

SPECIAL VACUUM CUP HOLDERS WITH DOUBLE SPRINGING

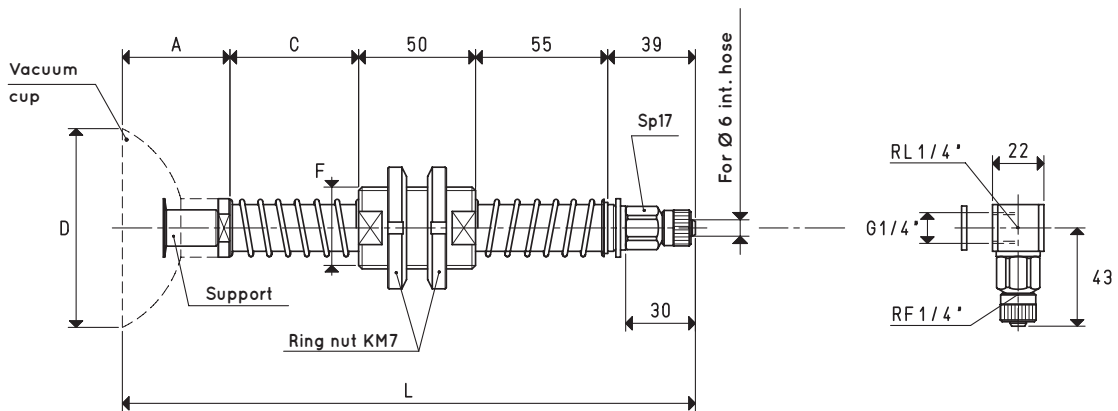
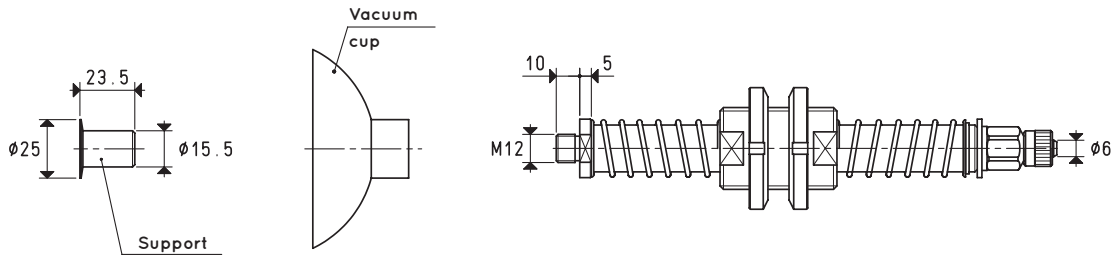
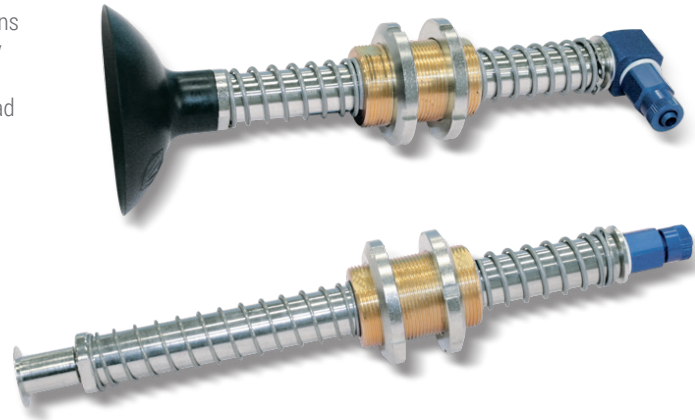
All the special vacuum cup holders previously described can be provided in the double springing version.

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

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

C = 110 mm

Item	Force Kg	A	*C	D Ø	F Ø	L	For vacuum cup item	Support included item	Weight Kg	Weight Kg
06 85 13	14.18	46	55	85	M35 x 1.5	245	01 85 10	00 08 29	0.87	0.99

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

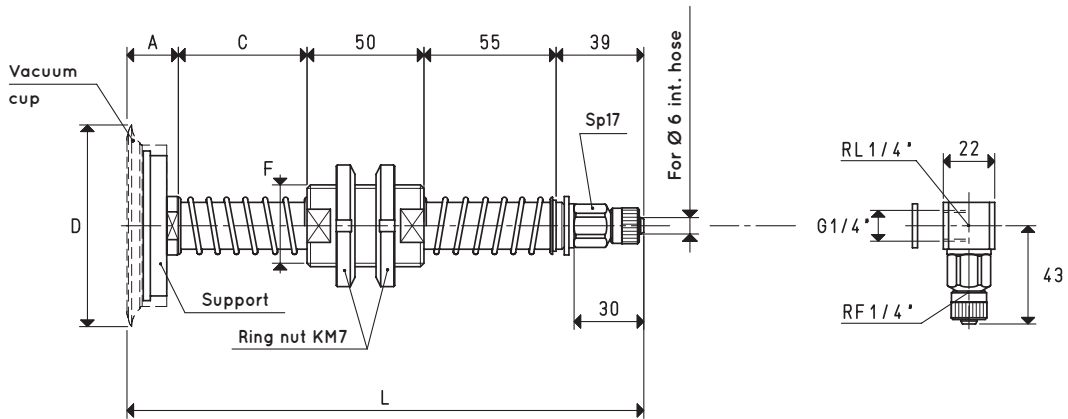
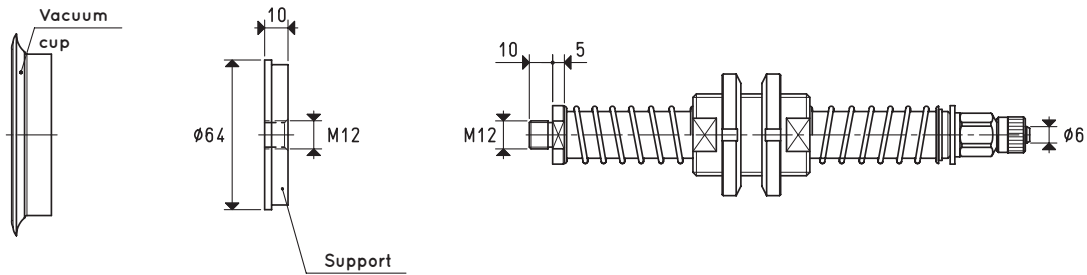
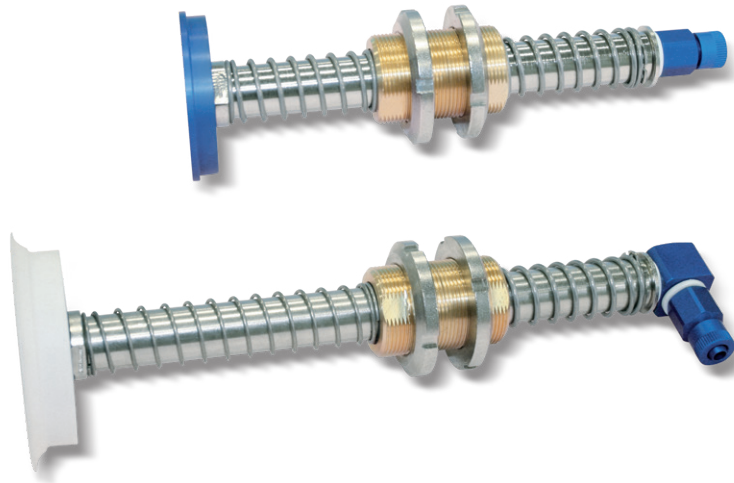


SPECIAL VACUUM CUP HOLDERS WITH DOUBLE SPRINGING

The actual springing stroke is:

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

3D drawings are available on vuototecnica.net



VERSION 06 85 17

VERSION 06 85 17 L

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

C = 110 mm

Item	Force Kg	A	*C	D Ø	F Ø	L	For vacuum cup item	Support included item	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: 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 110 mm

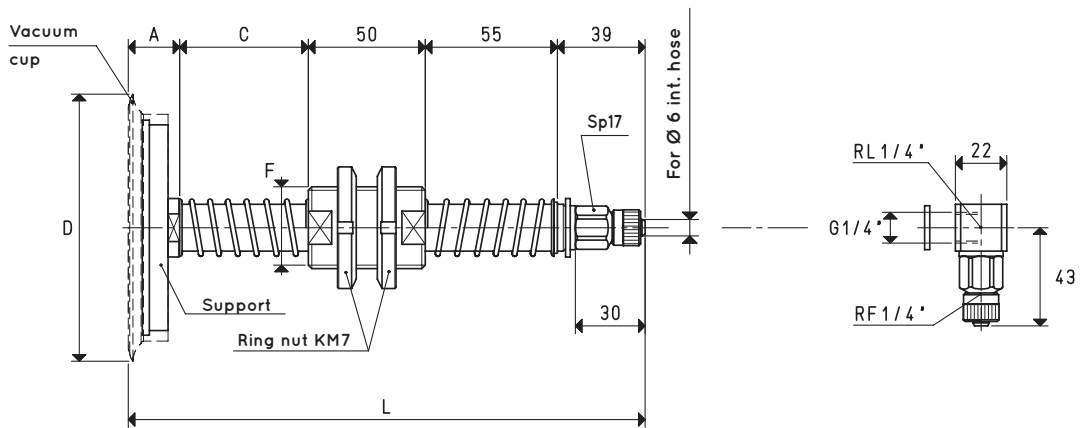
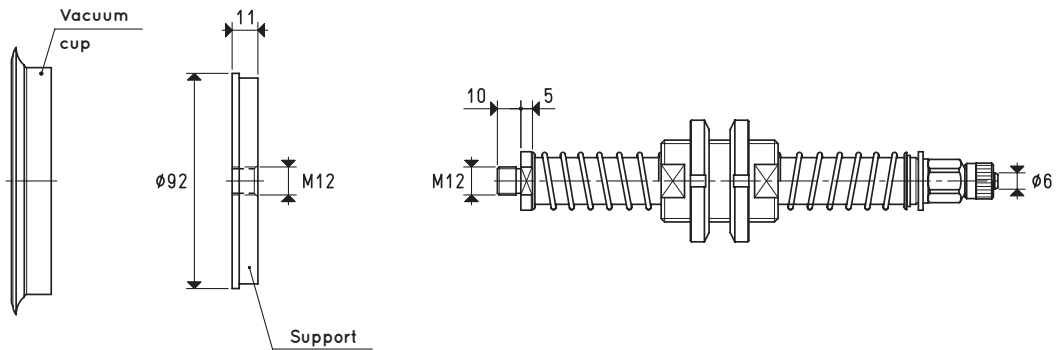
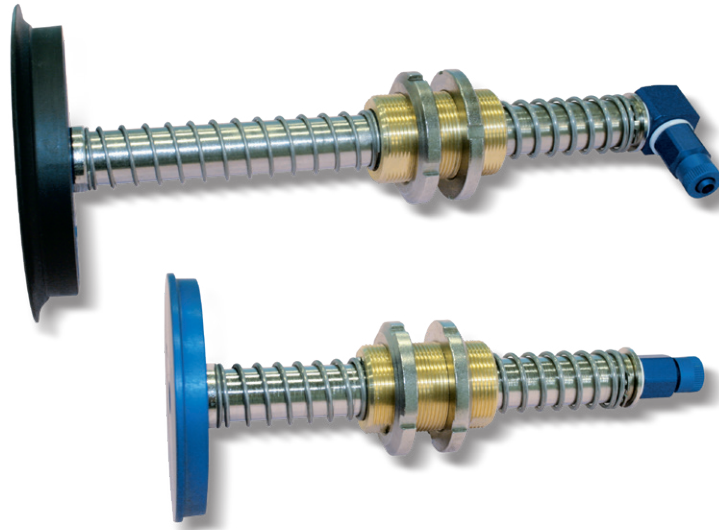
Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

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

SPECIAL VACUUM 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

VACUUM CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE $\varnothing 6 \times 8$

C = 110 mm

Item	Force Kg	A	*C	D \varnothing	F \varnothing	L	For vacuum cup item	Support included item	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: 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 110 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.

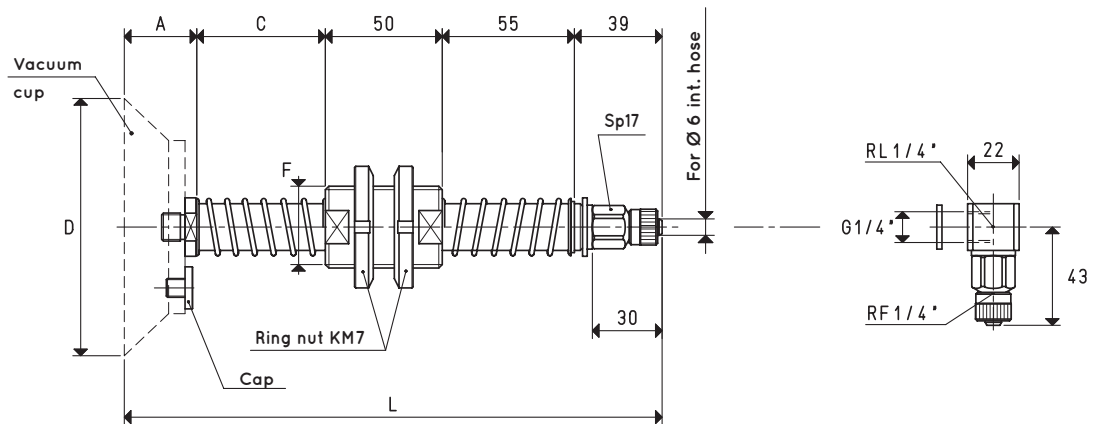
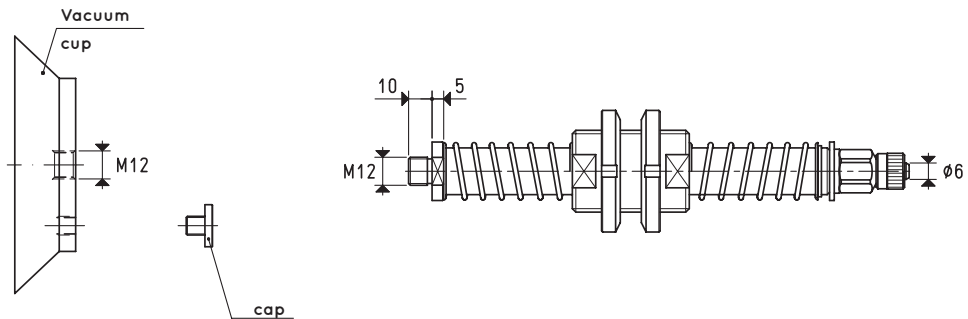
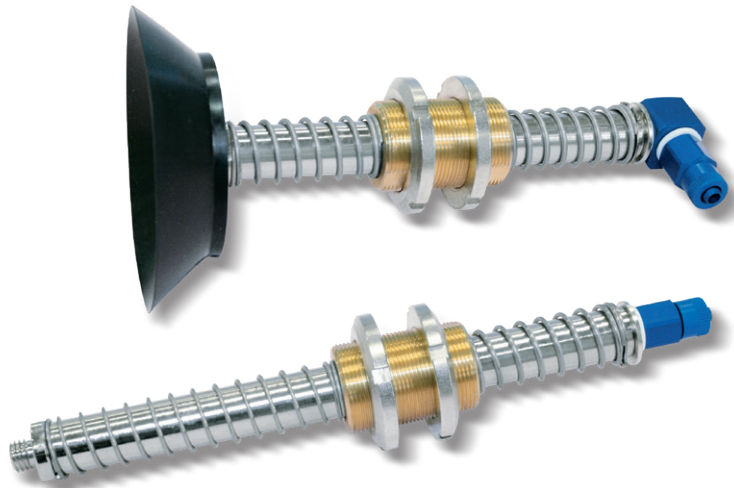
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$



SPECIAL VACUUM 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

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

C = 110 mm

Item	Force Kg	A	*C	D Ø	F Ø	L	For vacuum cup item	Cap included item	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: 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 110 mm

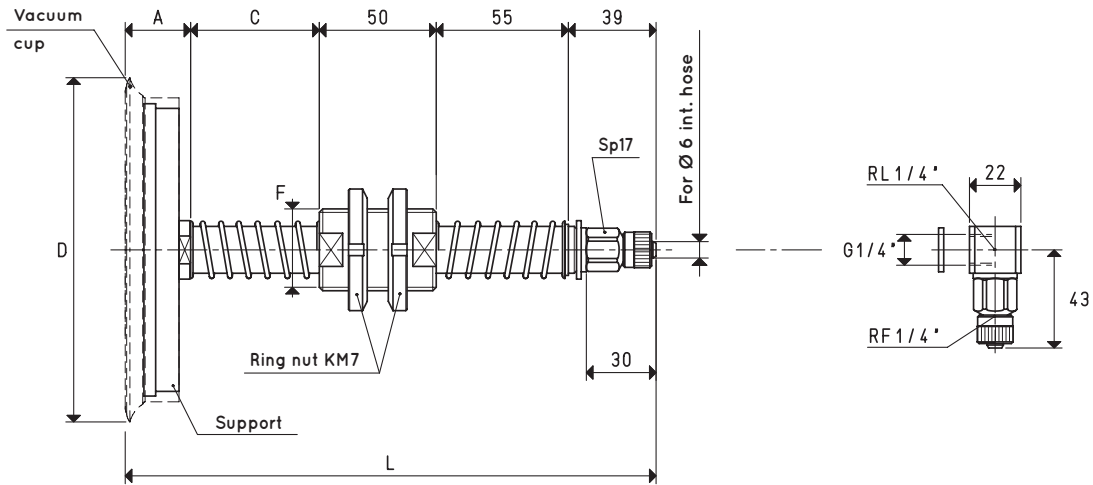
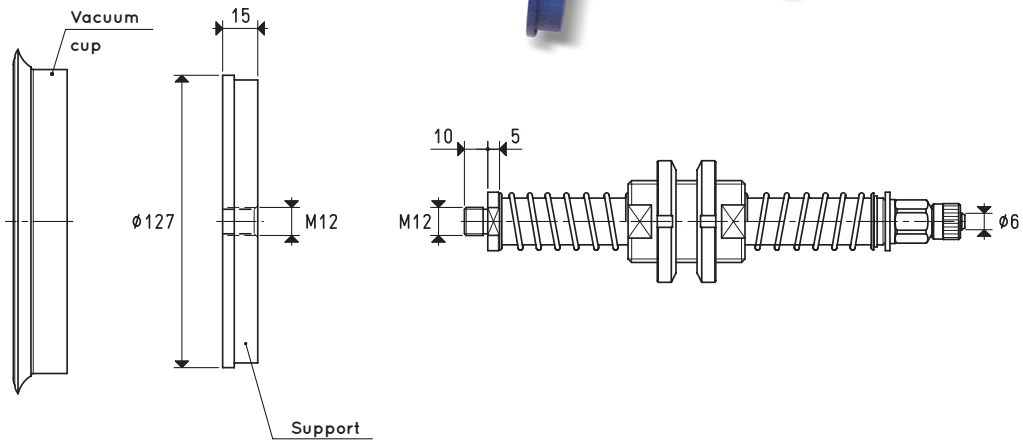
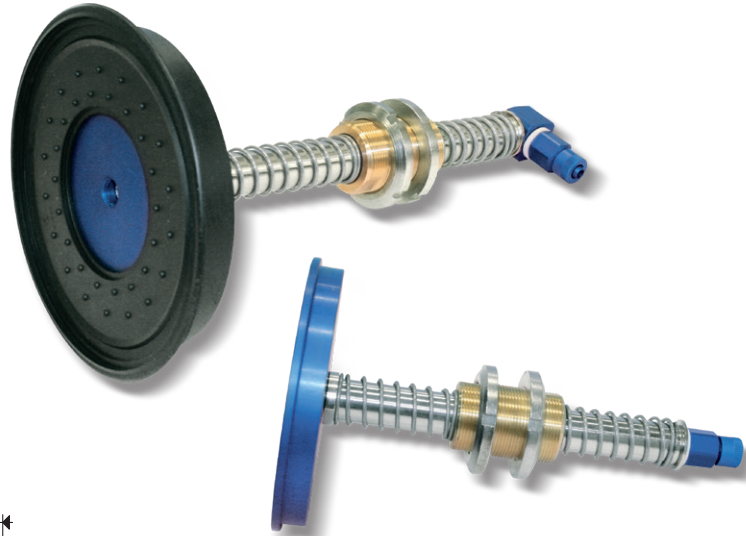
Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

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

SPECIAL VACUUM 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

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

C = 110 mm

Item	Force Kg	A	*C	D Ø	F Ø	L	For vacuum cup item	Support included item	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: 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 110 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.

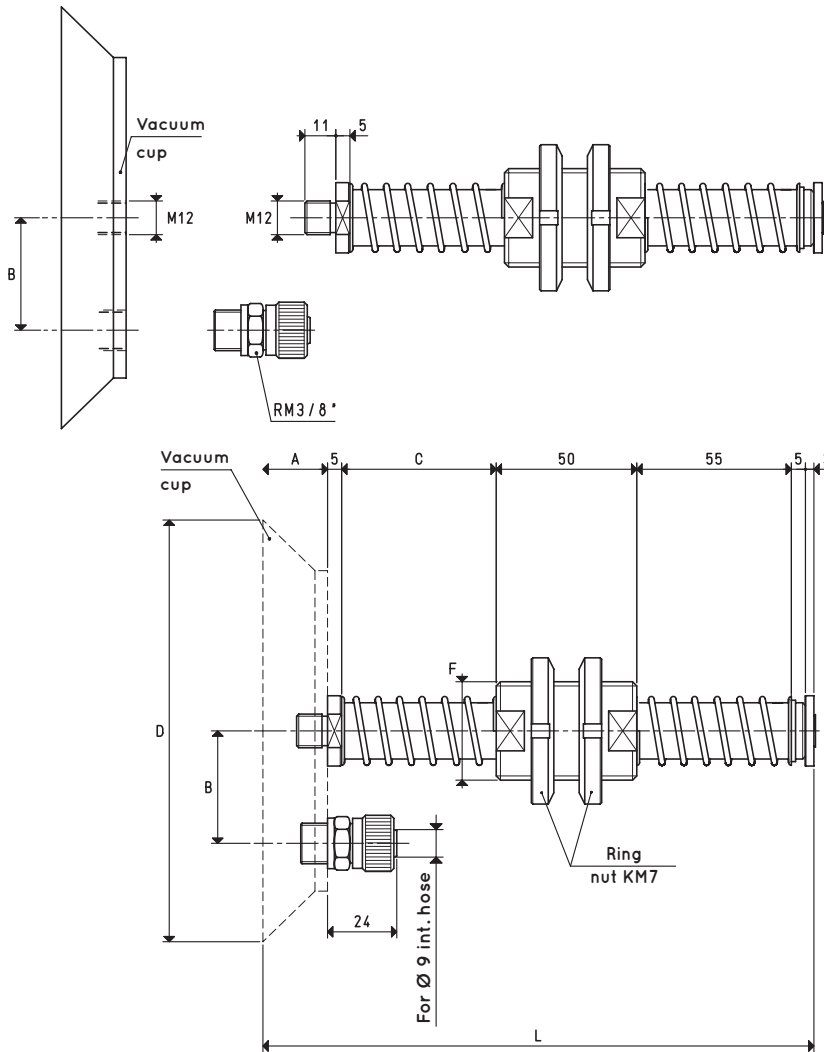
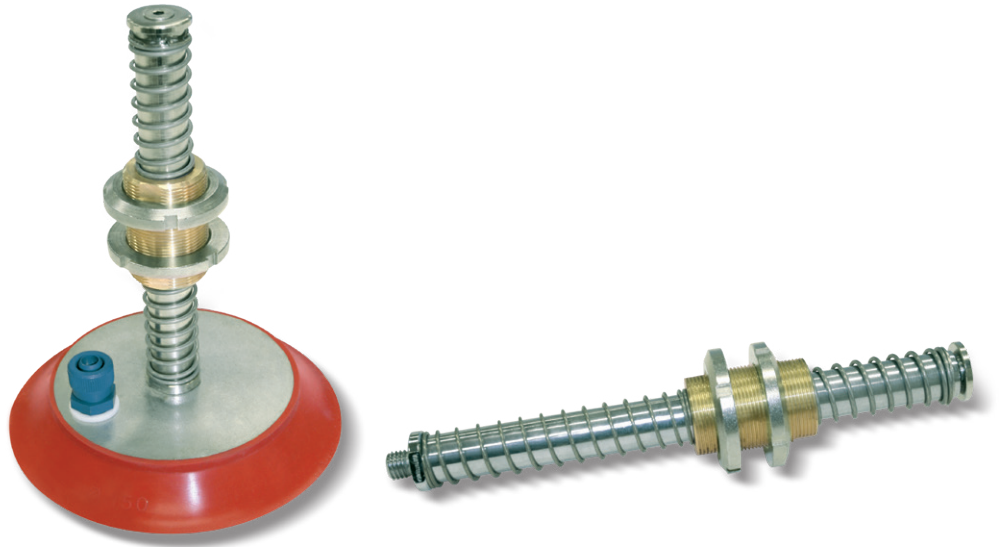
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$



SPECIAL VACUUM 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

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

C = 110 mm

Item	Force Kg	A	B	*C	D Ø	F Ø	L	For vacuum cup item	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: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

* Also available with height C of 110 mm

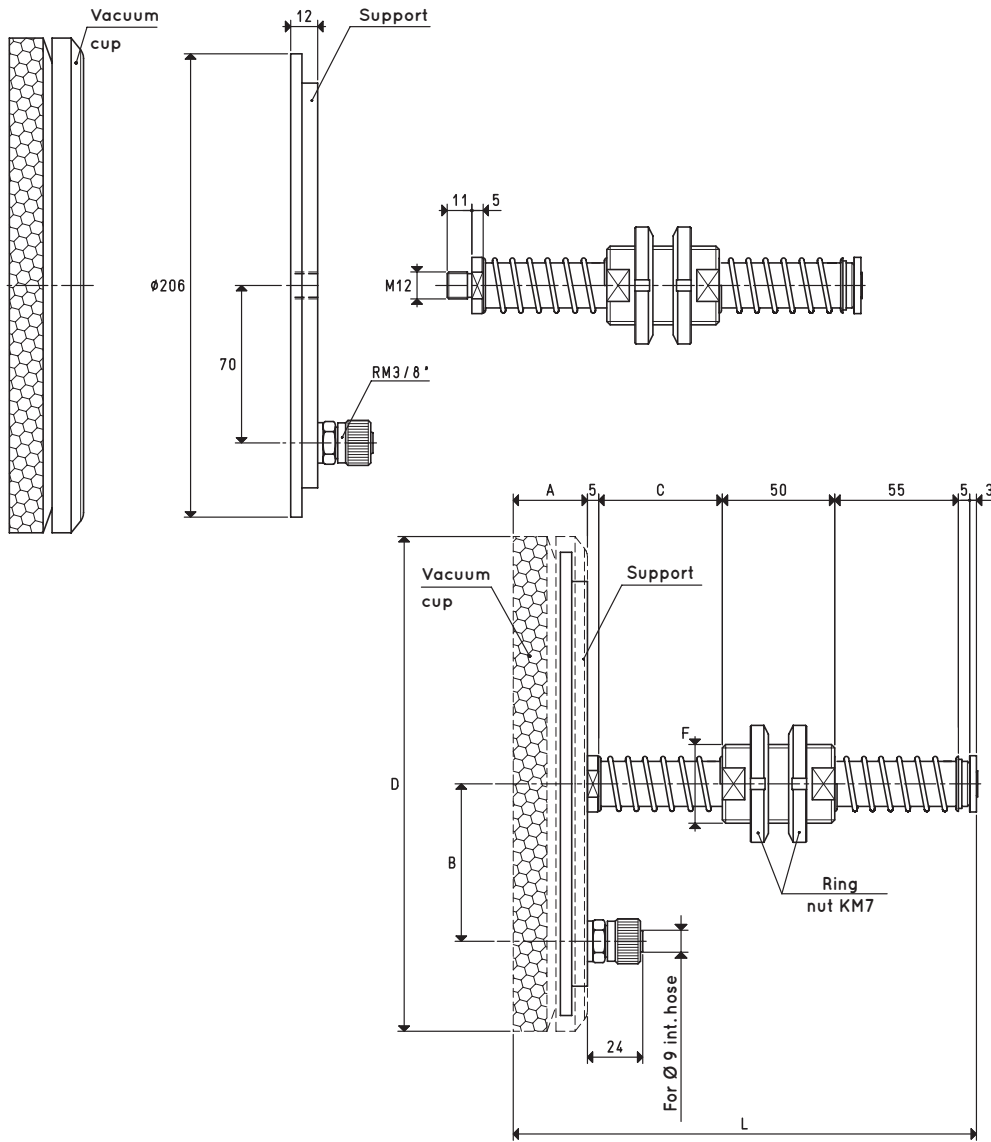
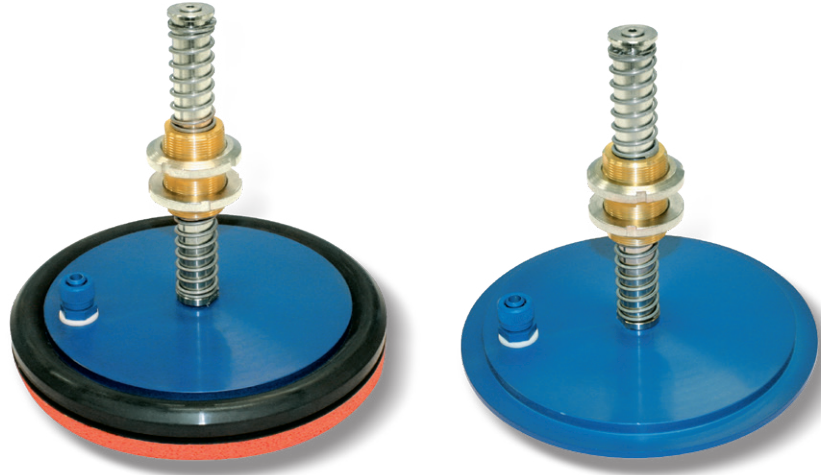
Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

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

SPECIAL VACUUM 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 ...

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

C = 110 mm

Item	Force Kg	A	B	*C	D Ø	F Ø	L	For vacuum cup item	Support included item	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: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

* Also available with height C of 110 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.

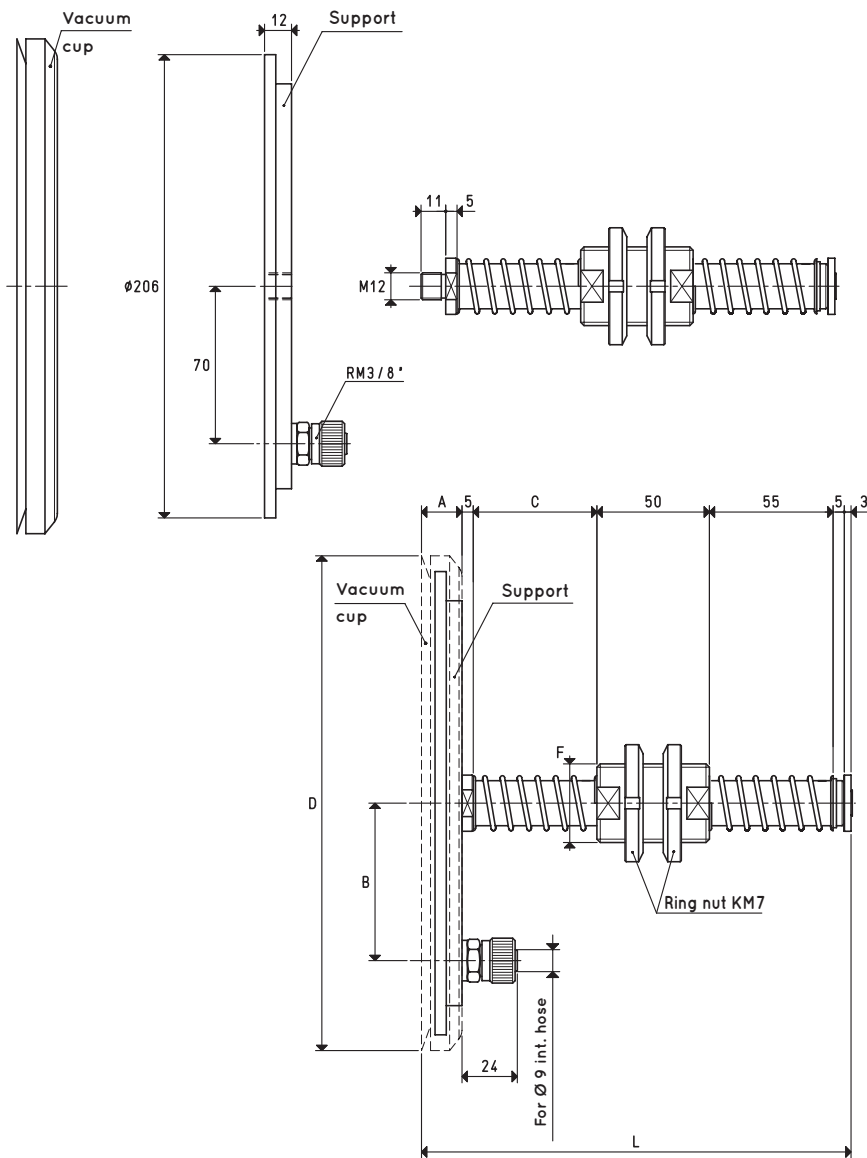
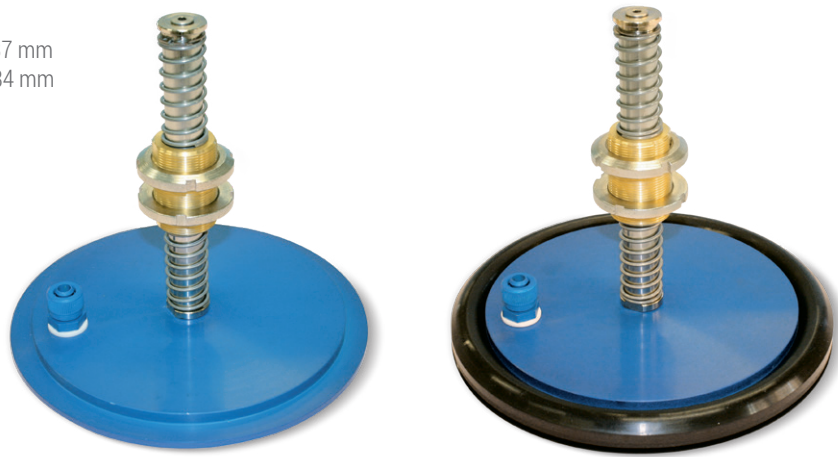
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$



SPECIAL VACUUM 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

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

C = 110 mm

Item	Force Kg	A	B	*C	D Ø	F Ø	L	For vacuum cup item	Support included item	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: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

* Also available with height C of 110 mm

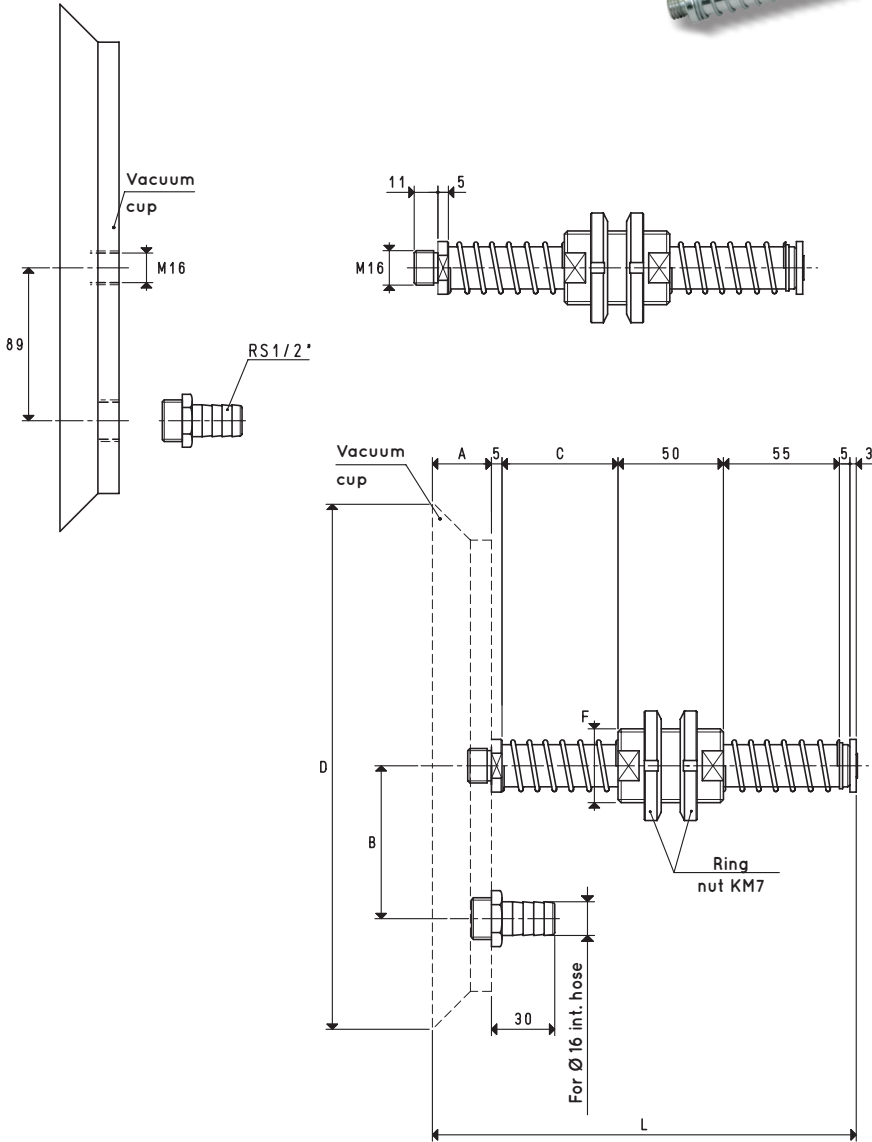
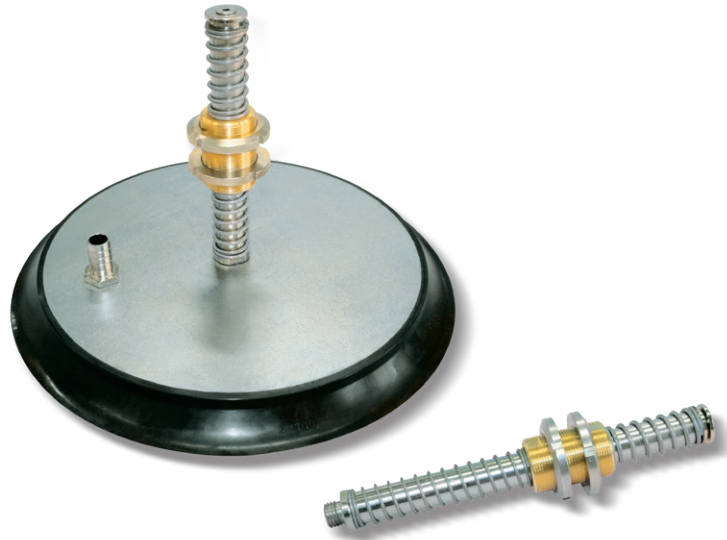
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SPECIAL VACUUM CUP HOLDERS WITH DOUBLE SPRINGING

The actual springing stroke is:

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



VERSION 06 ... 13

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

C = 110 mm

Item	Force Kg	A	B	*C	D Ø	F Ø	L	For vacuum cup item	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: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

* Also available with height C of 110 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 = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$