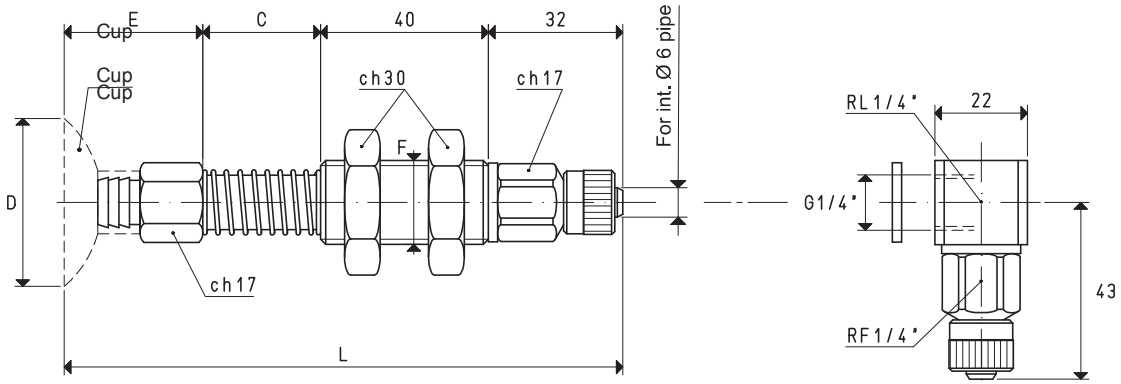
Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

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

Art.	Force	*C	D	E	F	L	Cup	Weight	C = 65 mm Weight	C = 95 mm Weight
	Kg		Ø		Ø		art.	g	g	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

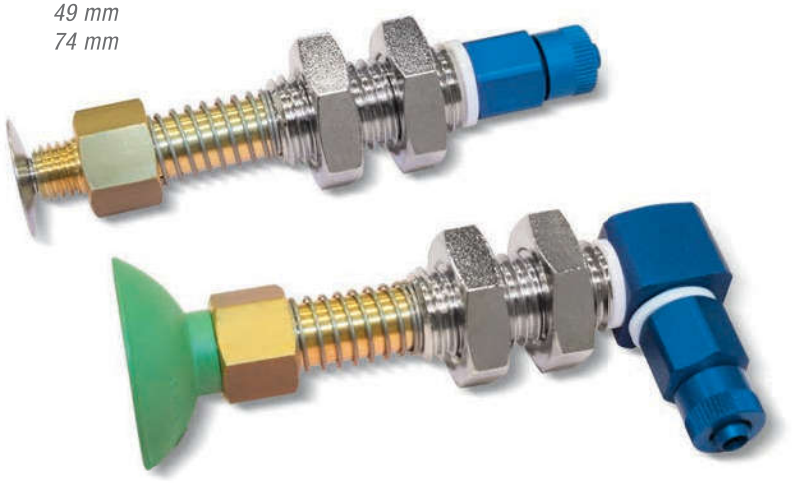
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

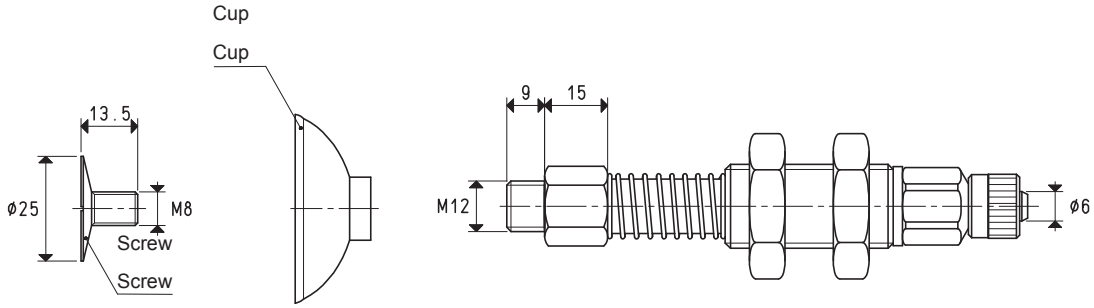
* Also available with height C of 65 mm and 95 mm

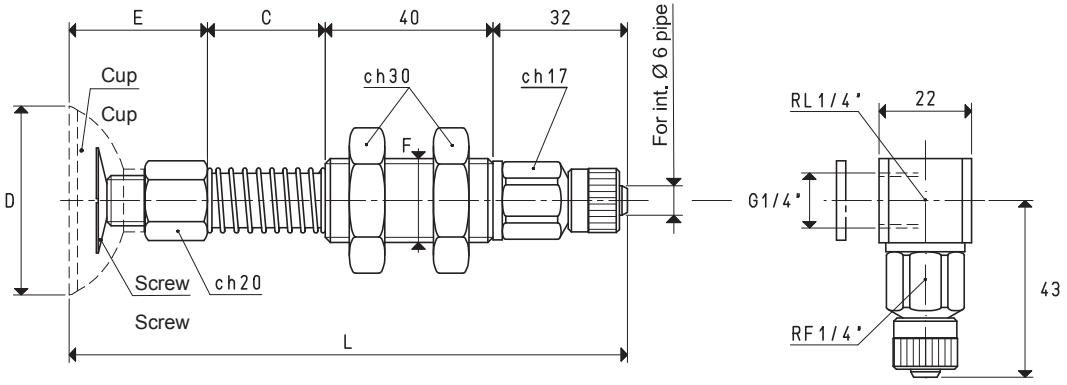
Conversion ratio: inch $= \frac{mm}{25.4}$; pounds $= \frac{g}{453.6} = \frac{Kg}{0.4536}$

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 .. 10

VERSION 02 .. 10 L

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

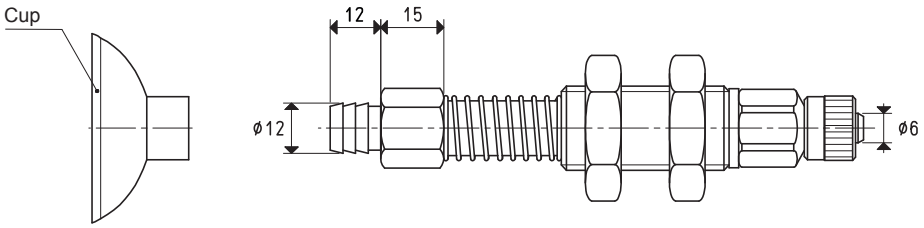
Art.	Force	*C	D	E	F	L	Cup	Screw included	Weight	C = 65 mm Weight	C = 95 mm Weight
	Kg		Ø		Ø		art.	art.	g	g	g
02 45 10	3.98	28	45	33	M20	133	01 45 10	00 20 13	222.7	270.7	336.7
02 60 10	7.06	28	60	37	M20	137	01 60 10	00 20 13	230.9	78.9	344.9

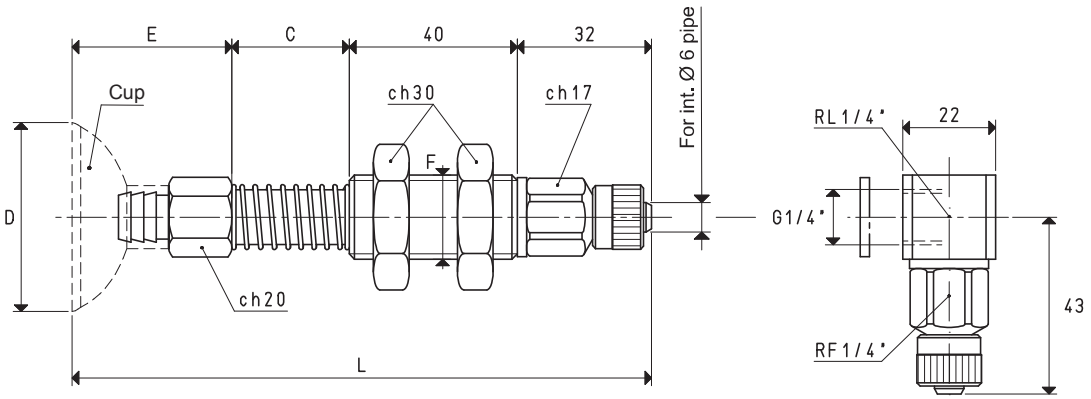
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

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

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

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 45 15

VERSION 02 45 15 L

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

Art.	Force	*C	D	E	F	L	Cup	Weight	C = 65 mm Weight	C = 95 mm Weight
	Kg		Ø		Ø		art.	g	g	g
02 45 15	3.98	28	45	38	M20	138	01 45 15	222.6	272.6	295.6

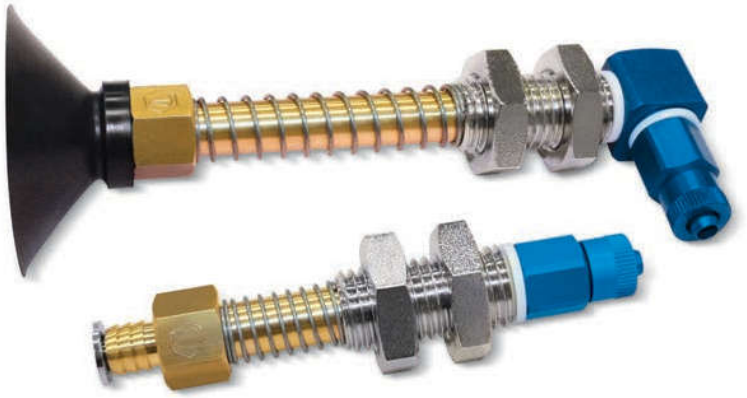
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

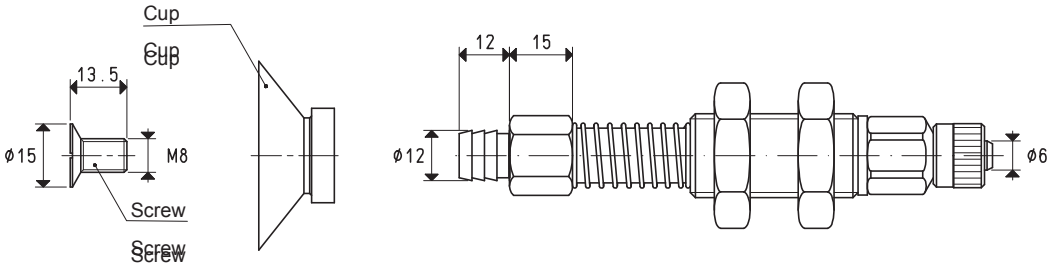
* Also available with height C of 65 mm and 95 mm

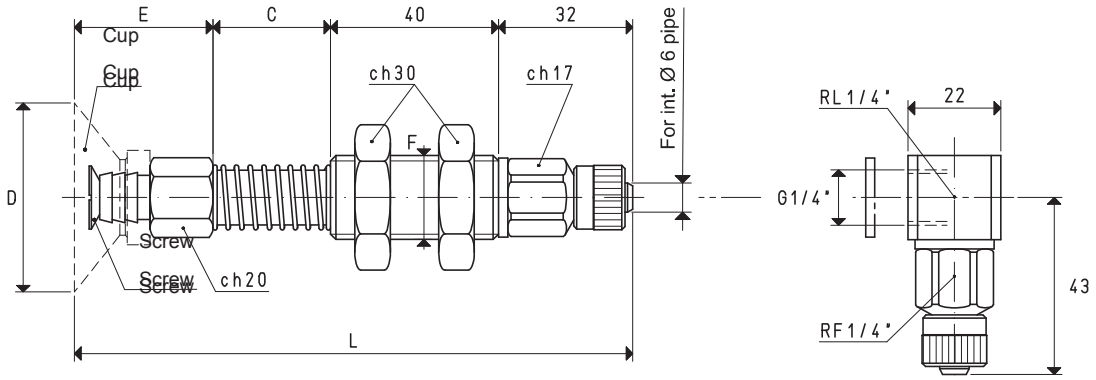
Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

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 . . .

VERSION 02 . . . L

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

Art.	Force	*C	D	E	F	L	Cup	Screw included	Weight	C = 65 mm Weight	C = 95 mm Weight
	Kg		Ø		Ø		art.	art.	g	g	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

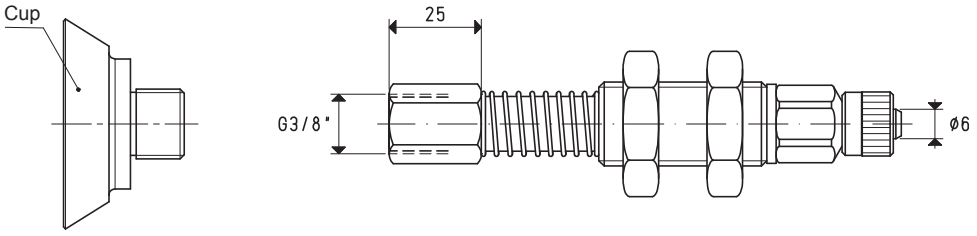
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

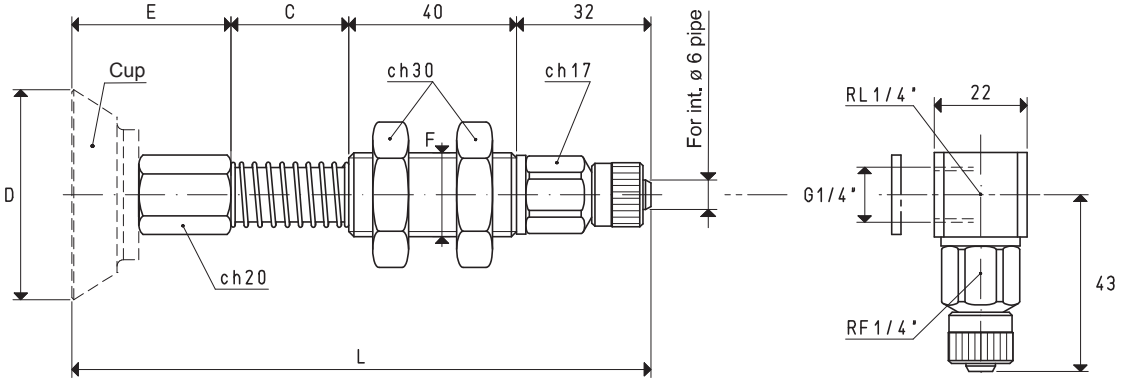
* Also available with height C of 65 mm and 95 mm

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

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	*C	D	E	F	L	Cup	Weight	C = 65 mm Weight	C = 95 mm Weight
	Kg		Ø		Ø		art.	g	g	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

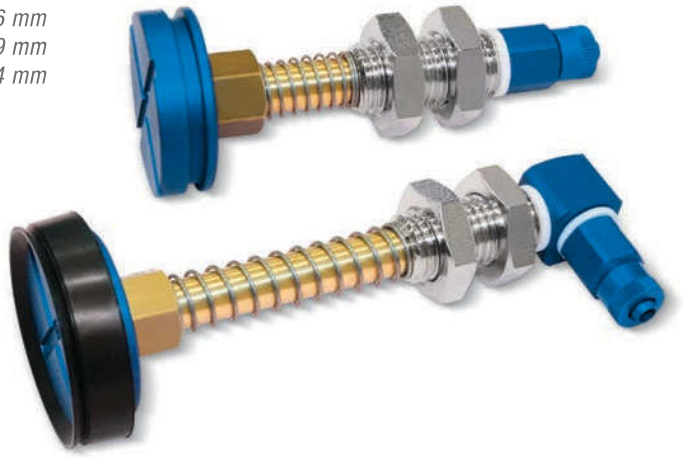
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

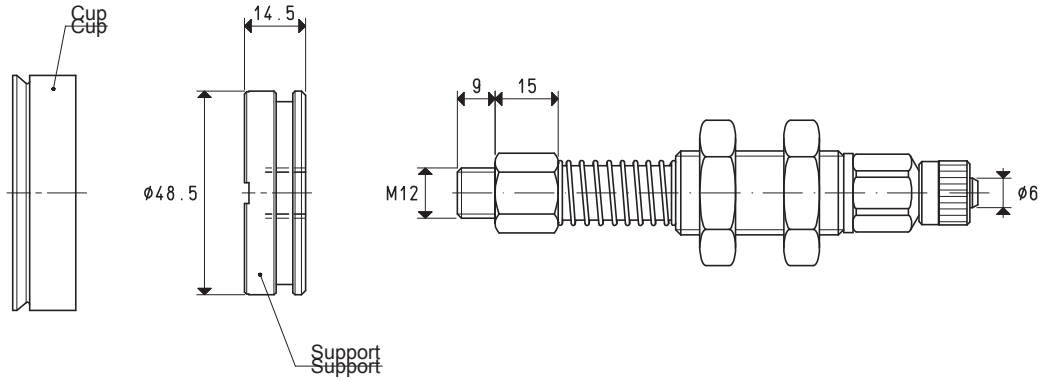
* Also available with height C of 65 mm and 95 mm

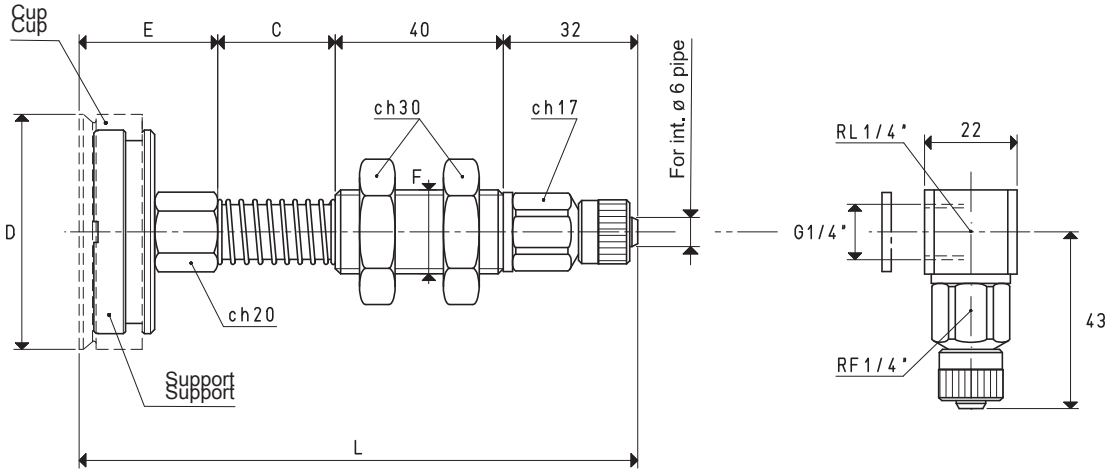
Conversion ratio: inch $= \frac{mm}{25.4}$; pounds $= \frac{g}{453.6} = \frac{Kg}{0.4536}$

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 56 15 VERSION 02 56 15 L

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

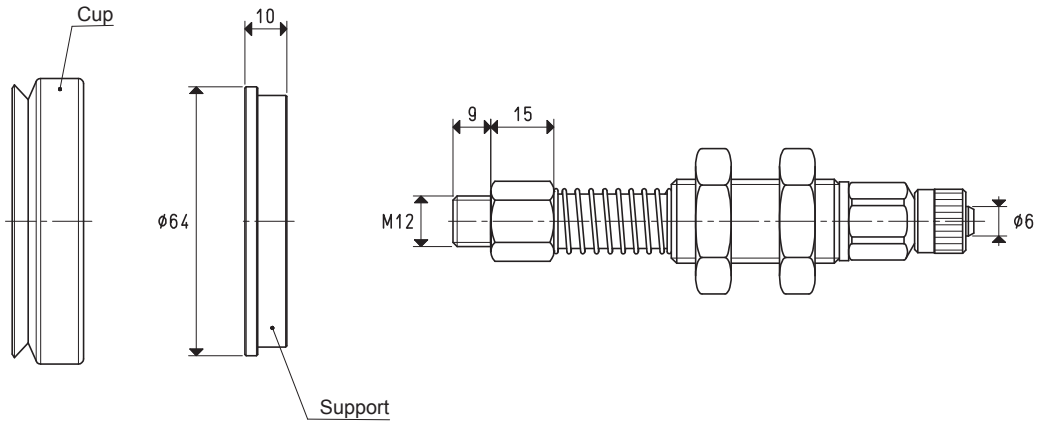
Art.	Force	*C	D	E	F	L	Cup	Support included	Weight	C = 65 mm Weight	C = 95 mm Weight
	Kg		Ø		Ø		art.	art.	g	g	g
02 56 15	6.15	28	56	34	M20	134	01 56 15	00 08 83	305.0	352.6	379.6

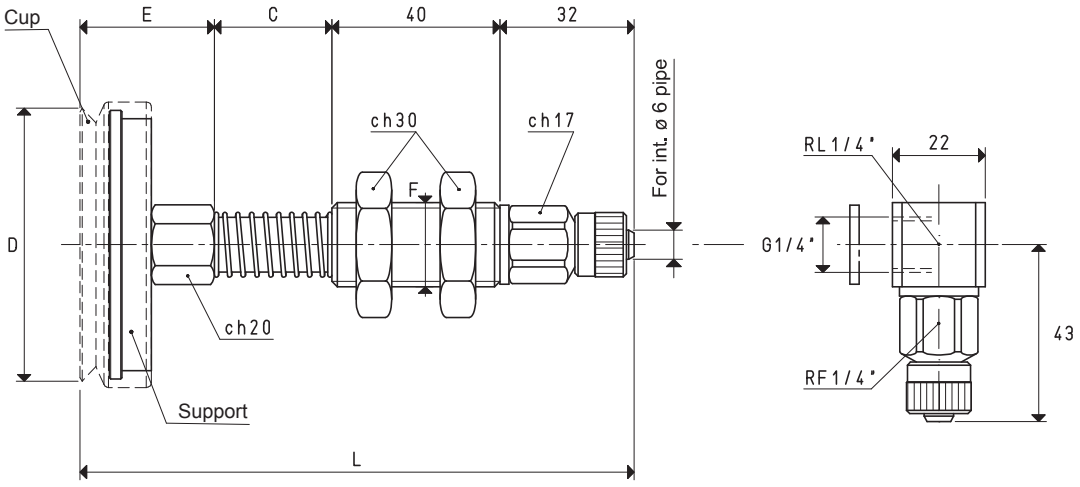
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

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

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

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	*C	D	E	F	L	Cup	Support included	Weight	C = 65 mm Weight	C = 95 mm Weight
	Kg		Ø		Ø		art.	art.	g	g	g
02 65 15	8.29	28	65	32	M20	132	01 65 15	00 08 32	346.1	384.4	410.4

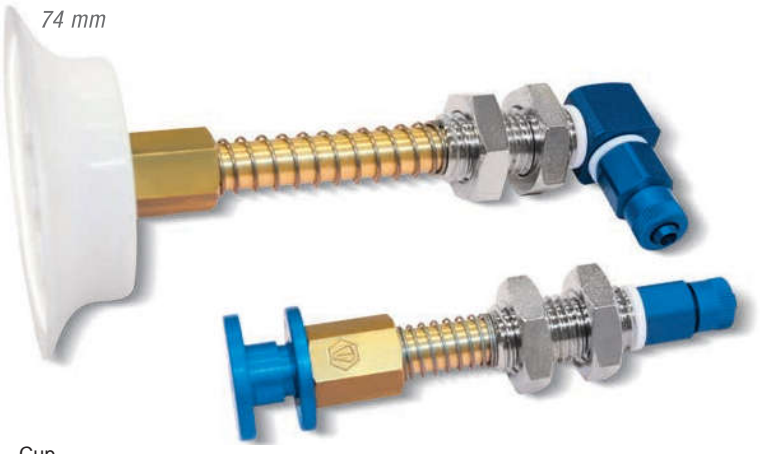
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

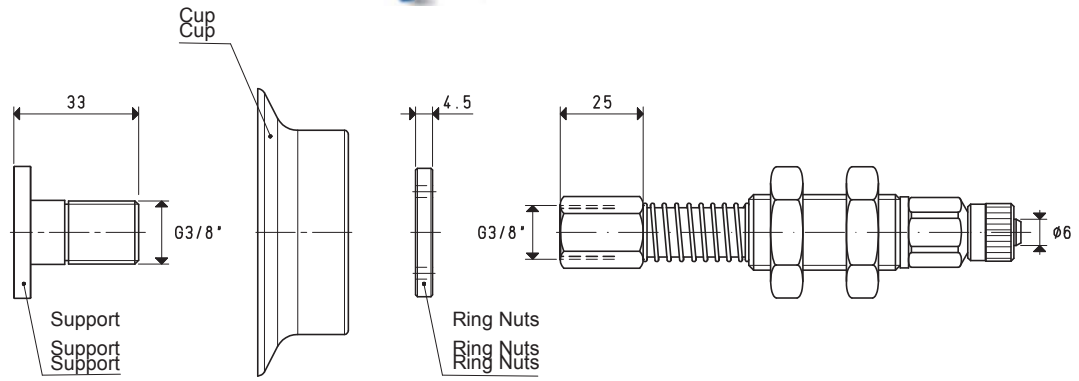
* Also available with height C of 65 mm and 95 mm

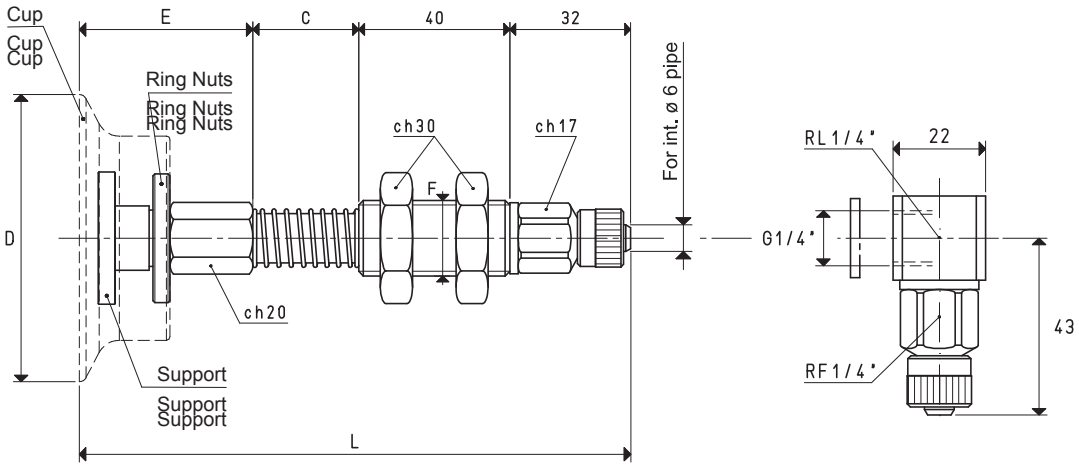
Conversion ratio: inch $= \frac{mm}{25.4}$; pounds $= \frac{g}{453.6} = \frac{Kg}{0.4536}$

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 .. 24 VERSION 02 .. 24 L

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

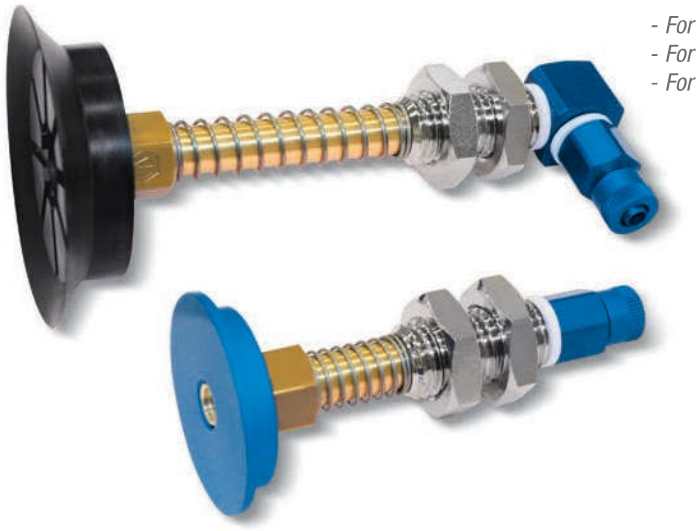
Art.	Force	*C	D	E	F	L	Cup	Support included	Ring nuts included	Weight	C = 65 mm Weight	C = 95 mm Weight
	Kg		Ø		Ø		art.	art.	art.	g	g	g
02 76 24	11.33	28	76	49	M20	149	01 76 24	00 08 110	00 08 111	298	338	361
02 90 24	15.89	28	90	49	M20	149	01 90 24	00 08 110	00 08 111	323	363	390
02 110 24	23.74	28	110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

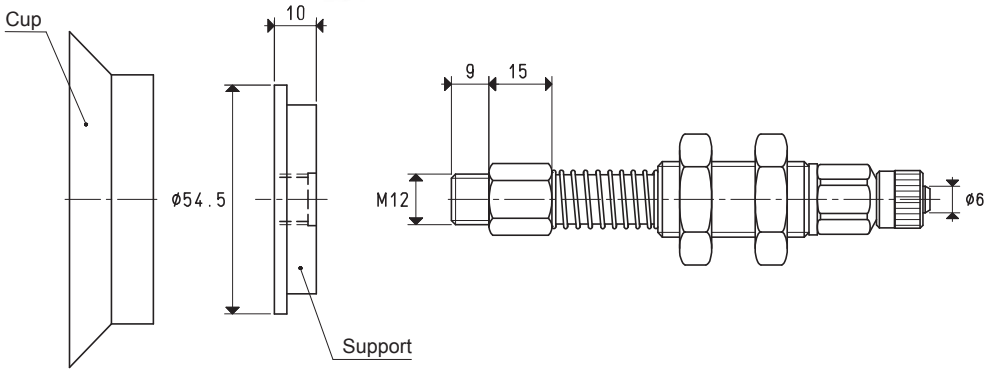
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

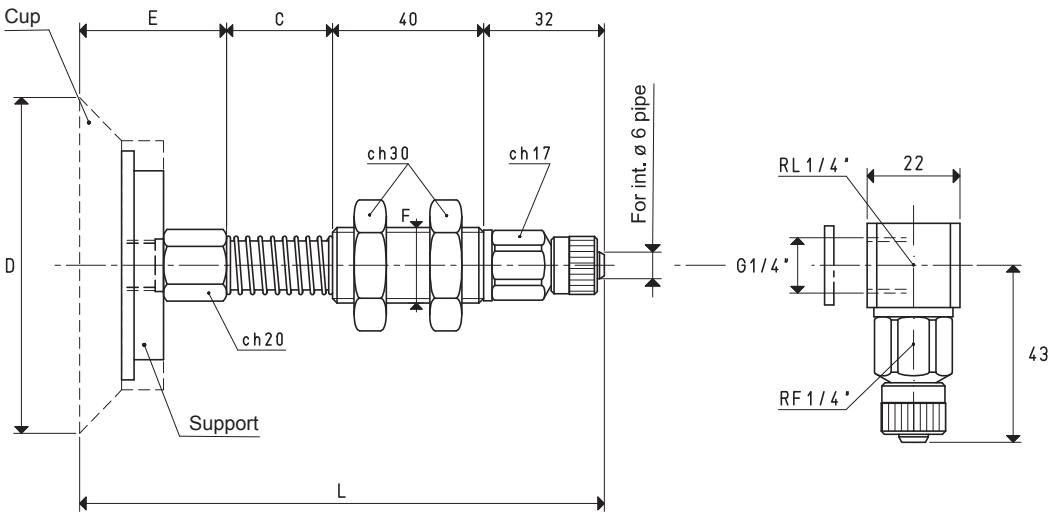
* Also available with height C of 65 mm and 95 mm

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

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

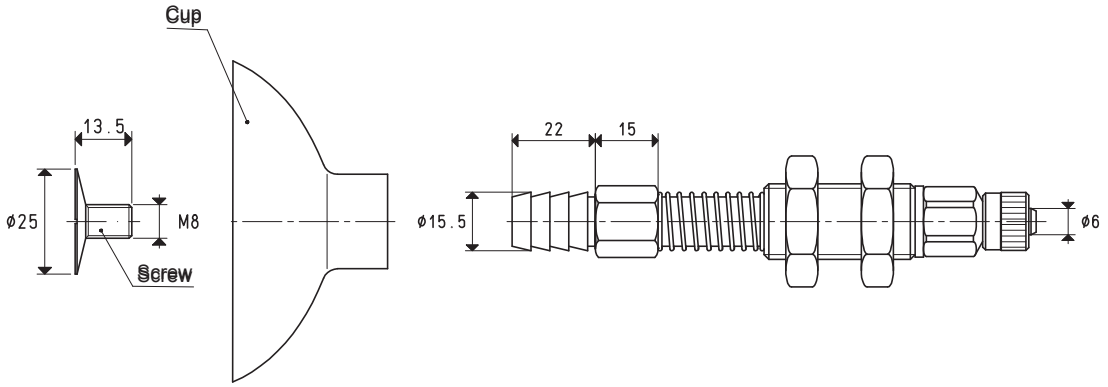
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

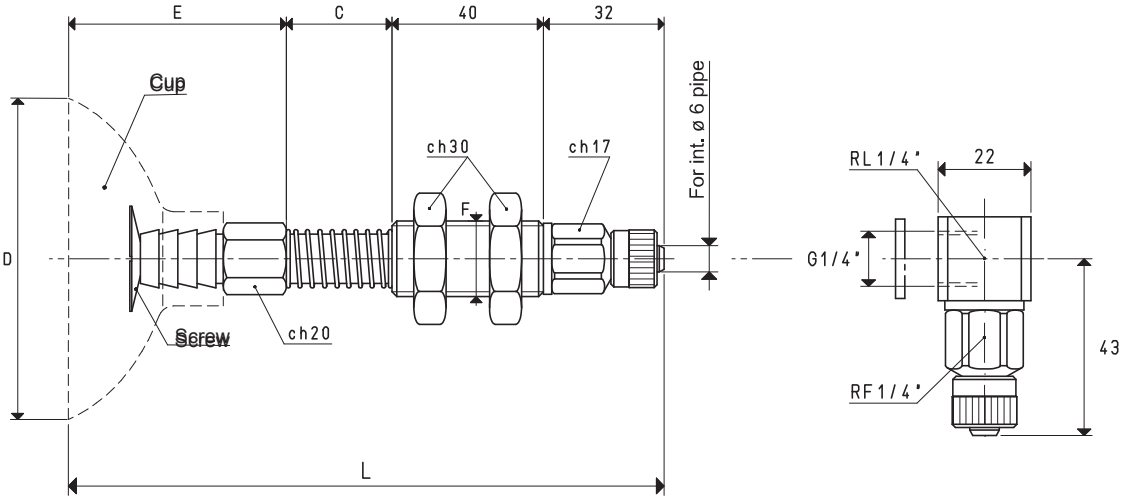
* Also available with height C of 65 mm and 95 mm

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 85 10 VERSION 02 85 10 L

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

Art.	Force	*C	D	E	F	L	Cup	Screw included	Weight	C = 65 mm Weight	C = 95 mm Weight
	Kg		Ø		Ø		art.	art.	g	g	g
02 85 10	14.18	28	85	56	M20	156	01 85 10	00 20 13	318.0	347.9	369.9

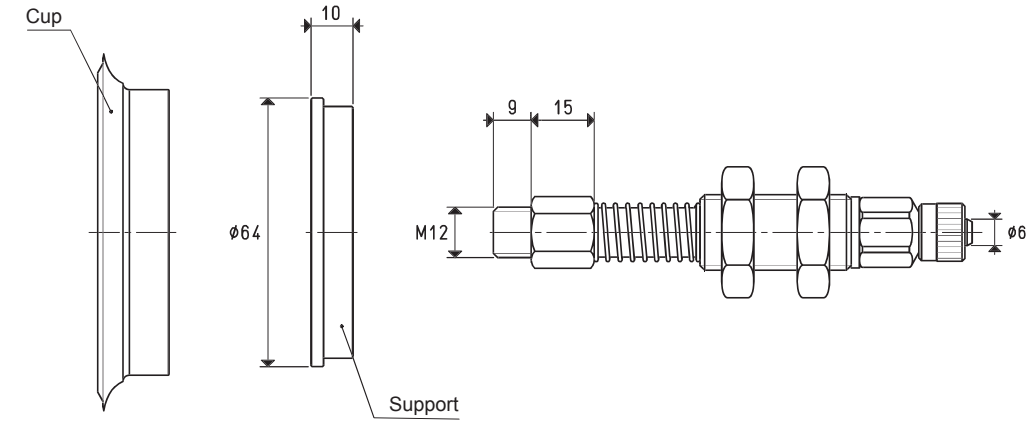
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

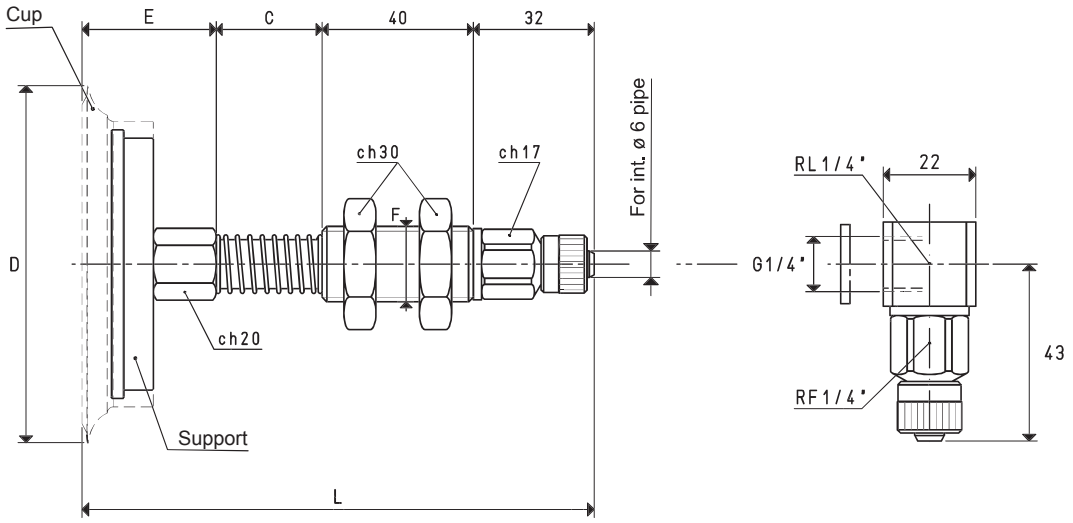
* Also available with height C of 65 mm and 95 mm

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

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

Art.	Force	*C	D	E	F	L	Cup	Support included	Weight	C = 65 mm Weight	C = 95 mm Weight
	Kg		Ø		Ø		art.	art.	g	g	g
02 85 15	14.18	28	85	32	M20	132	01 85 15	00 08 32	334	371	399

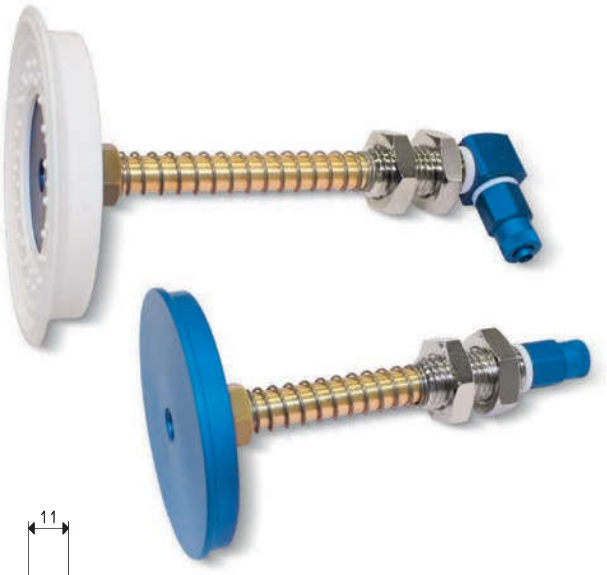
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

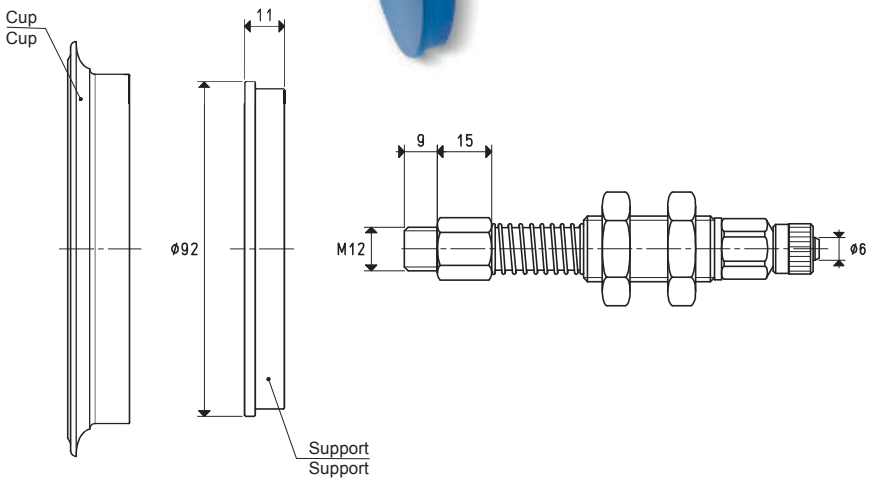
* Also available with height C of 65 mm and 95 mm

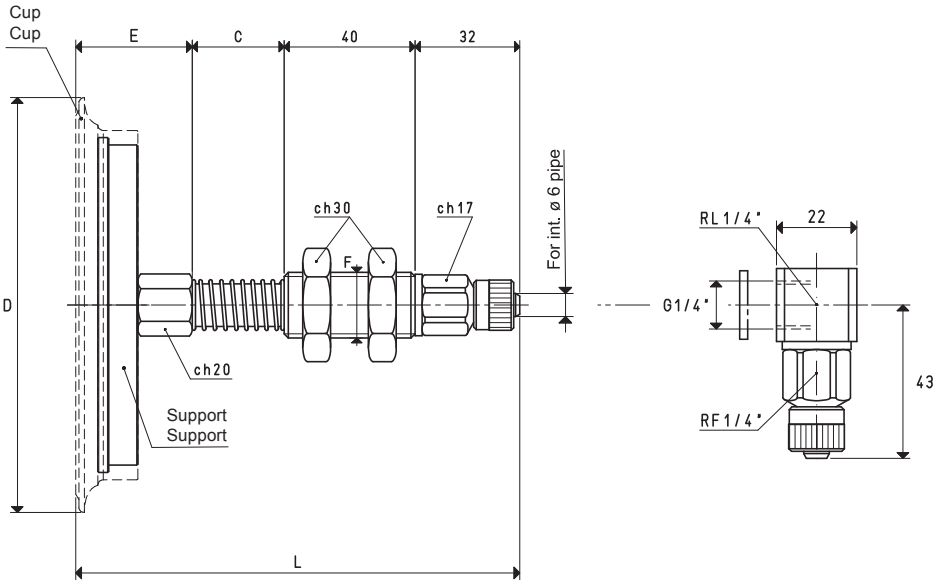
Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

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 02 110 10 VERSION 02 110 10 L

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

Art.	Force	*C	D	E	F	L	Cup	Support included	Weight	C = 65 mm Weight	C = 95 mm Weight
	Kg		Ø		Ø		art.	art.	g	g	g
02 110 10	23.74	28	114	32	M20	132	01 110 10	00 08 33	456	494	521

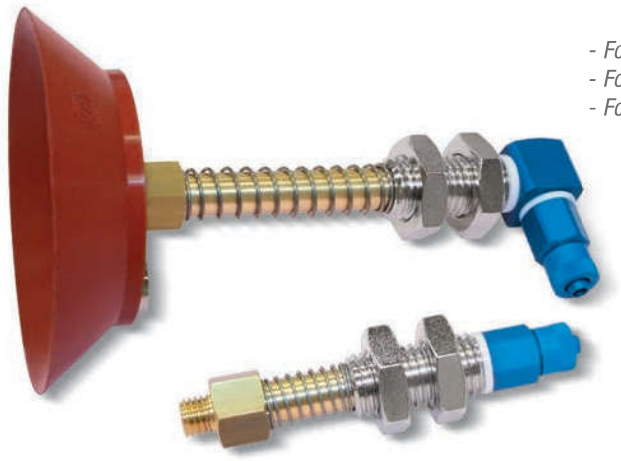
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

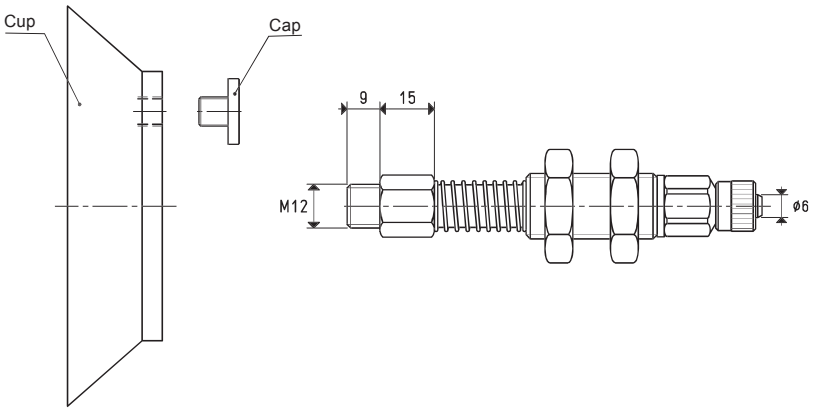
* Also available with height C of 65 mm and 95 mm

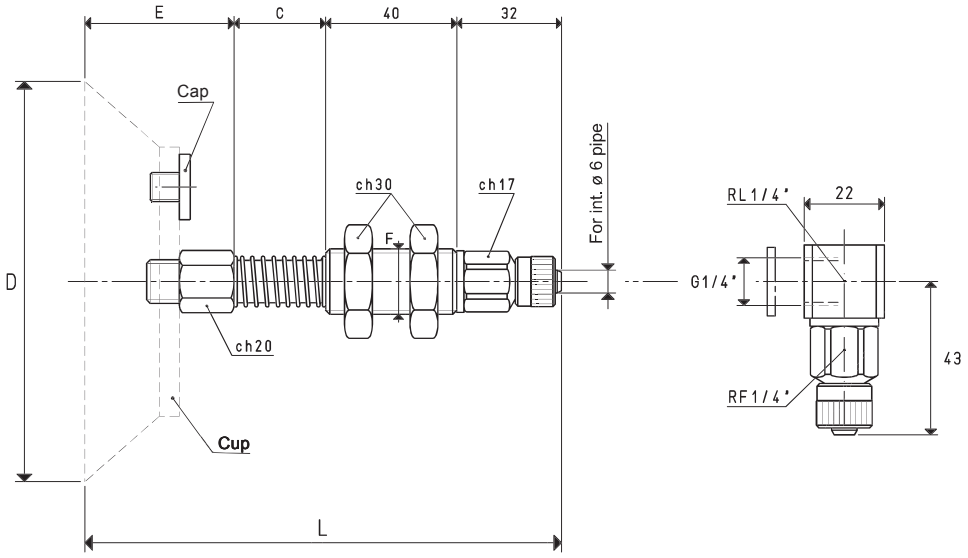
3D drawings available at **www.vuototecnica.net**

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

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

Art.	Force	*C	D	E	F	L	Cup	Cap included	Weight	C = 65 mm Weight	C = 95 mm Weight
	Kg		Ø		Ø		art.	art.	g	g	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 seperately.
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 = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

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.

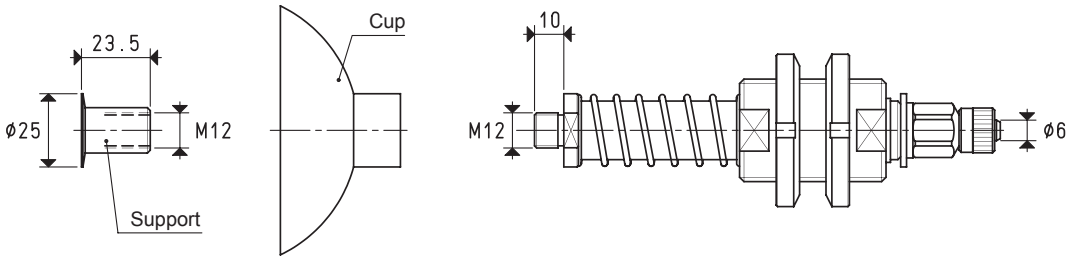
- A spring to cushion the impact of the cup with the load to be lifted.

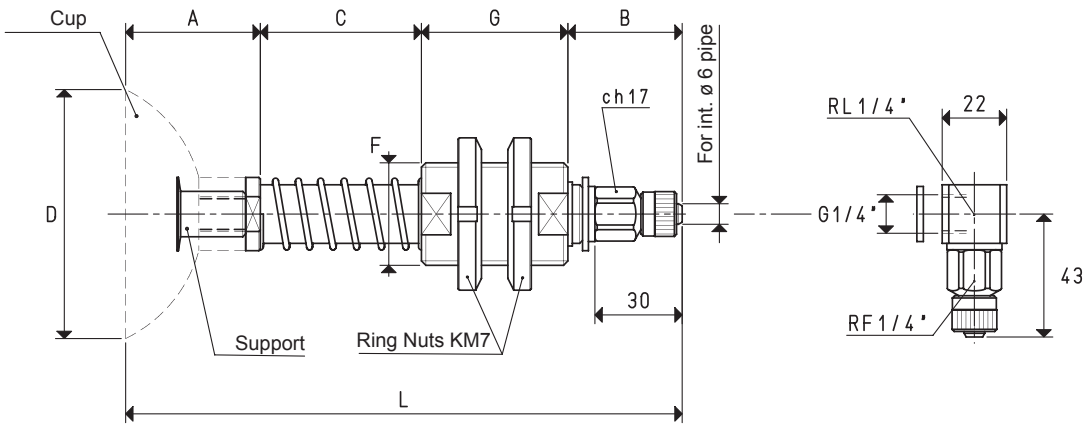
- A quick coupler for connection to the suction hose.

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 C = 110 mm

Art.	Force	A	B	*C	D	F	G	L	Cup	Support included	Weight	Weight
	Kg				Ø	Ø			art.	art.	g	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

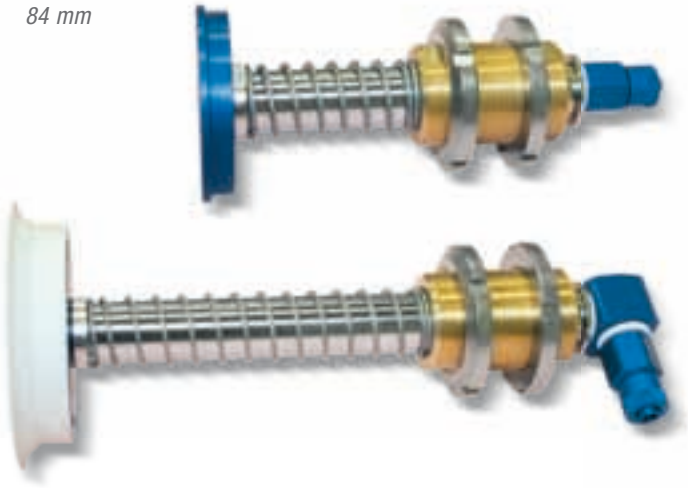
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

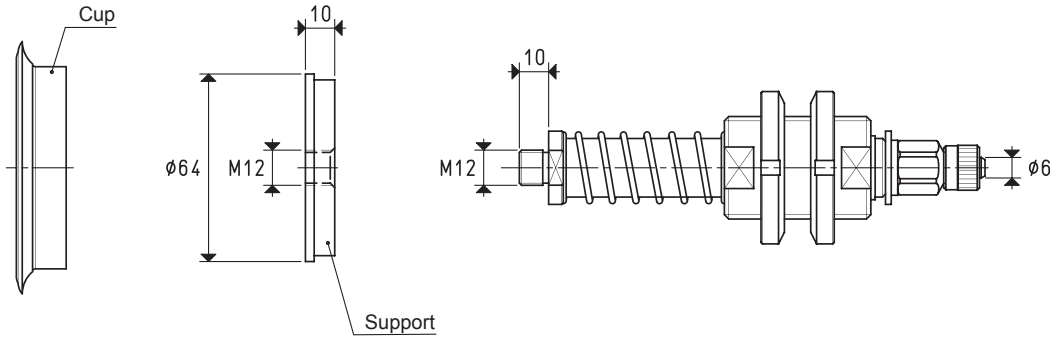
* Also available with height C of 110 mm

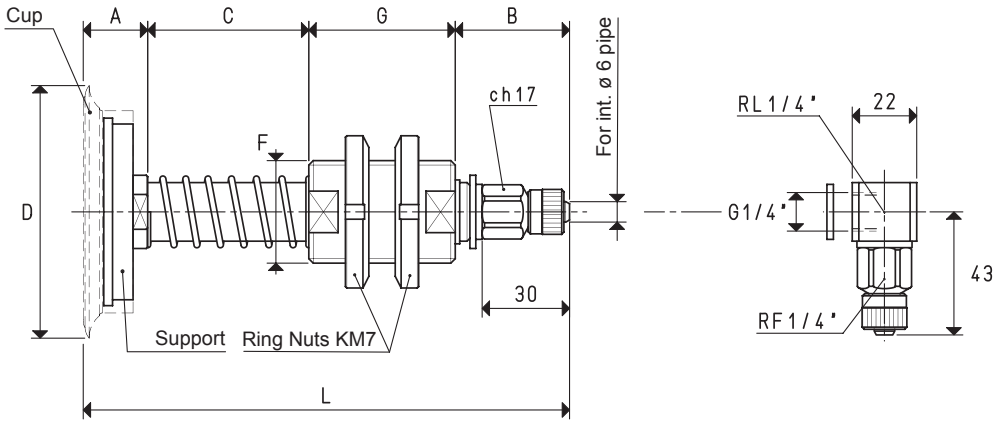
Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

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

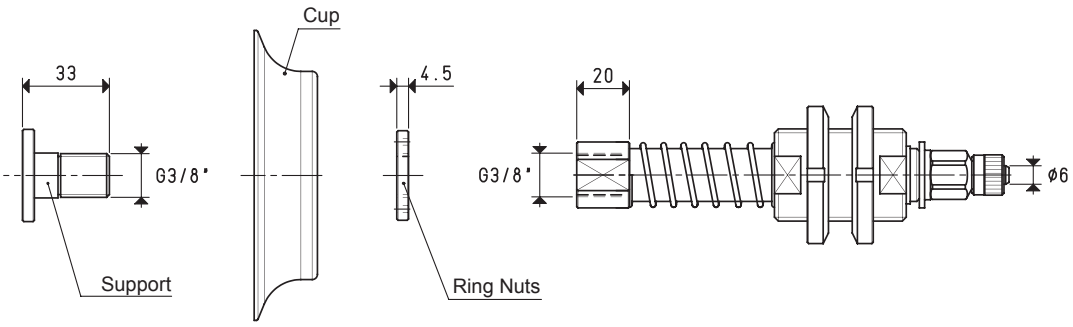
Art.	Force	A	B	*C	D	F	G	L	Cup	Support included	Weight	Weight
	Kg				Ø	Ø			art.	art.	g	g
06 85 15	14.18	22	39	55	85	M35 x 1.5	50	166	01 85 15	00 08 32	779.7	899.7

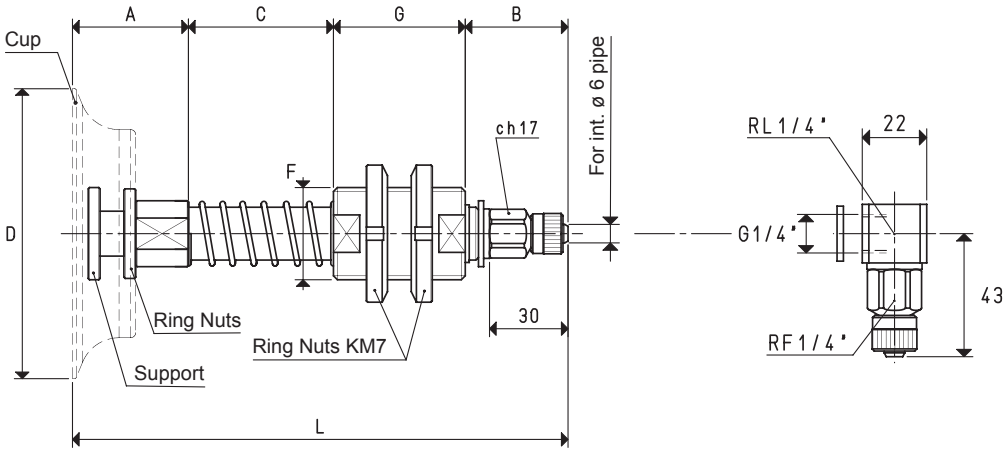
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 110 mm

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

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

C = 110 mm

Art.	Force	A	B	*C	D	F	G	L	Cup	Support included	Ring nut included	Weight	Weight
	Kg				Ø	Ø			art.	art.	art.	g	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

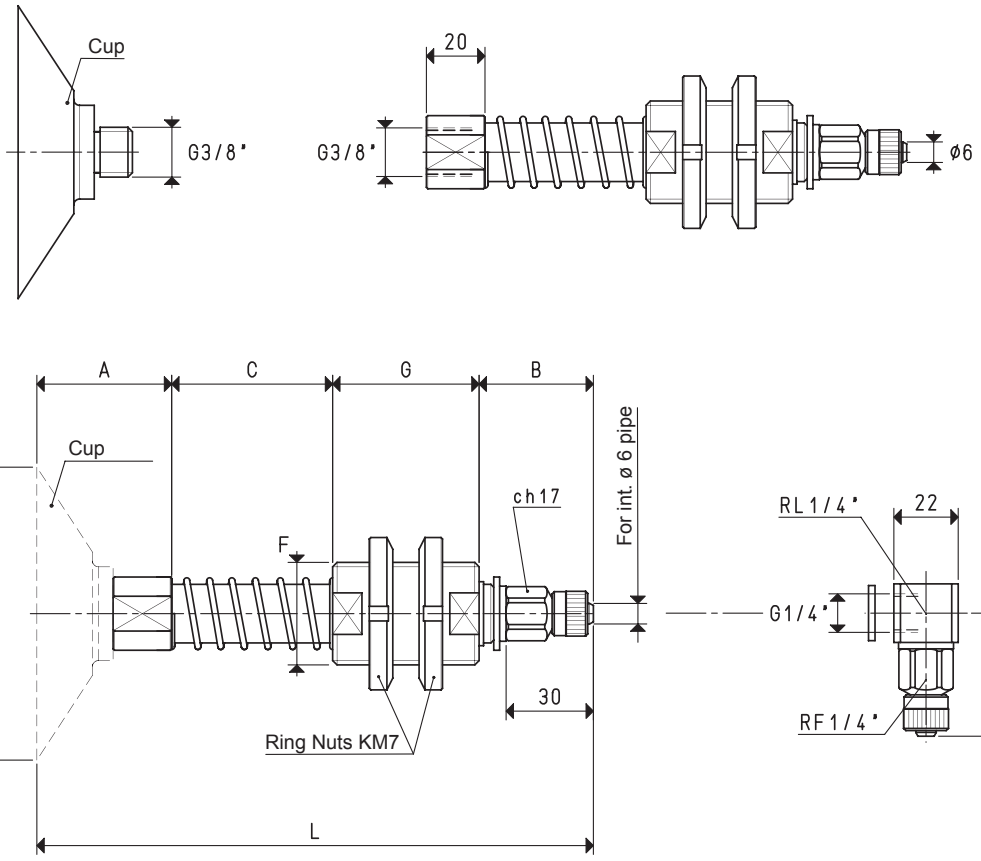
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 110 mm

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

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

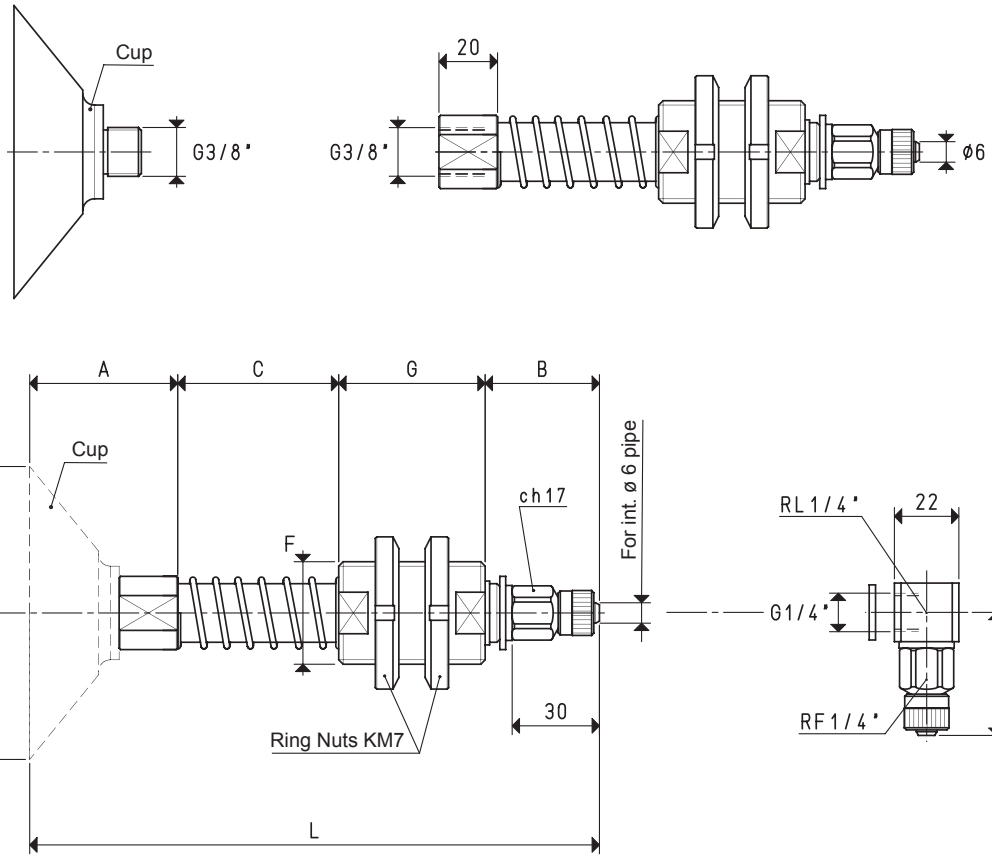
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 110 mm

3D drawings available at **www.vuototecnica.net**

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

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



VERSION 06 100 50

VERSION 06 100 50 L

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

C = 110 mm

Art.	Force	A	B	*C	D	F	G	L	Cup	Weight	Weight
	Kg				Ø	Ø			art.	g	g
06 100 50	19.62	35.5	39	55	100	M35 x 1.5	50	179.5	08 100 50	732	854

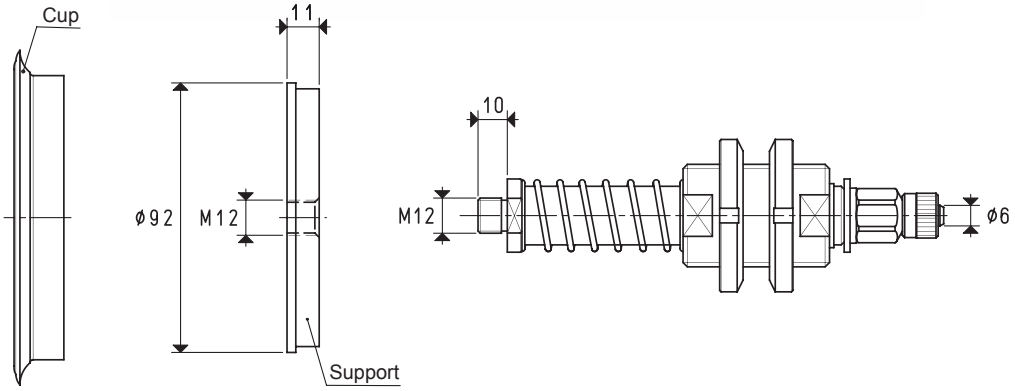
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

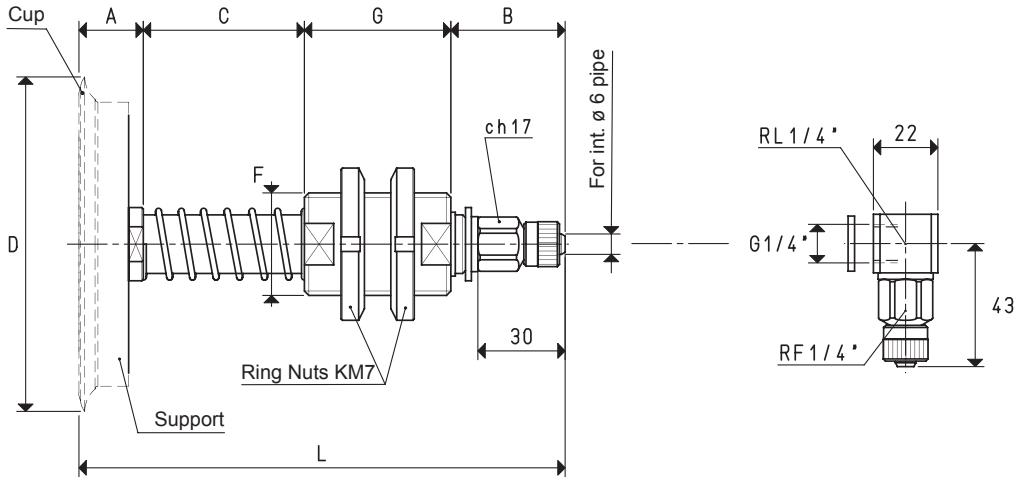
* Also available with height C of 110 mm

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

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

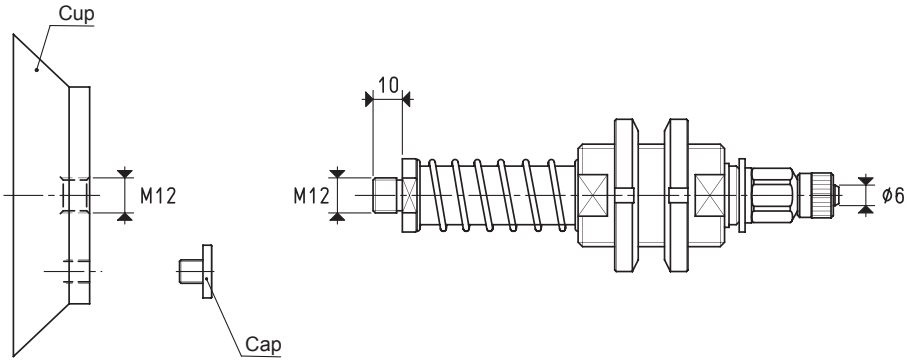
Art.	Force	A	B	*C	D	F	G	L	Cup	Support included	Weight	Weight
	Kg				Ø	Ø			art.	art.	g	g
06 110 10	23.74	22	39	55	114	M35 x 1.5	50	166	01 110 10	00 08 33	912.3	1034.3

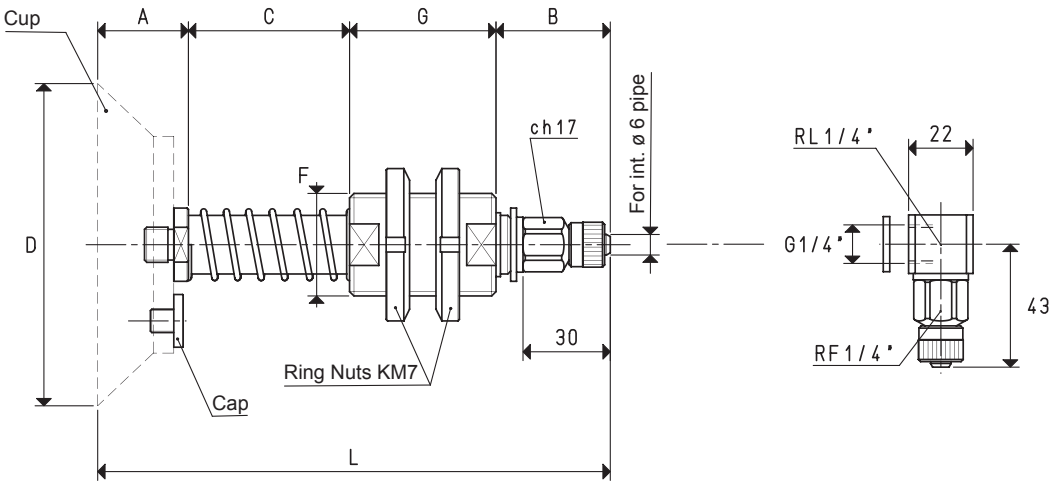
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 110 mm

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

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 — C = 110 mm

Art.	Force	A	B	*C	D	F	G	L	Cup	Cap included	Weight	Weight
	Kg				Ø	Ø			art.	art.	g	g
06 110 15	23.74	31	39	55	110	M35 x 1.5	50	175	08 110 15	00 11 06	980	1100

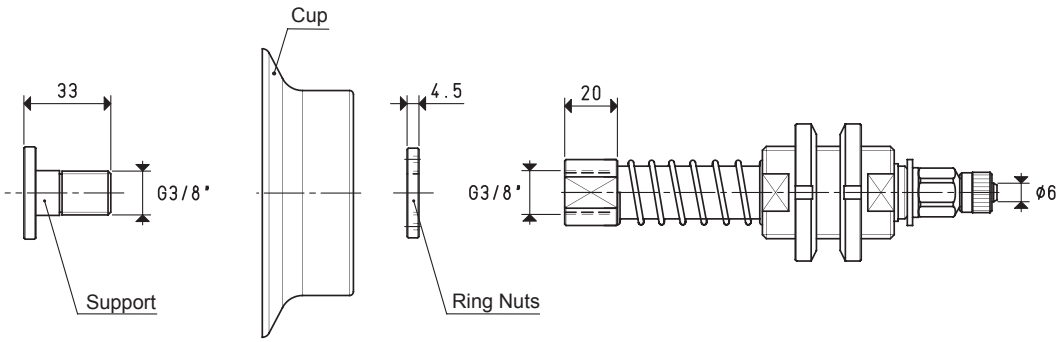
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

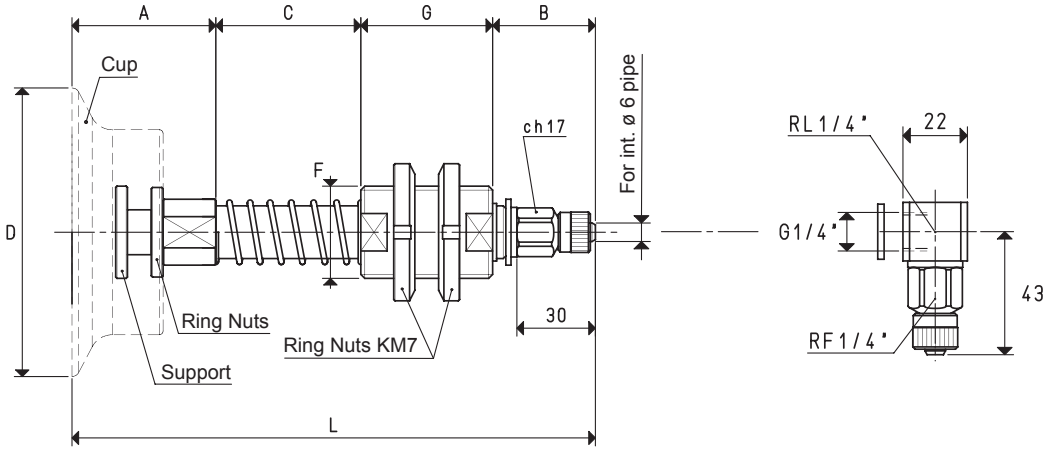
* Also available with height C of 110 mm

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

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

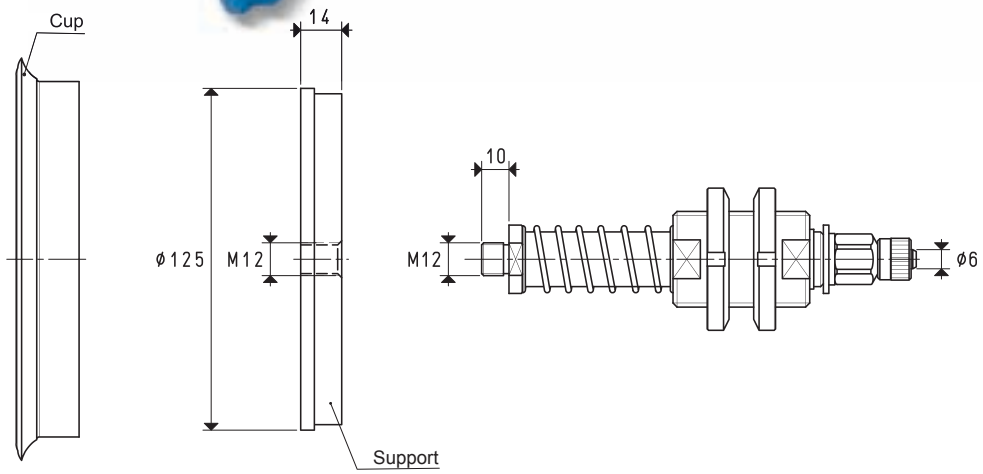
Art.	Force	A	B	*C	D	F	G	L	Cup	Support included	Ring nut included	Weight	Weight
	Kg				Ø	Ø			art.	art.	art.	Kg	Kg
06 110 24	23.74	29	39	55	110	M35 x 1.5	50	173	01 110 24	00 08 110	00 08 111	1.07	1.19

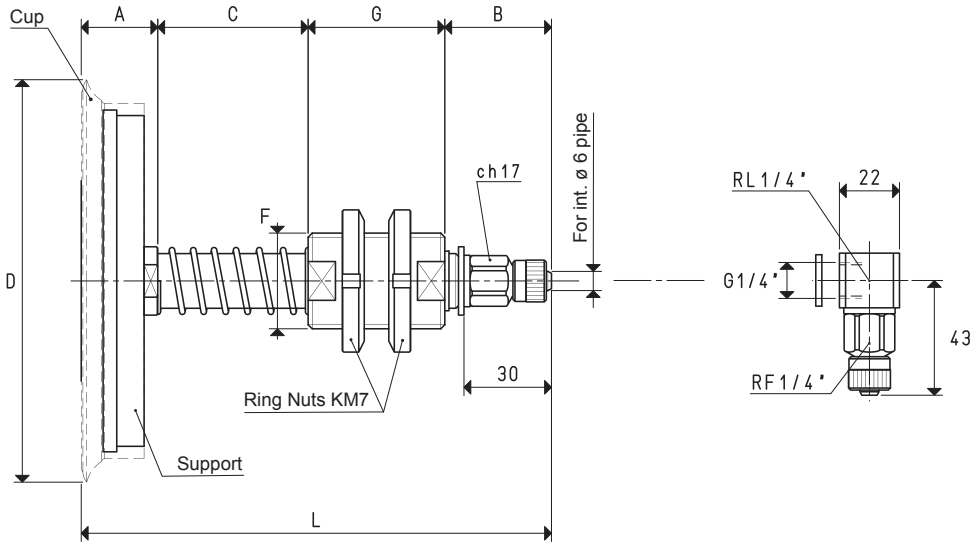
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

* Also available with height C of 110 mm

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

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

C = 110 mm

Art.	Force	A	B	*C	D	F	G	L	Cup	Support included	Weight	Weight
	Kg				Ø	Ø			art.	art.	Kg	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

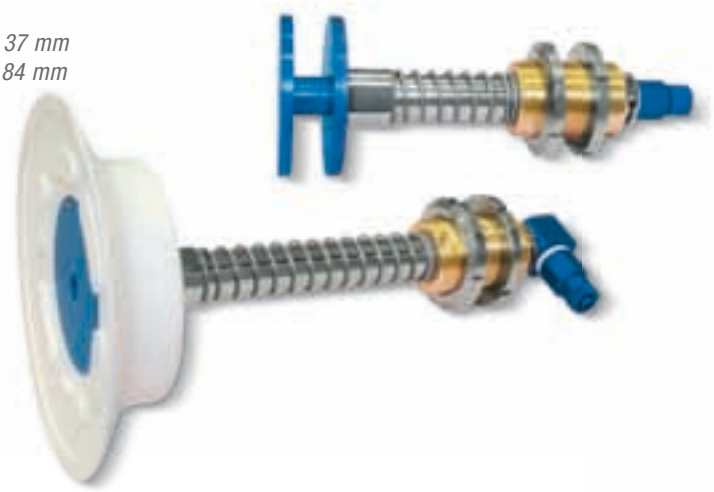
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.
Add the letter L to the code to order L-type fittings.

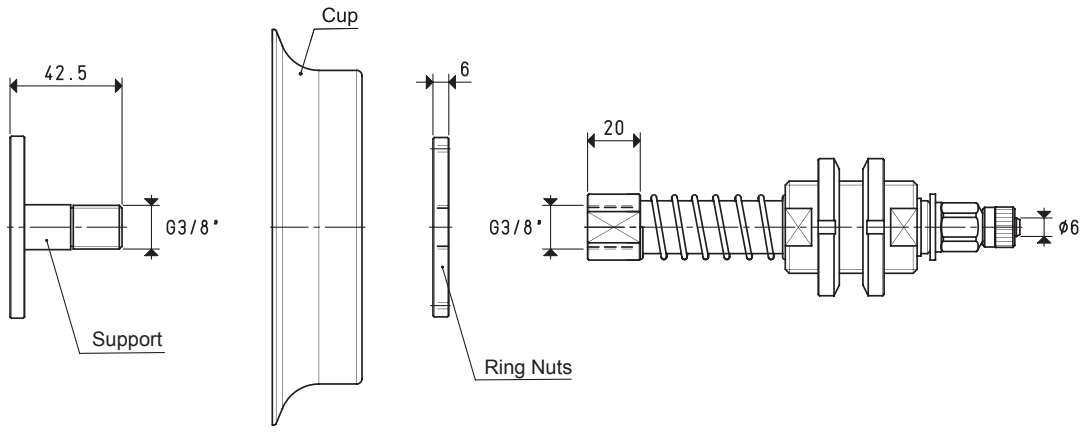
* Also available with height C of 110 mm

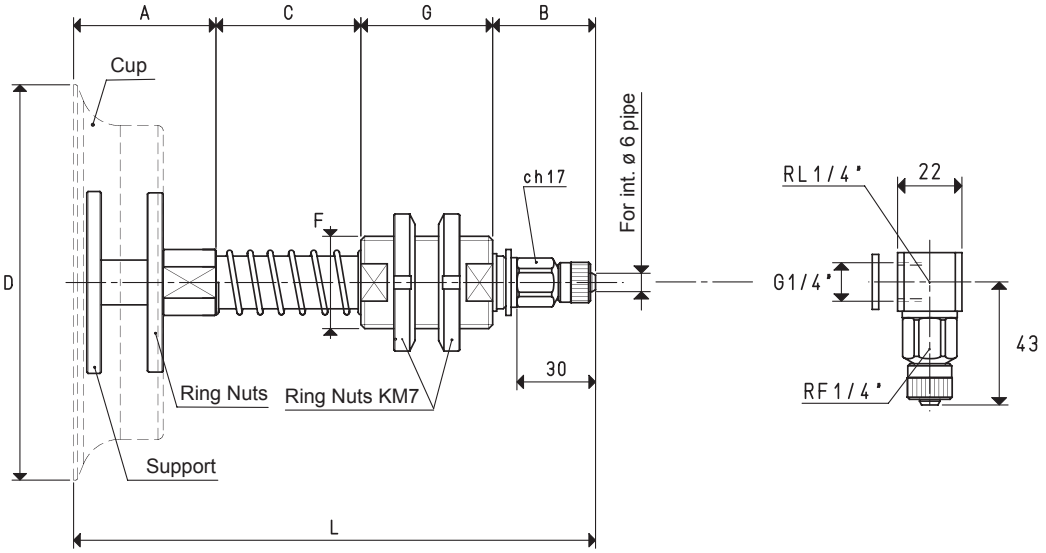
Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

SPECIAL CUP HOLDERS

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







VERSION 06 150 36 VERSION 06 150 36 L

CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8 C = 110 mm

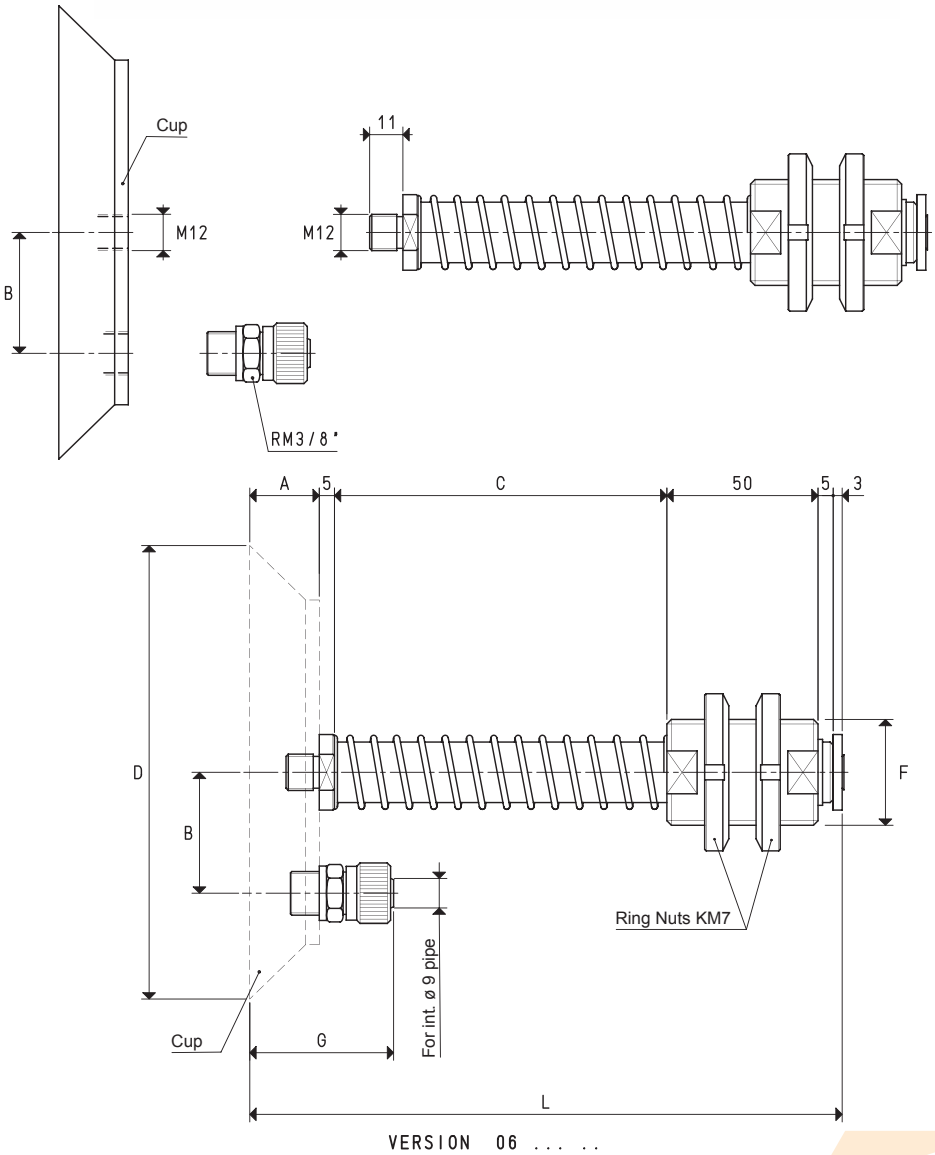
Art.	Force	A	B	*C	D	F	G	L	Cup	Support included	Ring nut included	Weight	Weight
	Kg				Ø	Ø			art.	art.	art.	Kg	Kg
06 150 36	45.00	41	39	55	150	M35 x 1.5	50	185	01 150 36	00 08 112	00 08 113	1.39	1.52

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

* Also available with height C of 110 mm

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

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	A	B	*C	D	F	G	L	Cup	Weight	Weight
	Kg				Ø	Ø			art.	Kg	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

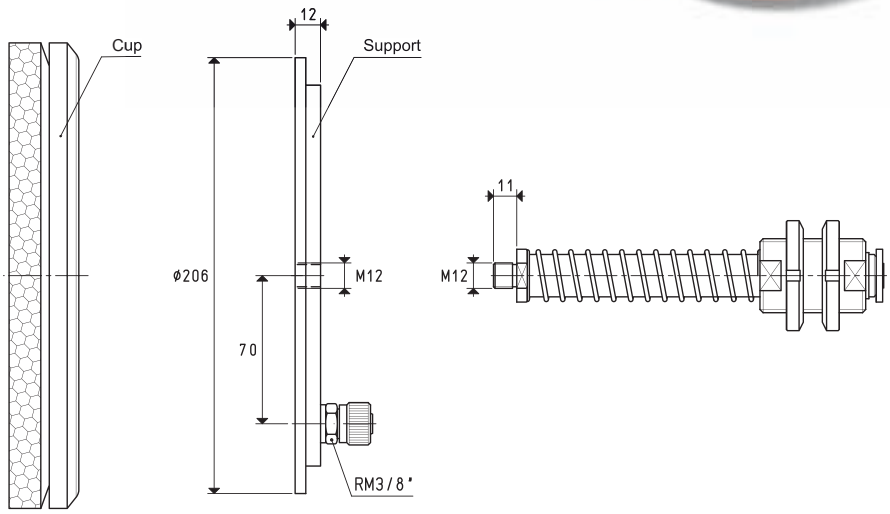
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.

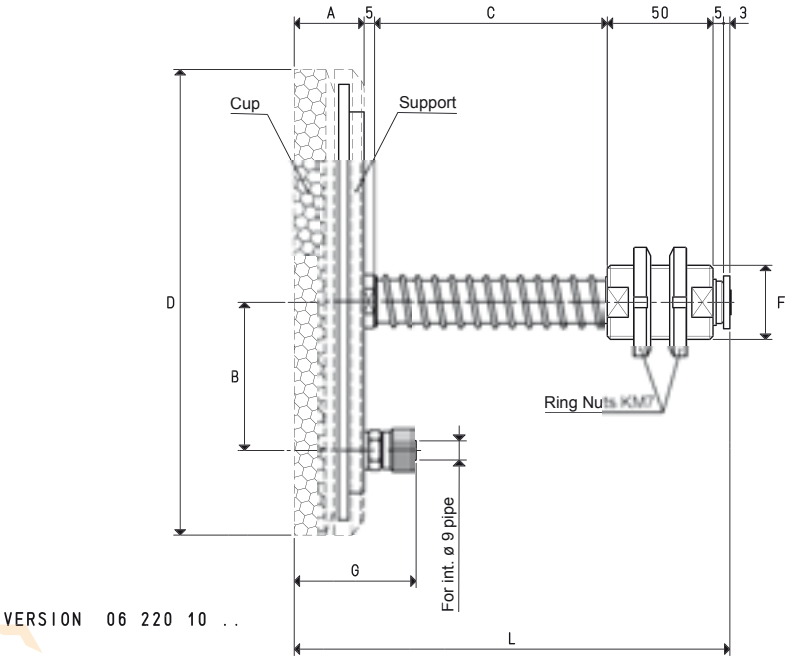
* Also available with height C of 110 mm

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

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

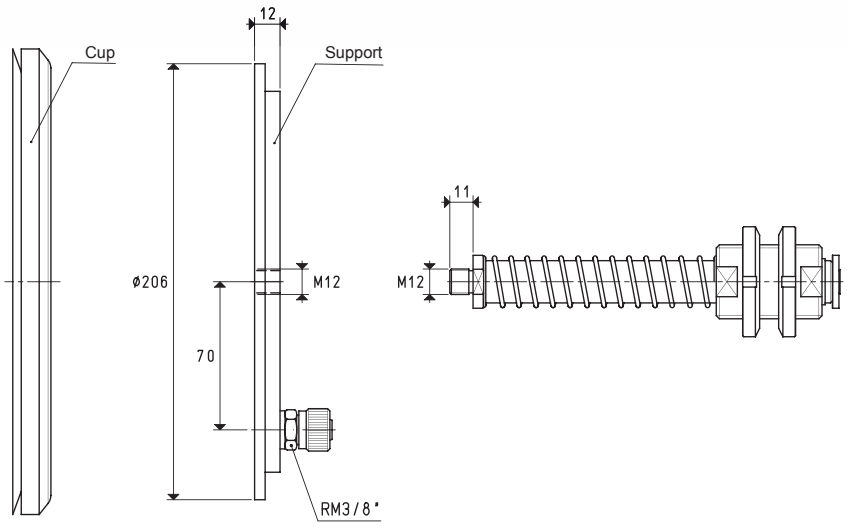
Art.	Force Kg	A	B	*C	D Ø	F Ø	G	L	Cup art.	Support included art.	Weight Kg	Weight Kg
06 220 10 0F	63.6	35	70	55	220	M35 x 1.5	61	153	01 220 10 0F	00 08 37	1.87	1.99
06 220 10 NF	63.6	35	70	55	220	M35 x 1.5	61	153	01 220 10 NF	00 08 37	1.86	1.98

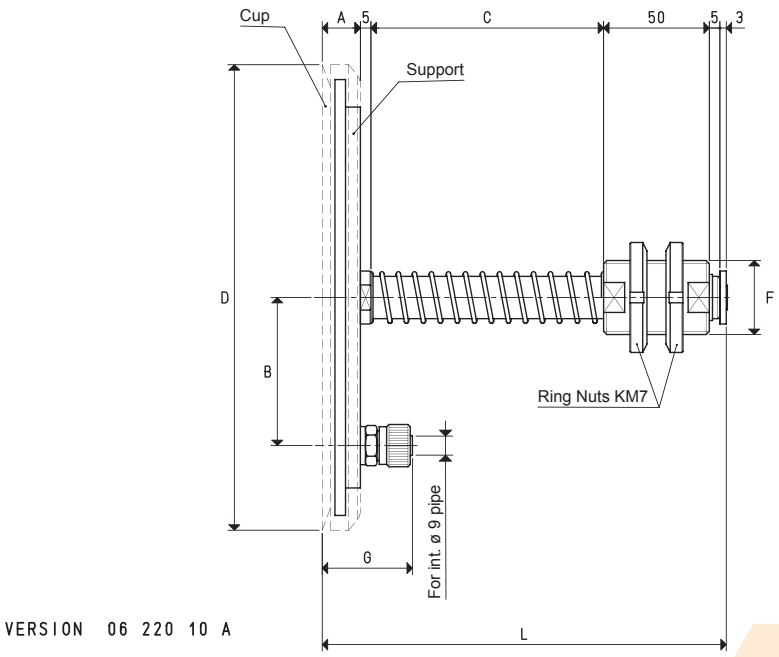
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.

* Also available with height C of 110 mm

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

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	G	L	Cup art.	Support included art.	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

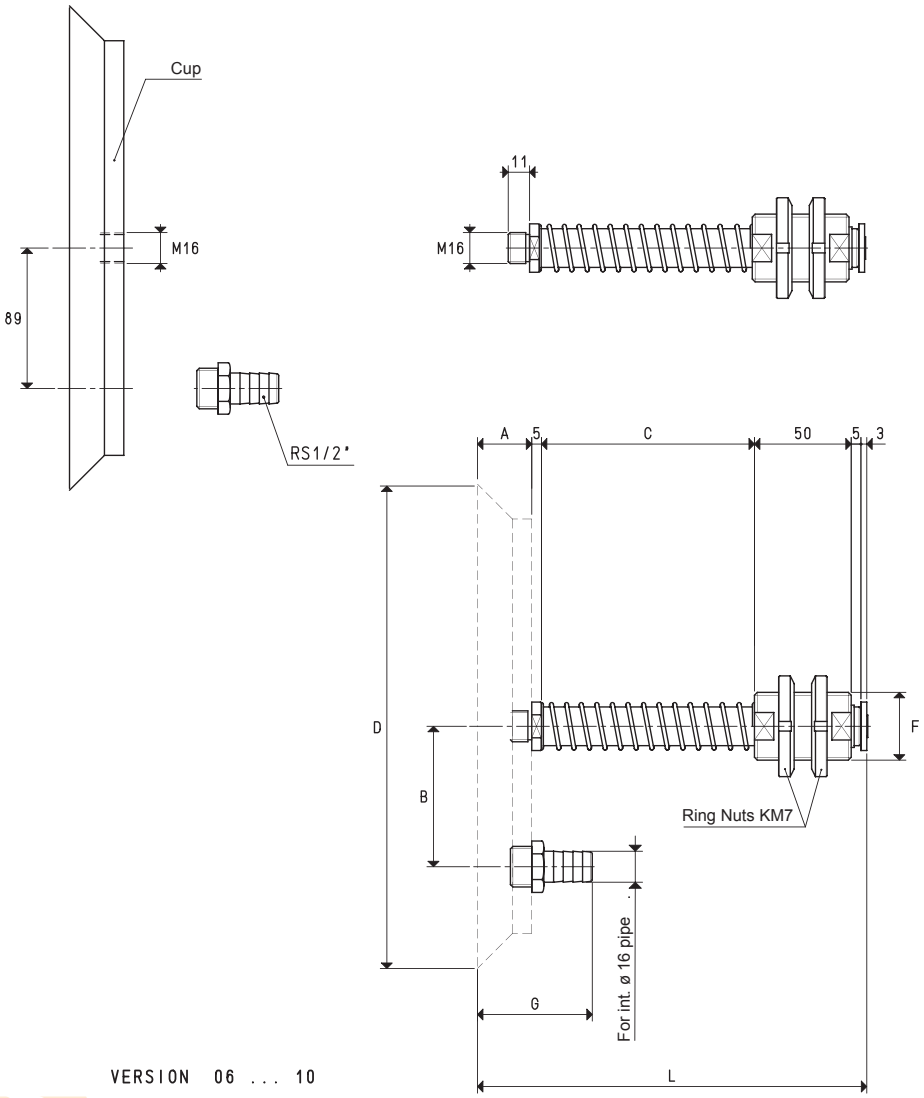
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.

* Also available with height C of 110 mm

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

SPECIAL CUP HOLDERS

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



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

C = 110 mm

Art.	Force	A	B	*C	D	F	G	L	Cup	Weight	Weight
	Kg				Ø	Ø			art.	Kg	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

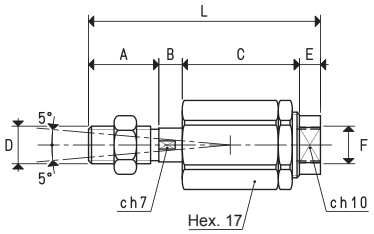
Note: Cups are not an integral part of the cup holders, therefore, they must be ordered seperately.

* Also available with height C of 110 mm

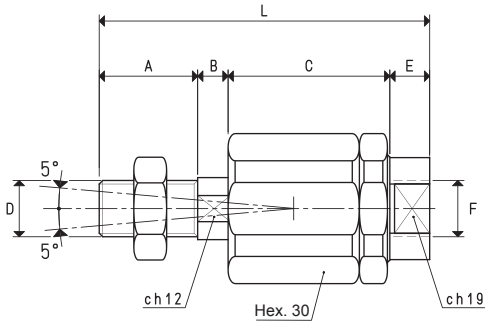
Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

SPHERICAL ARTICULATED JOINTS

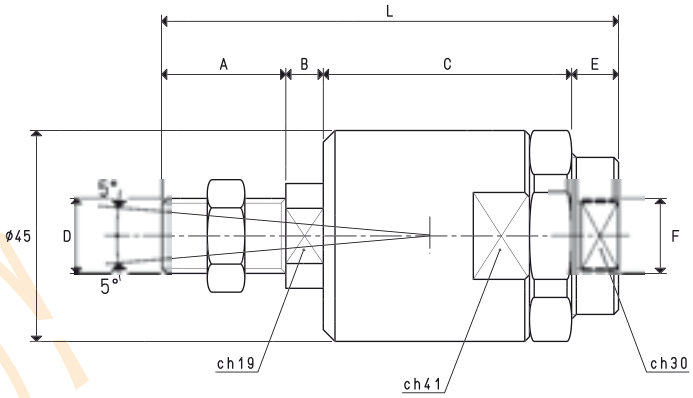
Our spherical articulated joints are made with hardened steel. Assembled to the cup holders, they compensate offsets, orthogonality and flatness errors that often arise between the cups and the surface of the load to be lifted.



Art.	A	B	C	D Ø	E	F Ø	L	Weight g
GSM8	15	5	25	M8	4.5	M8	49.5	55



Art.	A	B	C	D Ø	E	F Ø	L	Weight g
GSM12	21	6.5	34.5	M12	8.5	M12	70.5	220

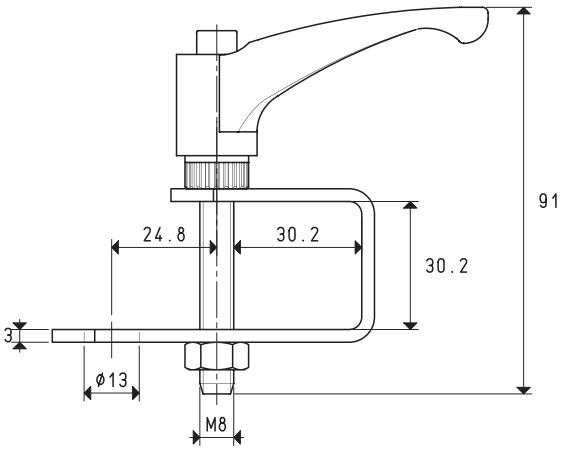


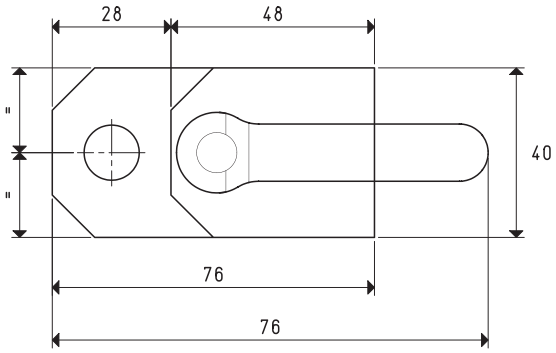
Art.	A	B	C	D Ø	E	F Ø	L	Weight g
GSM16	26.5	8	53	M16	10	M16	97.5	670

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

CUP HOLDER FIXING SUPPORTS

The supports decribed in the following in these pages are made with galvanised sheet steel and they are used to fasten the various types of cup holders to the machine, generally made up of a square tube frame. The screw or the handle with which they are equipped quickly block the support in position.

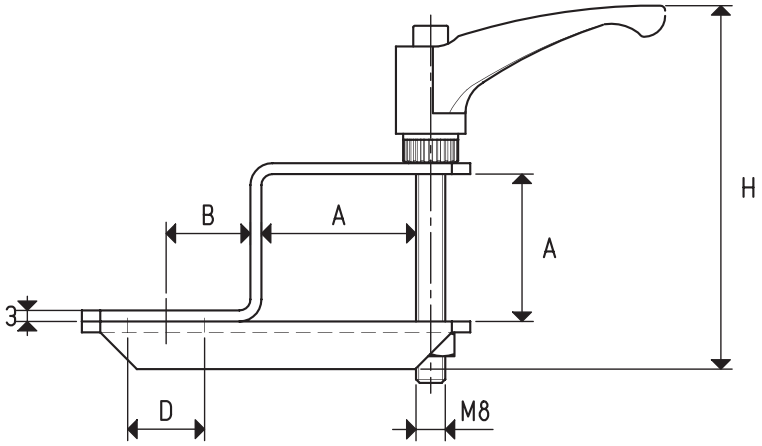


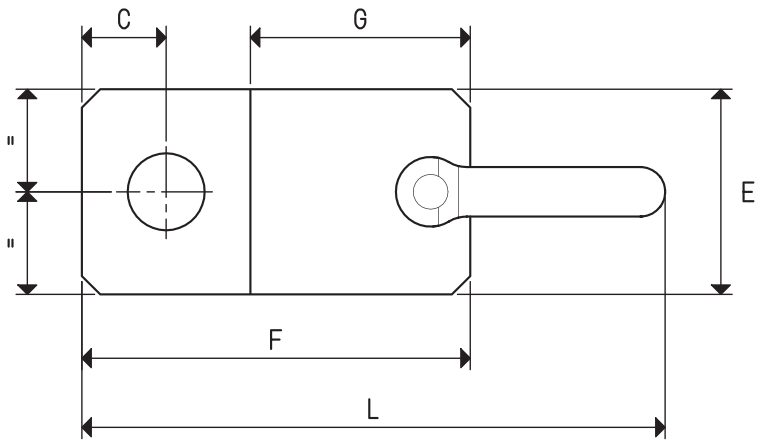


TUBULAR SUPPORT ⧄ 30

Art.	Tubular section ⧄	Cup holder	Weight g
SFP 01	30	mini	160

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





TUBULAR SUPPORTS ⍁ 40 - 50

Art.	Tubular section ⍁	A	B	C	D	E	F	G	H	L	Cup holder	Weight g
SFP 02	40	40.2	23	23	21	56	106	60	99	159	basic	350
SFP 03	40	40.2	23	23	25	56	106	60	99	159	special anti-rotation	338
SFP 04	40	40.2	30	30	36	70	120	60	99	173	special	438
SFP 05	50	50.2	23	23	21	56	116	70	109	169	basic	370
SFP 06	50	50.2	23	23	25	56	116	70	109	169	special anti-rotation	377
SFP 07	50	50.2	30	30	36	70	130	70	109	183	special	490

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