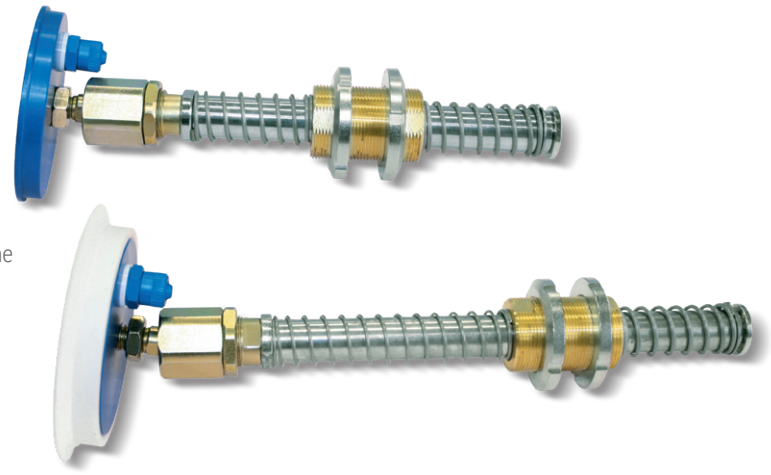
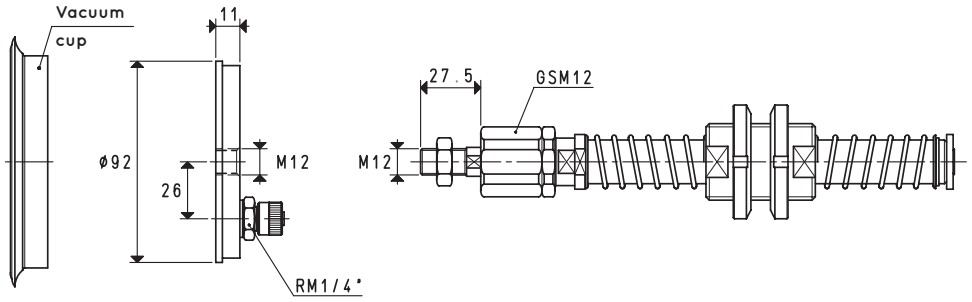
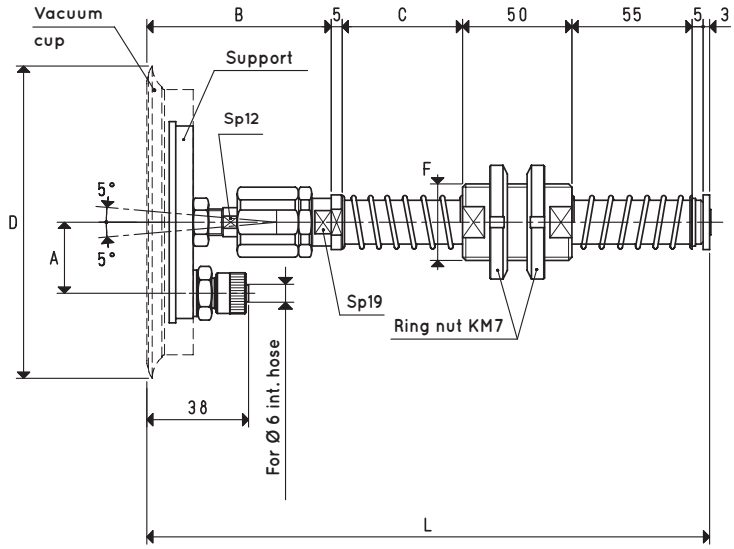
SPECIAL ARTICULATED VACUUM CUP HOLDERS WITH DOUBLE SPRINGING

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







VERSION 06 110 14

VACUUM CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8 **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
06 110 14	23.74	26	77	55	114	M35 x 1.5	250	01 110 10	00 06 14	1.29	1.39

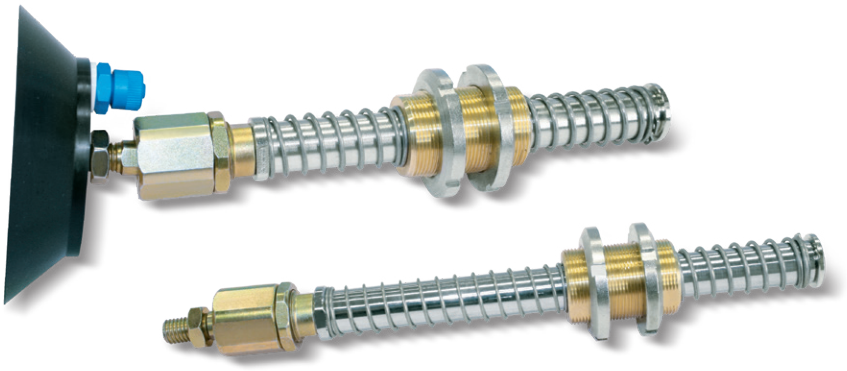
Note: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.
* Also available with height C of 110 mm

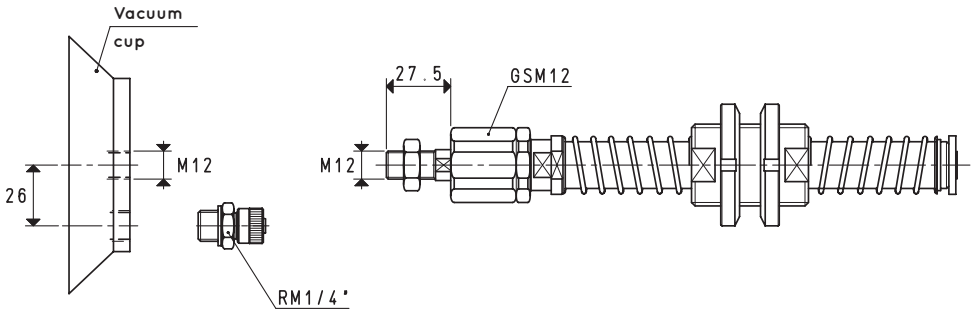
Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

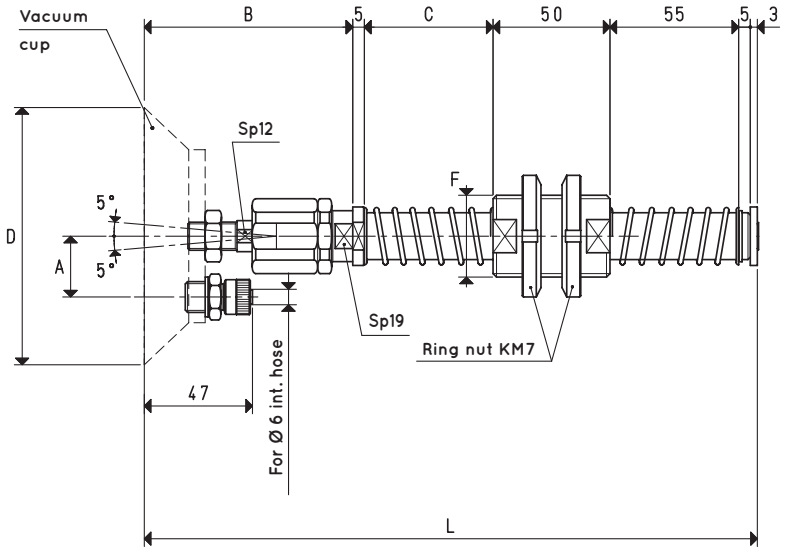
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

SPECIAL ARTICULATED 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 18

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

Item	Force Kg	A	B	*C	D Ø	F Ø	L	For vacuum cup item	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

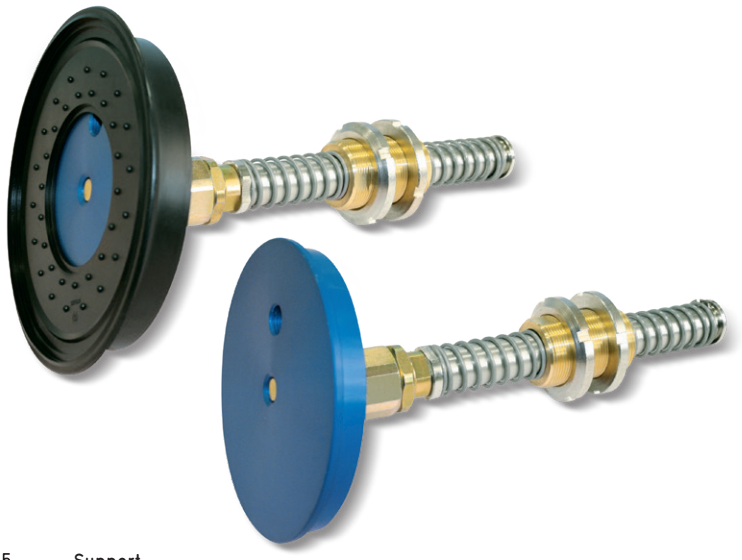
Note: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.
* Also available with height C of 110 mm

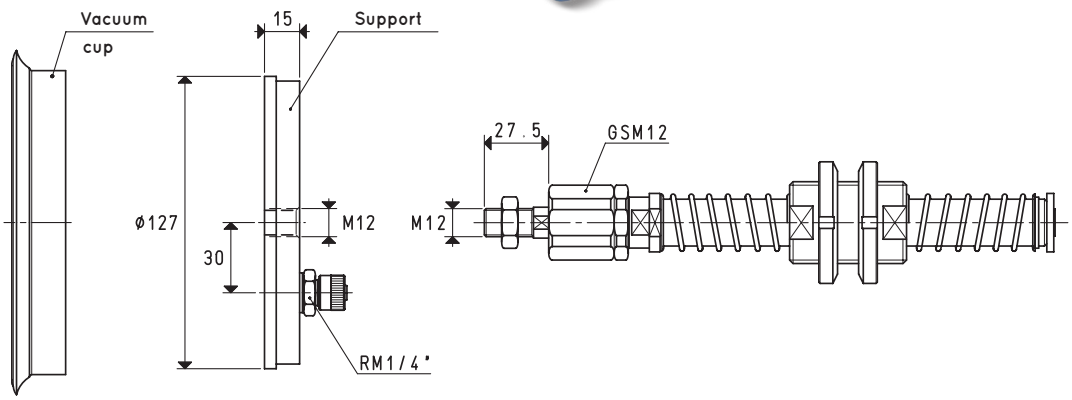
Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

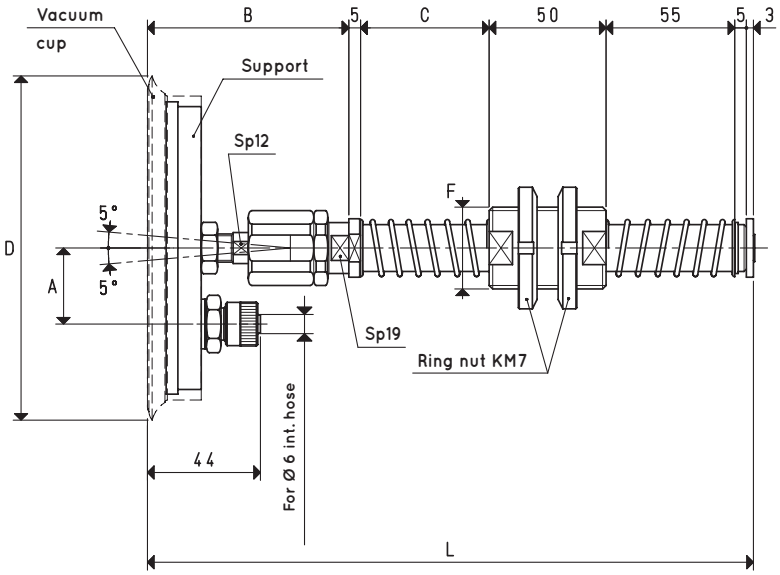
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

SPECIAL ARTICULATED 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 14

VACUUM CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8 — **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
06 150 14	45.00	30	83	55	154	M35 x 1.5	256	01 150 10	00 06 15	1.71	1.81

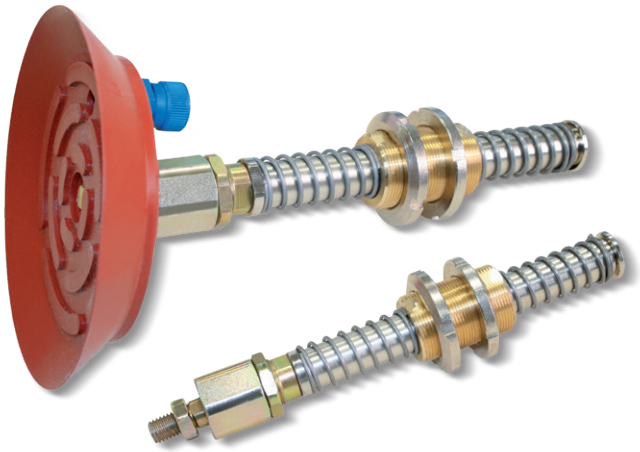
Note: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.
* Also available with height C of 110 mm

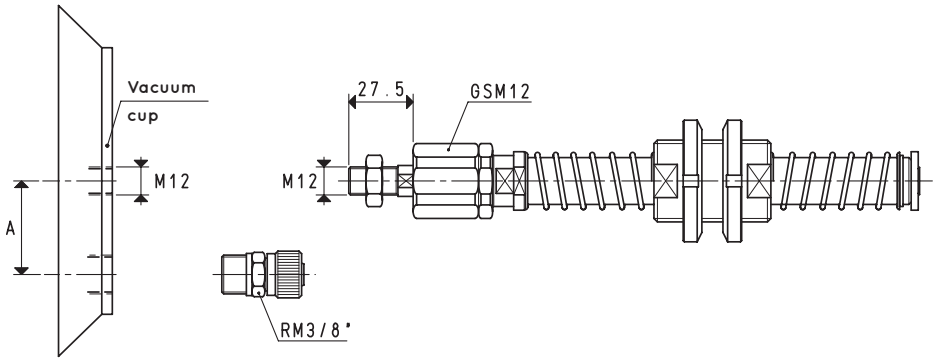
Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

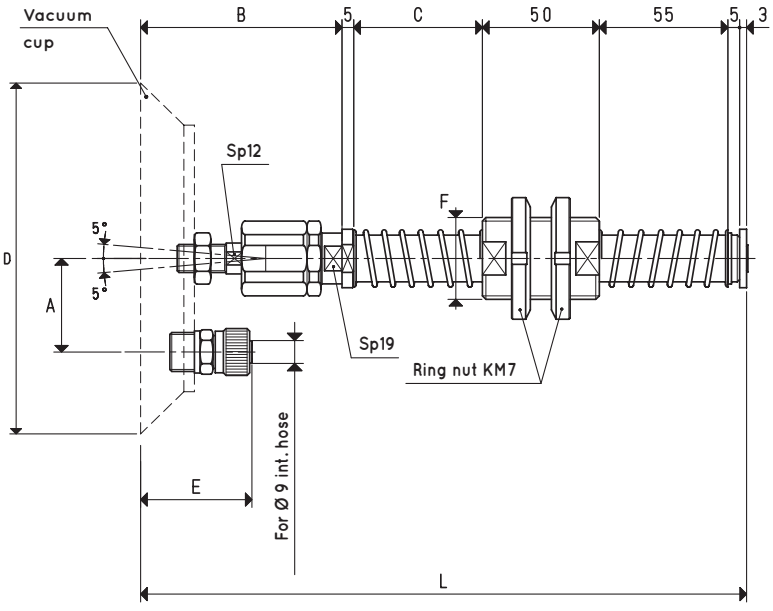
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

SPECIAL ARTICULATED 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	E	F Ø	L	For vacuum cup item	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

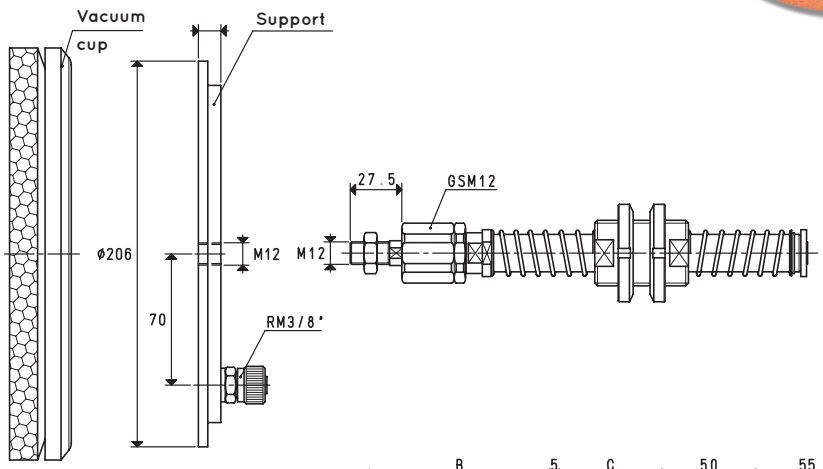
Note: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.
* Also available with height C of 110 mm

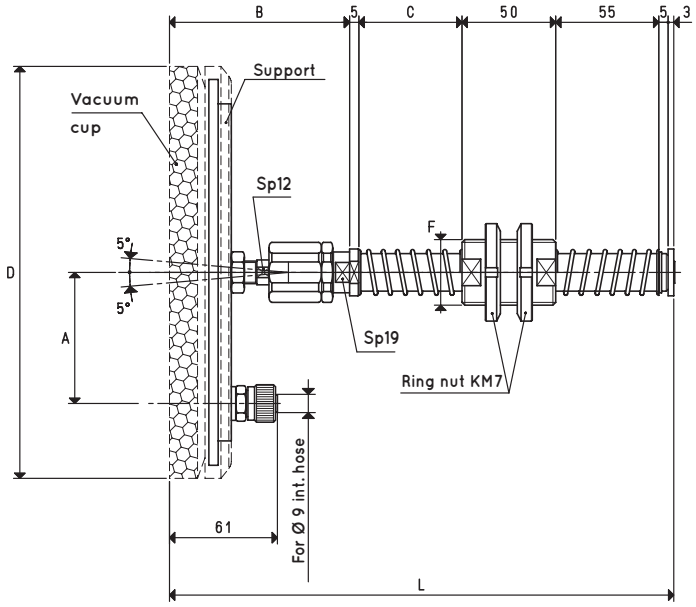
Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

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

SPECIAL ARTICULATED 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 14 ...

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 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

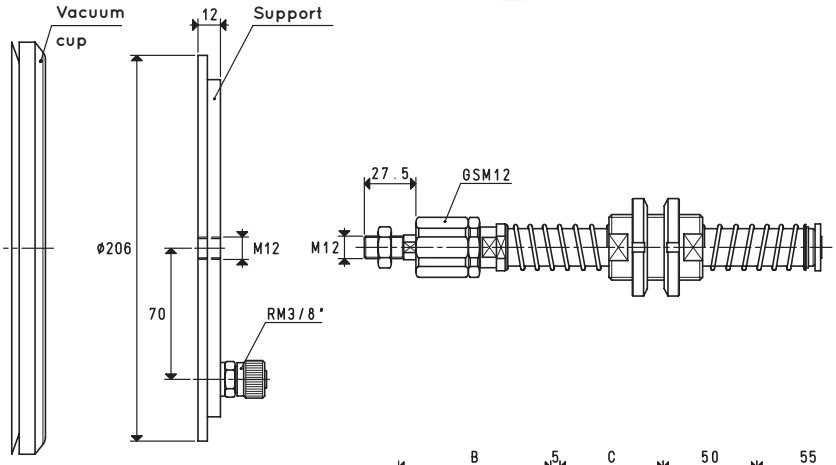
Note: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.
* Also available with height C of 110 mm

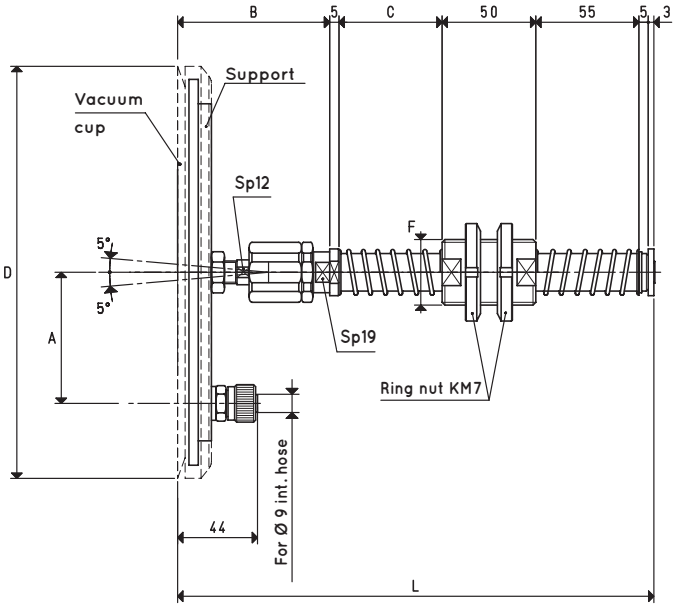
Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

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

SPECIAL ARTICULATED 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 14 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 14 A	78.5	70	80	55	220	M35 x 1.5	253	01 220 10 A	00 08 37	2.17	2.27

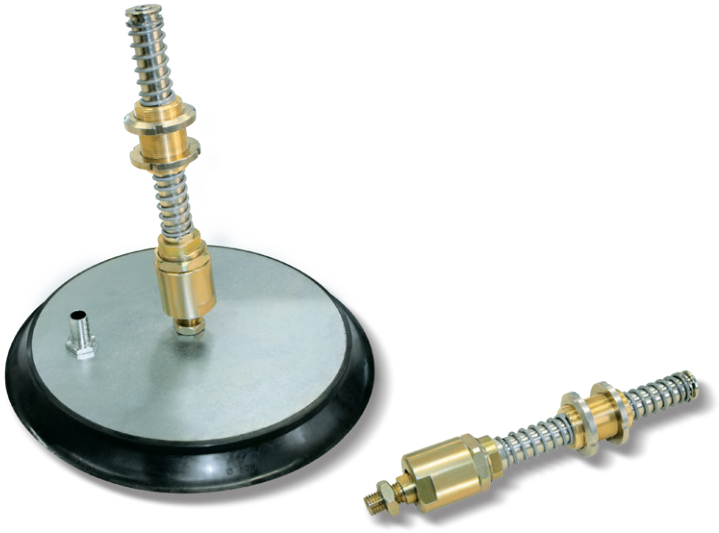
Note: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.
* Also available with height C of 110 mm

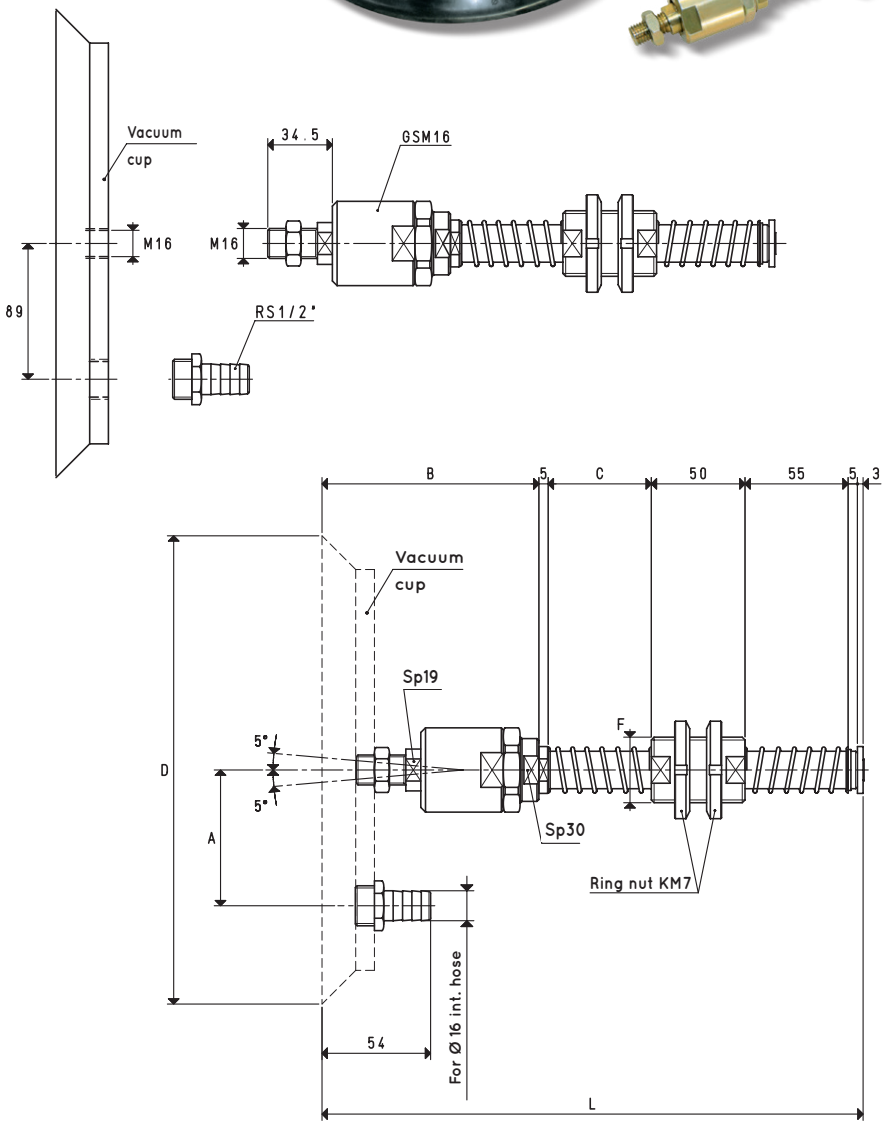
Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

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

SPECIAL ARTICULATED 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 ... 14

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