

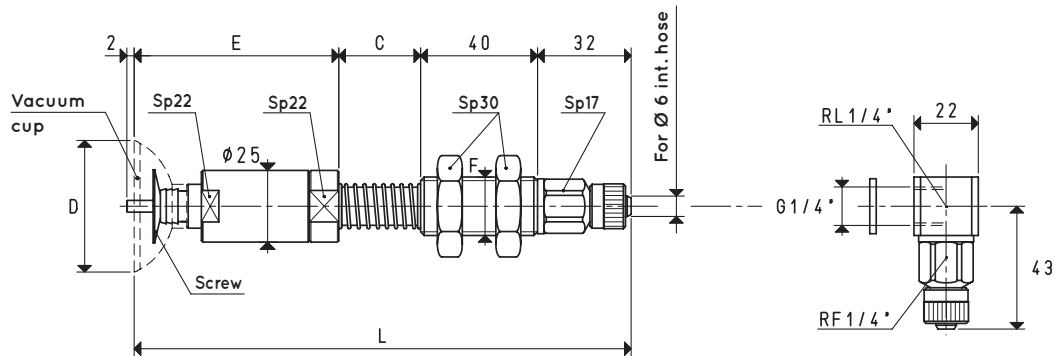
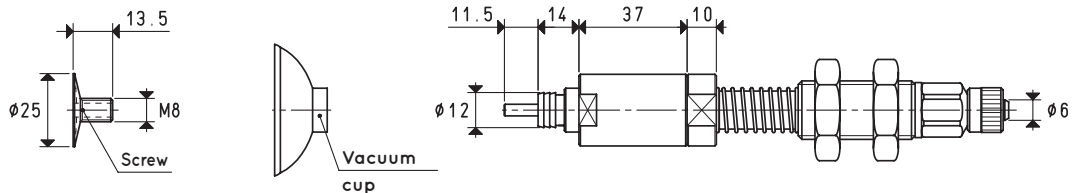
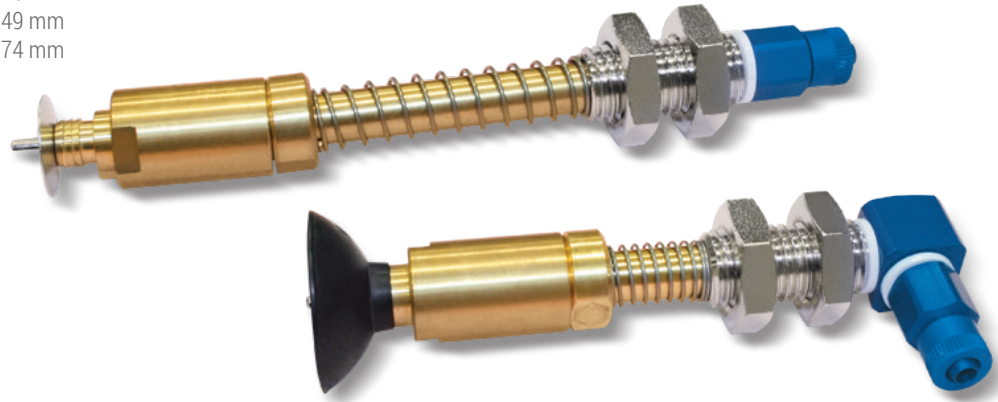


## BASIC VACUUM CUP HOLDERS WITH PLUNGER VALVE

They offer the same mechanical performance at the basic mini vacuum cup holders. They are characterised by a plunger valve solidly connected to a conical spear valve, which activates suction, and therefore creates vacuum, only when the cup comes into contact with the load to be lifted.

The actual springing stroke is:

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



VERSION 03 45 10

VERSION 03 45 10 L

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

C = 65 mm    C = 95 mm

Item	Force Kg	*C	D Ø	E	F Ø	L	For vacuum cup item	Screw included item	Weight g	Weight g	Weight g
<b>03 45 10</b>	3.98	28	45	70	M20	170	01 45 10	00 20 13	344.7	381.7	415.7

Note: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

To order vacuum cup holders with L fittings, add the letter L to the code.

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

Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

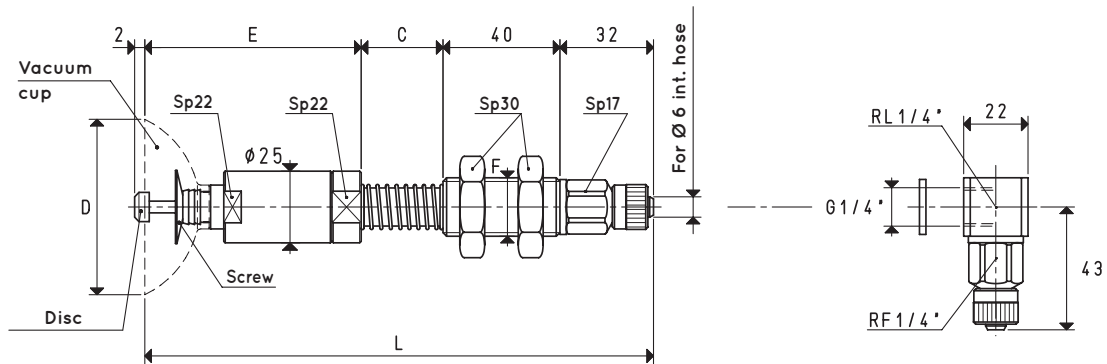
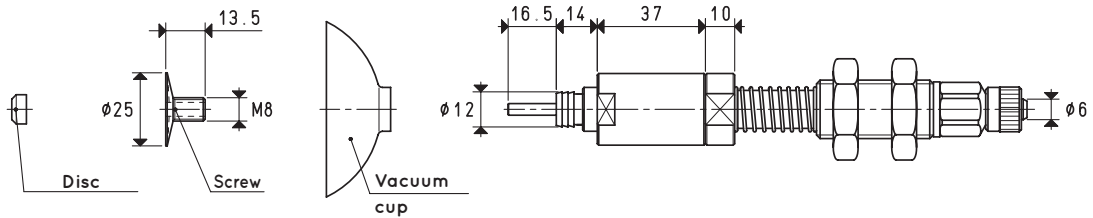
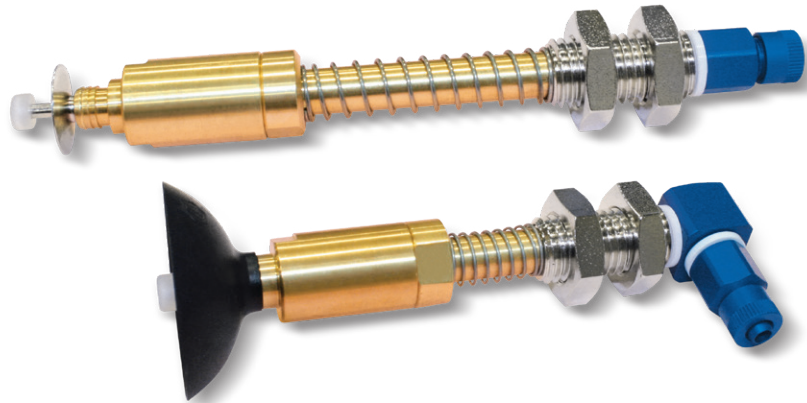
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)      inch =  $\frac{\text{mm}}{25.4}$  ; pounds =  $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$



# BASIC VACUUM CUP HOLDERS WITH PLUNGER VALVE

The actual springing stroke is:

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



VERSION 03 60 10

VERSION 03 60 10 L

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

C = 65 mm    C = 95 mm

Item	Force Kg	*C	D Ø	E	F Ø	L	For vacuum cup item	Screw included item	Disc included item	Weight g	Weight g	Weight g
<b>03 60 10</b>	7.06	28	60	74	M20	172	01 60 10	00 20 13	00 03 22	361.9	399.9	432.9

Note: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

To order vacuum cup holders with L fittings, add the letter L to the code.

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

Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)      inch =  $\frac{\text{mm}}{25.4}$  ; pounds =  $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

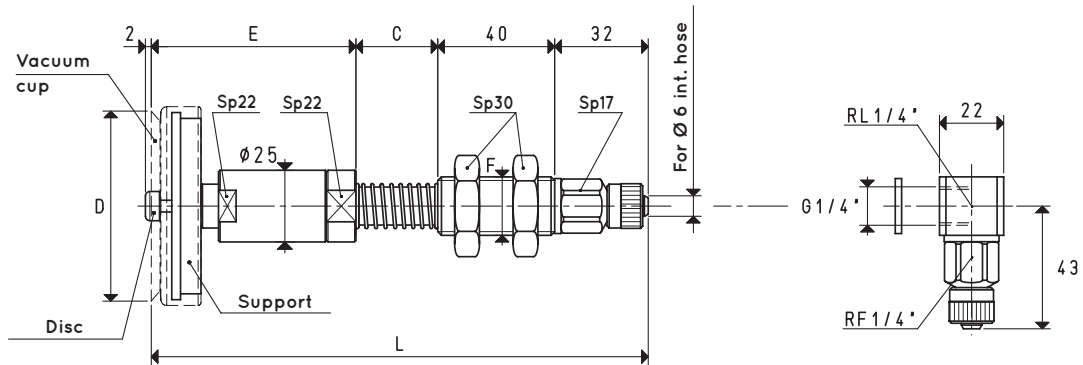
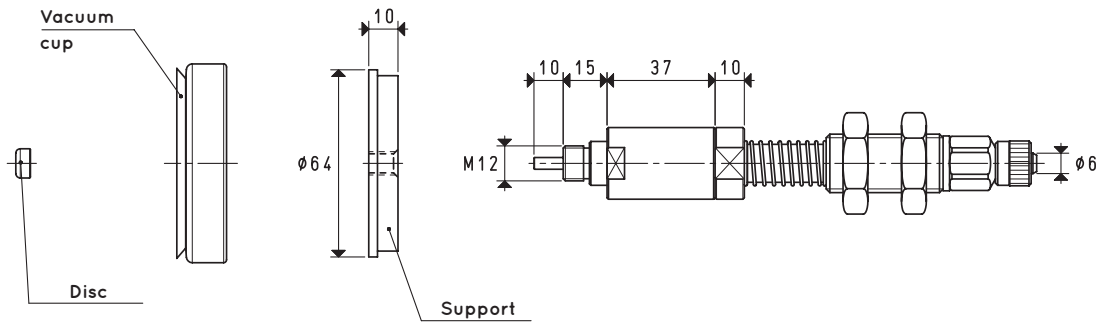
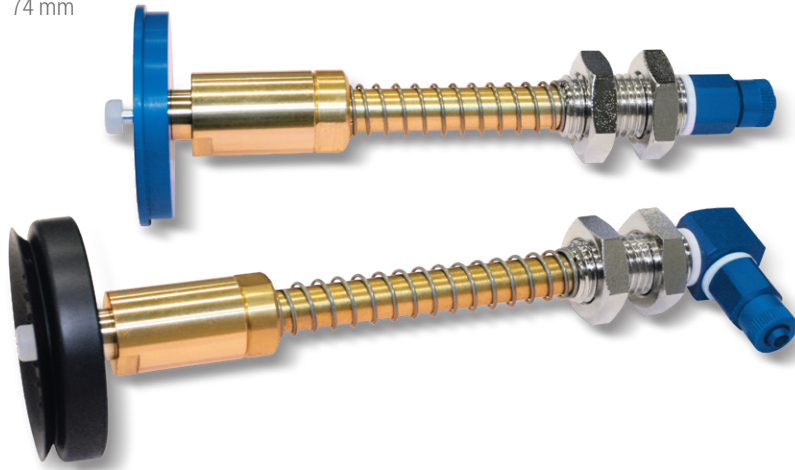


## BASIC VACUUM CUP HOLDERS WITH PLUNGER VALVE

The actual springing stroke is:

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

3D drawings are available on [vuototecnica.net](http://vuototecnica.net)



VERSION 03 65 15

VERSION 03 65 15 L

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

C = 65 mm C = 95 mm

Item	Force Kg	*C	D Ø	E	F Ø	L	For vacuum cup item	Support included item	Disc included item	Weight g	Weight g	Weight g
<b>03 65 15</b>	8.29	28	65	70	M20	170	01 65 15	00 08 32	00 03 22	459.4	497.4	530.4

Note: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

To order vacuum cup holders with L fittings, add the letter L to the code.

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

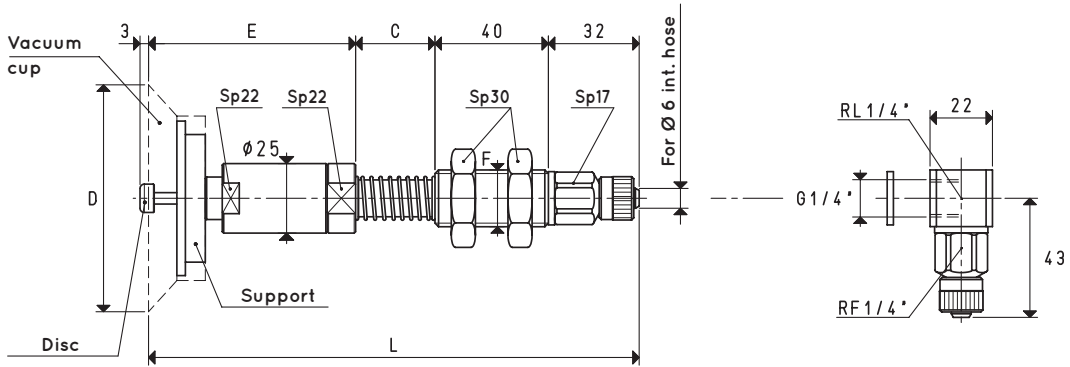
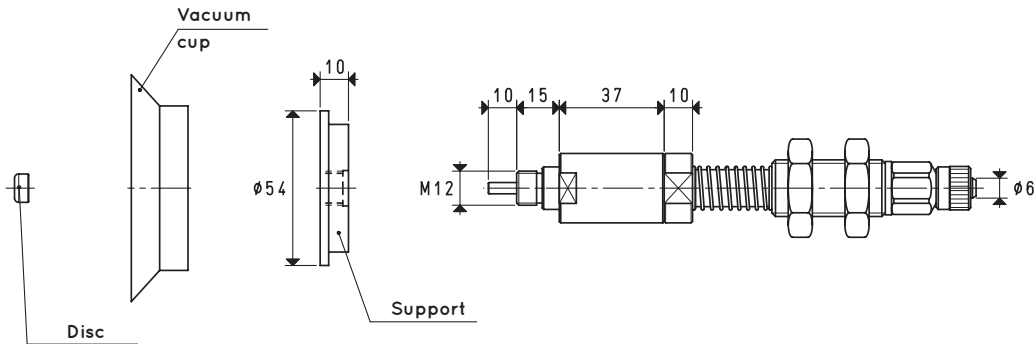
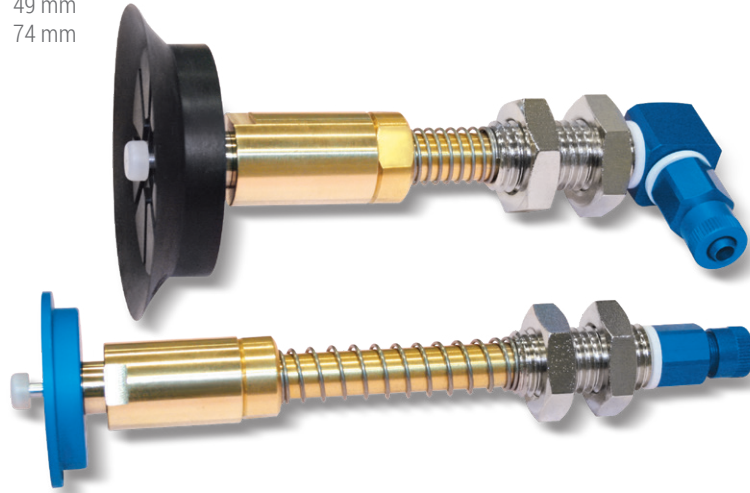
Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)      inch =  $\frac{\text{mm}}{25.4}$  ; pounds =  $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

# BASIC VACUUM CUP HOLDERS WITH PLUNGER VALVE

The actual springing stroke is:

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



VERSION 03 80 20

VERSION 03 80 20 L

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

C = 65 mm C = 95 mm

Item	Force Kg	*C	D Ø	E	F Ø	L	For vacuum cup item	Support included item	Disc included item	Weight g	Weight g	Weight g
<b>03 80 20</b>	12.56	28	80	73	M20	173	01 80 20	00 08 126	00 03 22	432.2	470.2	503.2

Note: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

To order vacuum cup holders with L fittings, add the letter L to the code.

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

Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

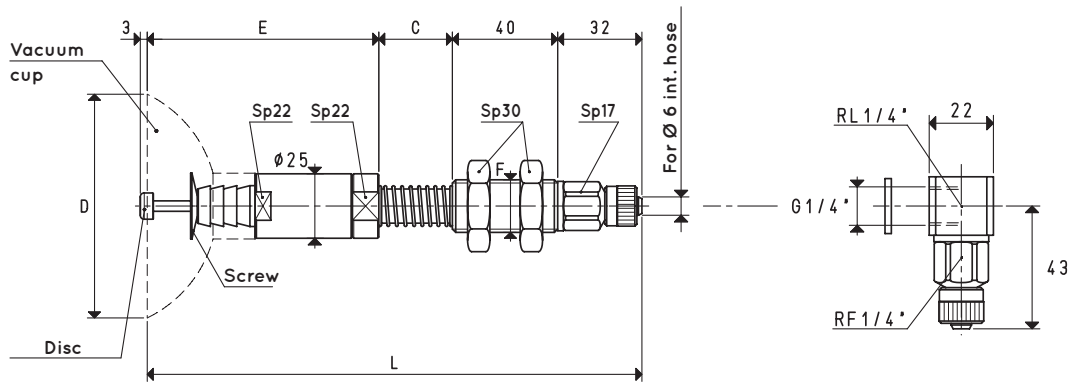
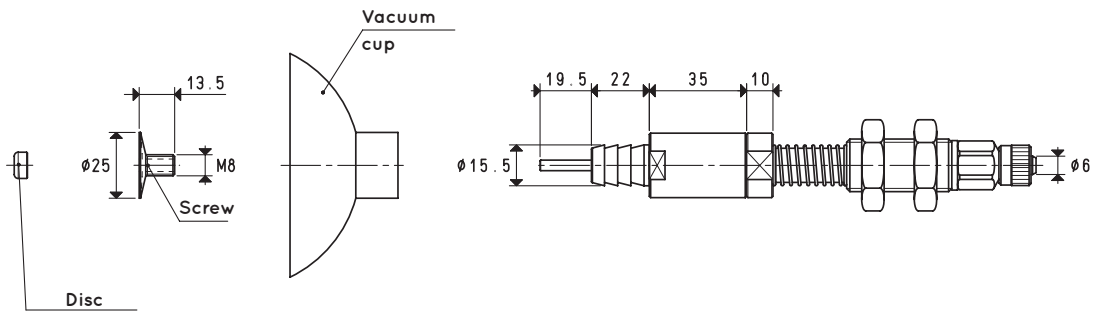
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)      inch =  $\frac{\text{mm}}{25.4}$  ; pounds =  $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$



## BASIC VACUUM CUP HOLDERS WITH PLUNGER VALVE

The actual springing stroke is:

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



VERSION 03 85 10

VERSION 03 85 10 L

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

C = 65 mm C = 95 mm

Item	Force Kg	*C	D Ø	E	F Ø	L	For vacuum cup item	Support included item	Disc included item	Weight g	Weight g	Weight g
<b>03 85 10</b>	14.18	28	85	92	M20	192	01 85 10	00 20 13	00 03 22	420.9	462.9	483.9

Note: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

To order vacuum cup holders with L fittings, add the letter L to the code.

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

Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

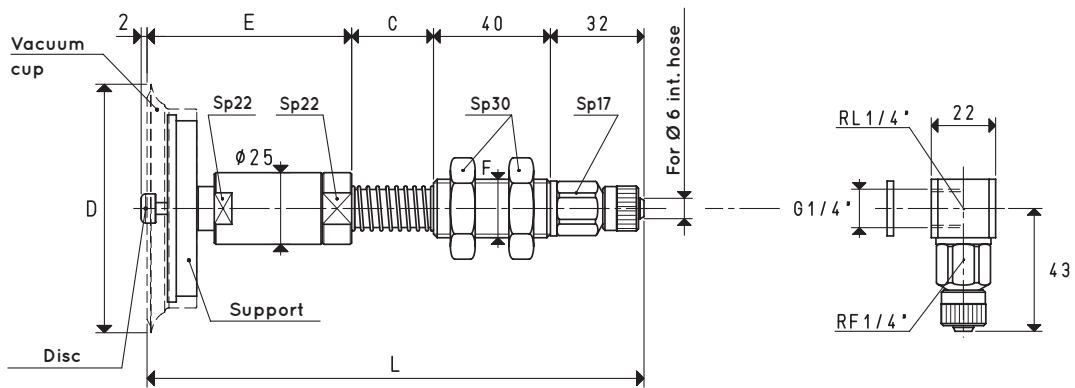
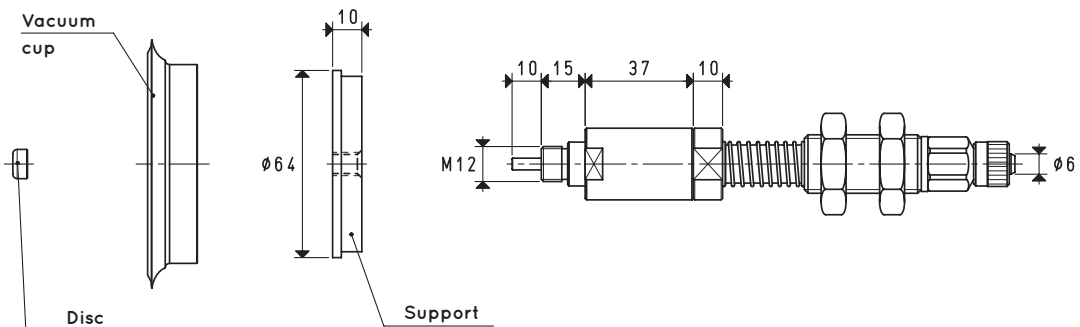
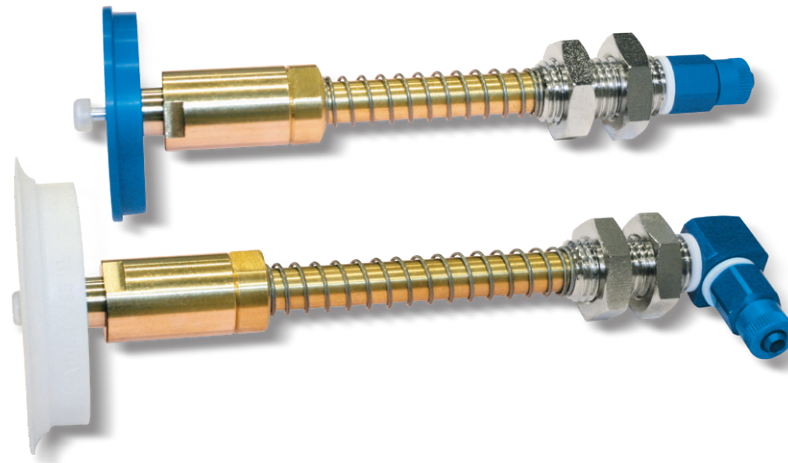
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)      inch =  $\frac{\text{mm}}{25.4}$  ; pounds =  $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$



## BASIC VACUUM CUP HOLDERS WITH PLUNGER VALVE

The actual springing stroke is:

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



VERSION 03 85 15

VERSION 03 85 15 L

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

C = 65 mm C = 95 mm

Item	Force Kg	*C	D Ø	E	F Ø	L	For vacuum cup item	Support included item	Disc included item	Weight g	Weight g	Weight g
<b>03 85 15</b>	14.18	28	85	70	M20	170	01 85 15	00 08 32	00 03 22	477.7	515.7	548.7

Note: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

To order vacuum cup holders with L fittings, add the letter L to the code.

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

Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)      inch =  $\frac{\text{mm}}{25.4}$  ; pounds =  $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$



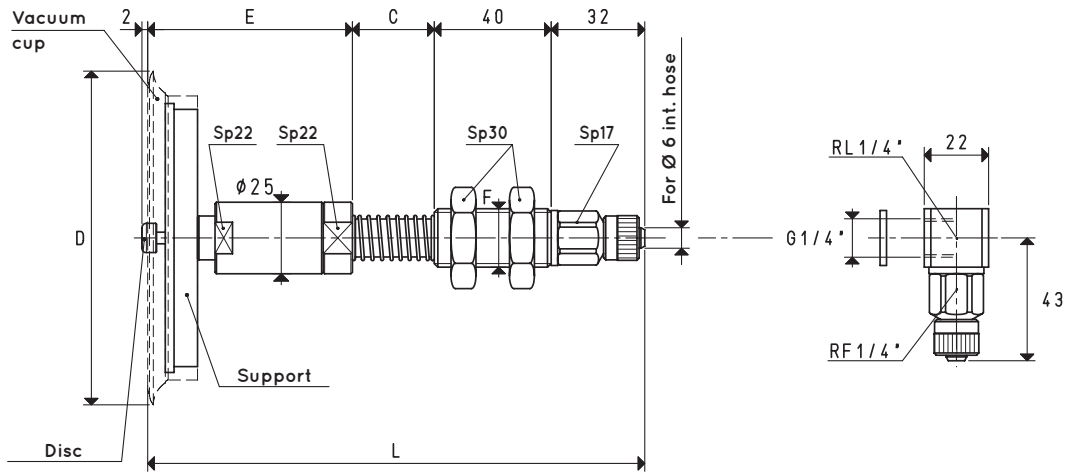
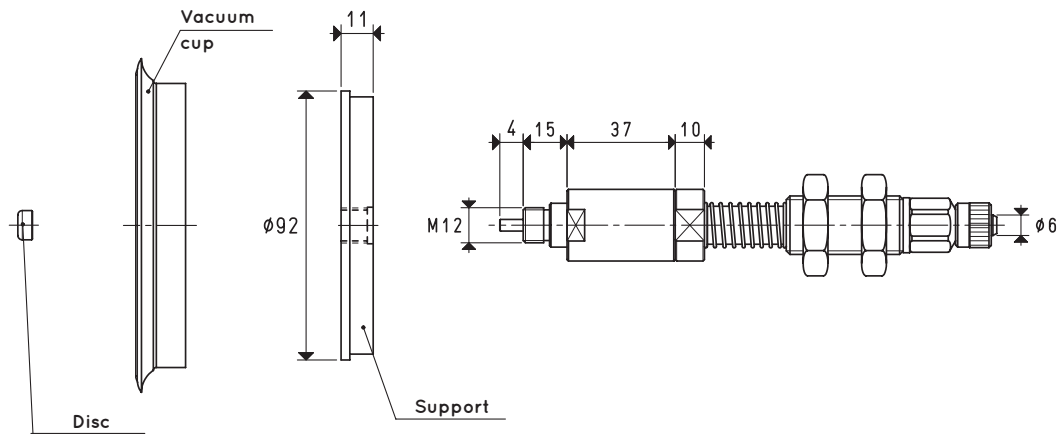
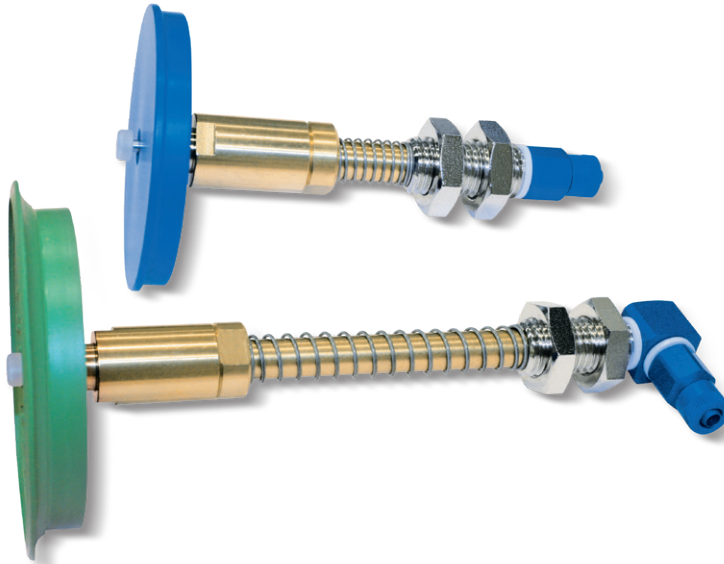
# BASIC VACUUM CUP HOLDERS WITH PLUNGER VALVE

3D drawings are available on [vuotecnica.net](http://vuotecnica.net)

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The actual springing stroke is:

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



VERSION 03 110 10

VERSION 03 110 10 L

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

C = 65 mm C = 95 mm

Item	Force Kg	*C	D Ø	E	F Ø	L	For vacuum cup item	Support included item	Disc included item	Weight g	Weight g	Weight g
<b>03 110 10</b>	23.74	28	114	70	M20	170	01 110 10	00 08 33	00 03 22	618.3	549.3	683.3

Note: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

To order vacuum cup holders with L fittings, add the letter L to the code.

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

Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)      inch =  $\frac{\text{mm}}{25.4}$  ; pounds =  $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$