

SPECIAL VACUUM CUP HOLDERS WITH DOUBLE SPRINGING

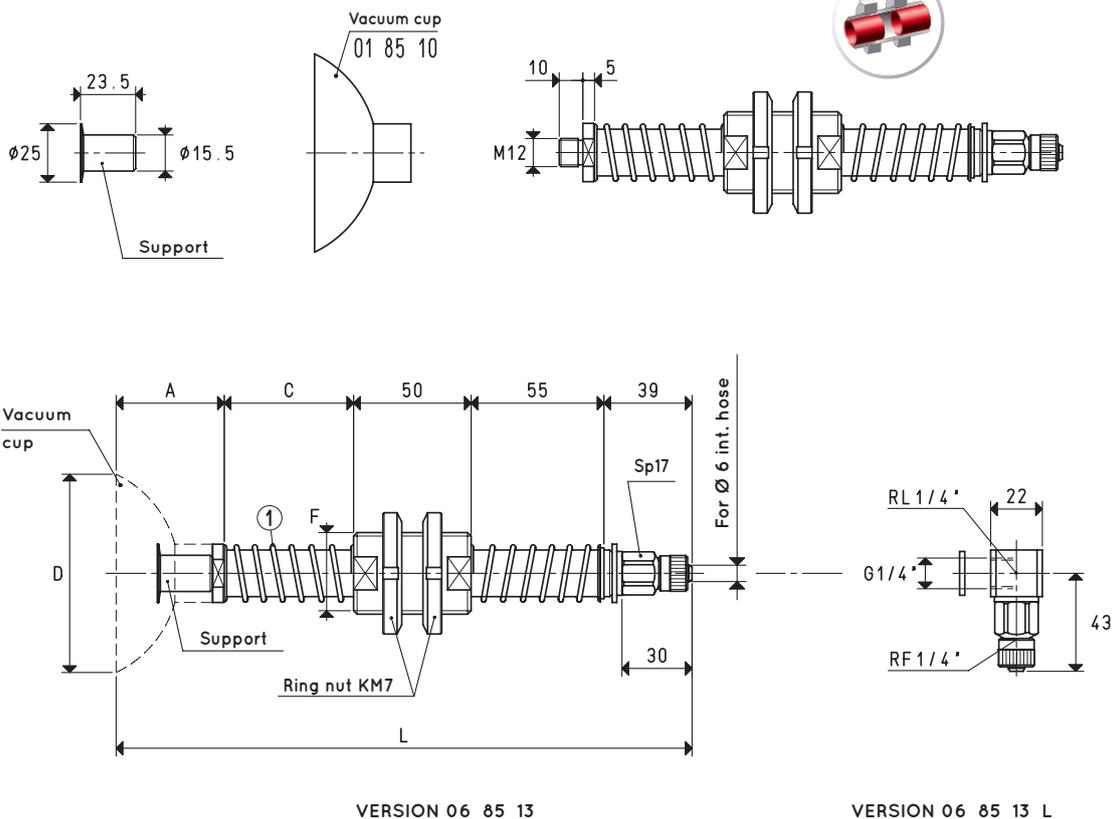
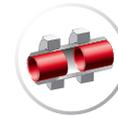
All the special vacuum cup holders previously described can also be provided in the double springing version. In this configuration, the cup holder fixing bush is located between two springs: the lower one cushions the impact of the cup with the load to be lifted during the approach phase, while the upper one absorbs the impact of the bush with the cup holder end and ensures gradual loading of the vacuum cup during the lifting phase. The use of this solution is especially recommended when the load to be handled is very heavy, rough or not perfectly flat.

They are composed of:

- A nickel-plated steel stem for fastening the vacuum cup;
- A threaded brass bush, equipped with two anti-friction bushings, fitted with two ring nuts for fastening the vacuum cup holder to the automation;
- Two springs designed to reduce and distribute impact: one serves to cushion the impact of the vacuum cup with the load to be lifted, the other to cushion the impact of the bush against the end of the vacuum cup holder;
- A safety washer;
- A quick coupling for connection with the suction hose.



Equipped with anti-friction bushes



VERSION 06 85 13

VERSION 06 85 13 L

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

Item	*C	Actual spring stroke mm	Spring thrust force N (1)	A	D Ø	F Ø	L	For vacuum cup item	Support included item	Weight Kg
06 85 13	55	37	70.63	46	85	M35 x 1.5	245	01 85 10	00 08 29	0.83
	110	84	35.31	46	85	M35 x 1.5	300	01 85 10	00 08 29	0.96

Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.

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

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

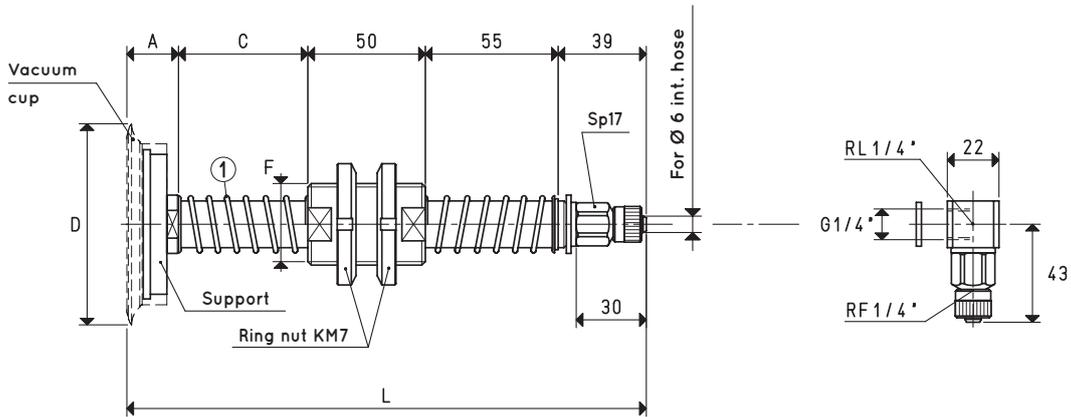
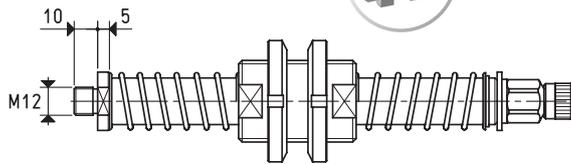
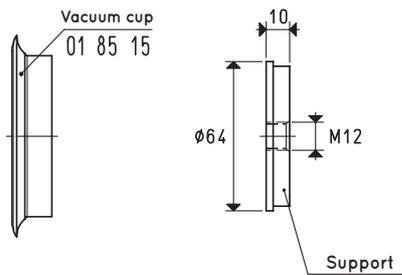
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- A safety washer;
- A quick coupling for connection with the suction hose.



Equipped with anti-friction bushes



VERSION 06 85 17

VERSION 06 85 17 L

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

Item	*C	Actual spring stroke mm	Spring thrust force N (1)	A	D ϕ	F ϕ	L	For vacuum cup item	Support included item	Weight Kg
06 85 17	55	37	70.63	22	85	M35 x 1.5	221	01 85 15	00 08 32	0.87
	110	84	35.31	22	85	M35 x 1.5	276	01 85 15	00 08 32	1.01

Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.

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* Also available with height C of 110 mm

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

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SPECIAL VACUUM CUP HOLDERS WITH DOUBLE SPRINGING

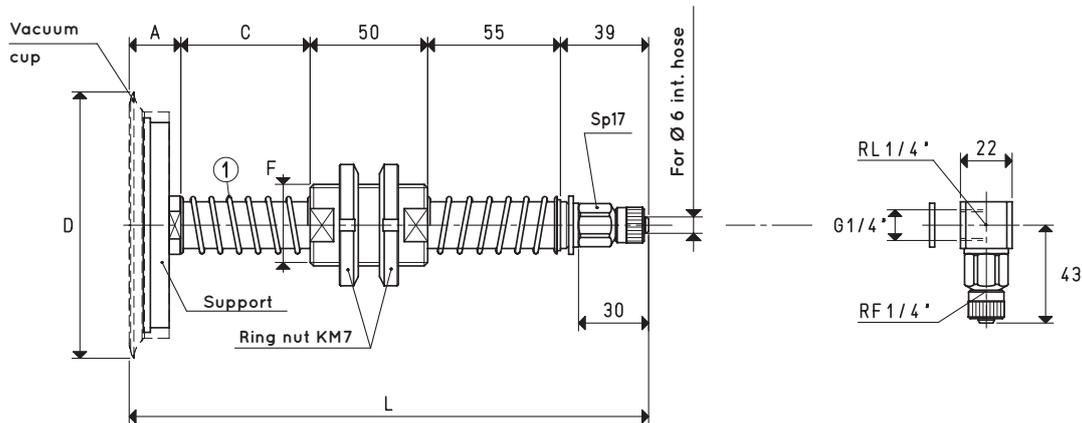
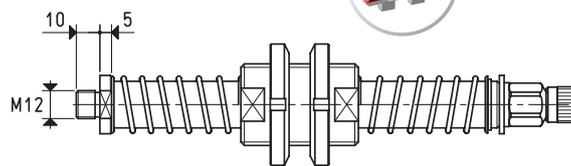
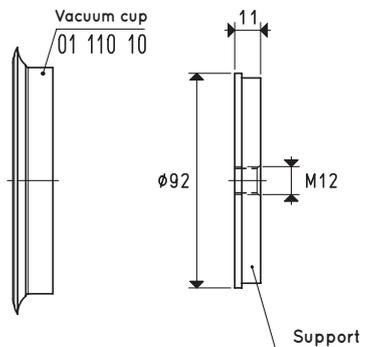
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- A safety washer;
- A quick coupling for connection with the suction hose.



Equipped with anti-friction bushings



VERSION 06 110 13

VERSION 06 110 13 L

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

Item	*C	Actual spring stroke mm	Spring thrust force N (1)	A	D Ø	F Ø	L	For vacuum cup item	Support included item	Weight Kg
06 110 13	55	37	70.63	22	114	M35 x 1.5	221	01 110 10	00 08 33	1.01
	110	84	35.31	22	114	M35 x 1.5	276	01 110 10	00 08 33	1.14

Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.

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

* Also available with height C of 110 mm

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

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SPECIAL VACUUM CUP HOLDERS WITH DOUBLE SPRINGING

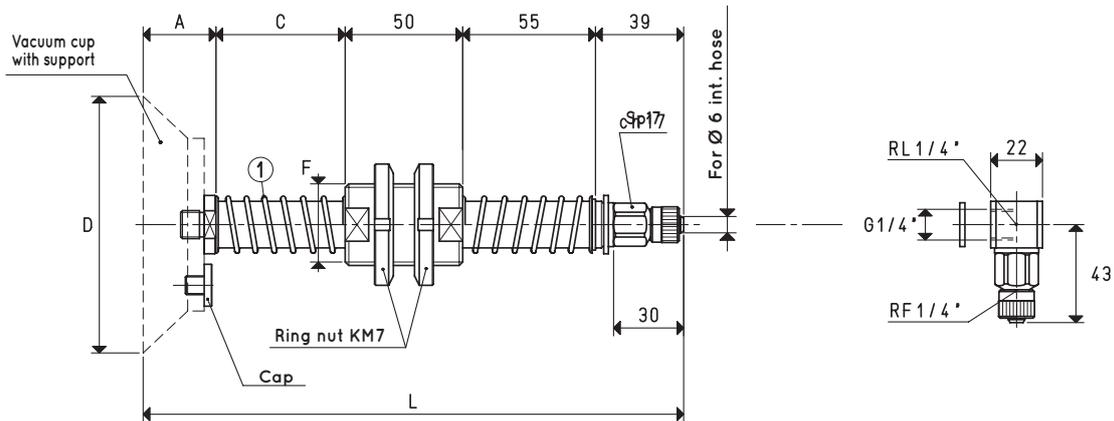
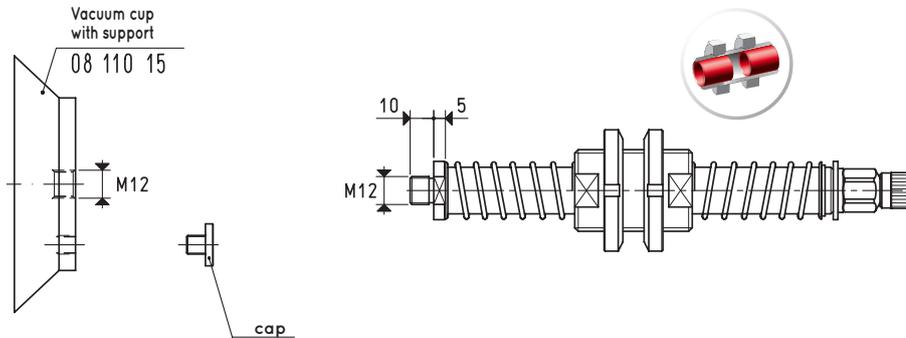
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- A safety washer;
- A quick coupling for connection with the suction hose.



Equipped with anti-friction bushings



VERSION 06 110 16

VERSION 06 110 16 L

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

Item	*C	Actual spring stroke mm	Spring thrust force N (1)	A	D Ø	F Ø	L	For vacuum cup item	Cap included item	Weight Kg
06 110 16	55	37	70.63	31	110	M35 x 1.5	230	08 110 15	00 11 06	0.77
	110	84	35.31	31	110	M35 x 1.5	285	08 110 15	00 11 06	0.90

Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.

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

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

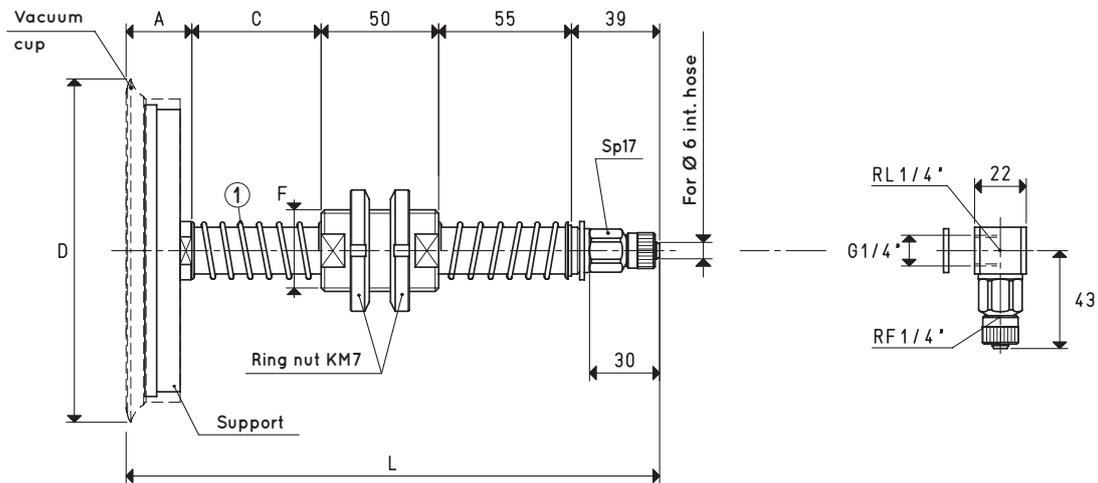
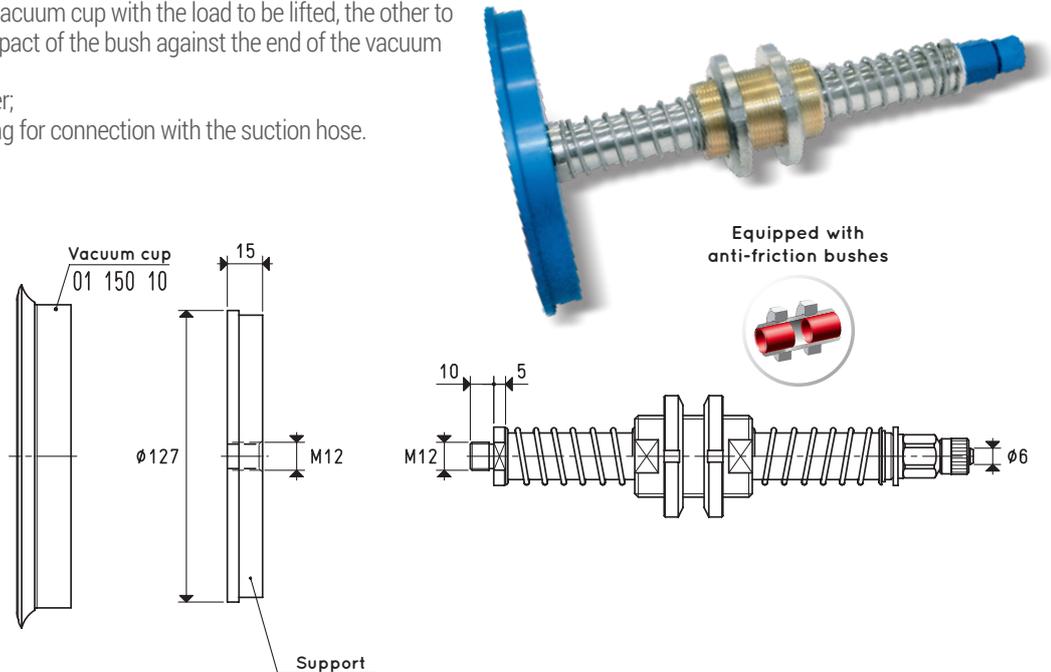
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- Two springs designed to reduce and distribute impact: one serves to cushion the impact of the vacuum cup with the load to be lifted, the other to cushion the impact of the bush against the end of the vacuum cup holder;
- A safety washer;
- A quick coupling for connection with the suction hose.



VERSION 06 150 13

VERSION 06 150 13 L

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

Item	*C	Actual spring stroke mm	Spring thrust force N (1)	A	D Ø	F Ø	L	For vacuum cup item	Support included item	Weight Kg
06 150 13	55	37	70.63	28	154	M35 x 1.5	227	01 150 10	00 08 35	1.35
	110	84	35.31	28	154	M35 x 1.5	282	01 150 10	00 08 35	1.46

Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.

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

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

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SPECIAL VACUUM CUP HOLDERS WITH DOUBLE SPRINGING

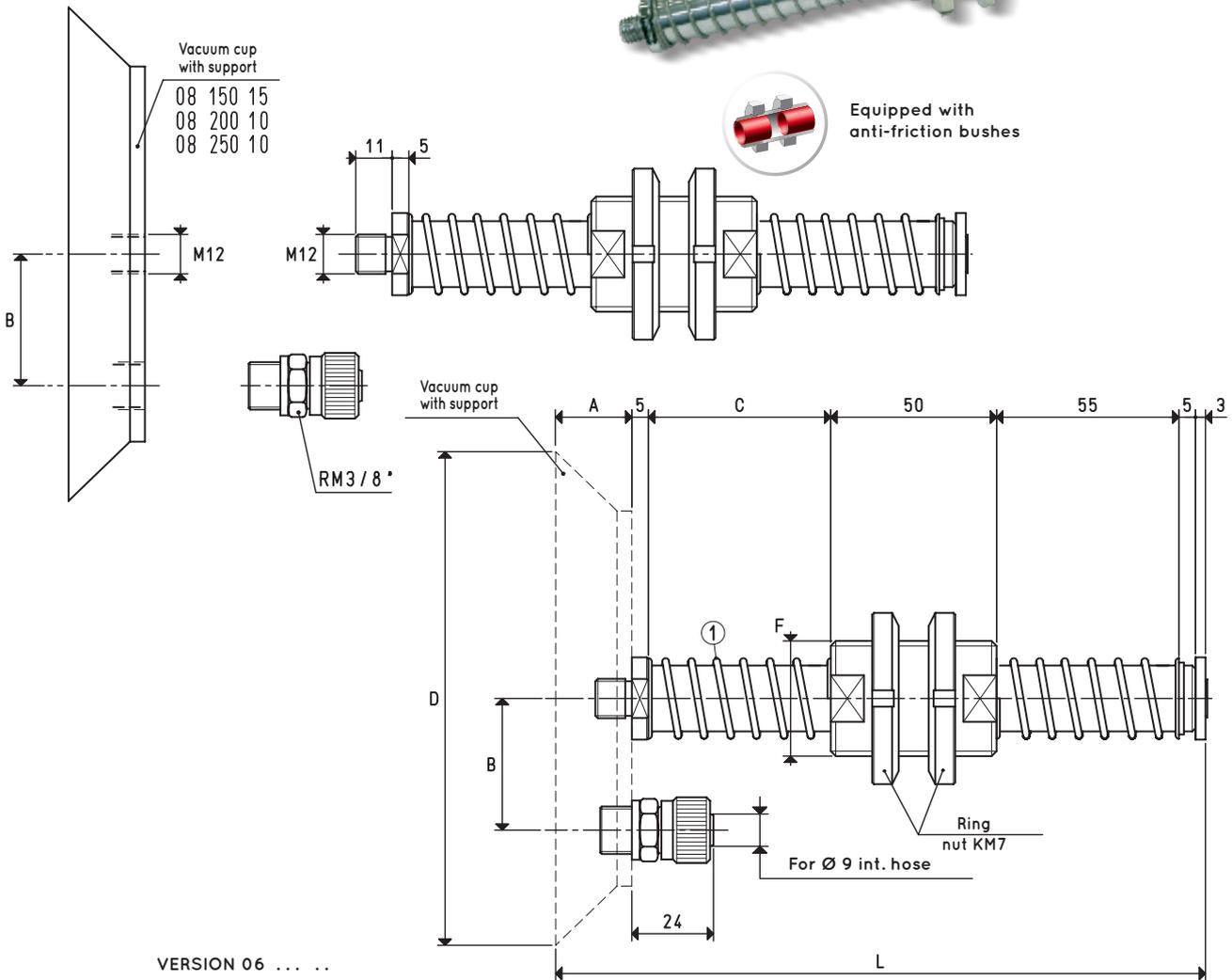
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- A safety washer;
- A quick coupling for connection with the suction hose.



Equipped with anti-friction bushings



VERSION 06 ...

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

Item	*C	Actual spring stroke mm	Spring thrust force N (1)	A	B	D Ø	F Ø	L	For vacuum cup item	Weight kg
06 150 18	55	37	70.63	26	40.0	150	M35 x 1.5	199	08 150 15	0.82
	110	84	35.31	26	40.0	150	M35 x 1.5	254	08 150 15	0.96
06 200 13	55	37	70.63	28	47.5	200	M35 x 1.5	201	08 200 10	0.83
	110	84	35.31	28	47.5	200	M35 x 1.5	256	08 200 10	0.98
06 250 13	55	37	70.63	28	72.5	250	M35 x 1.5	201	08 250 10	0.83
	110	84	35.31	28	72.5	250	M35 x 1.5	256	08 250 10	0.97

Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.

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* Also available with height C of 110 mm

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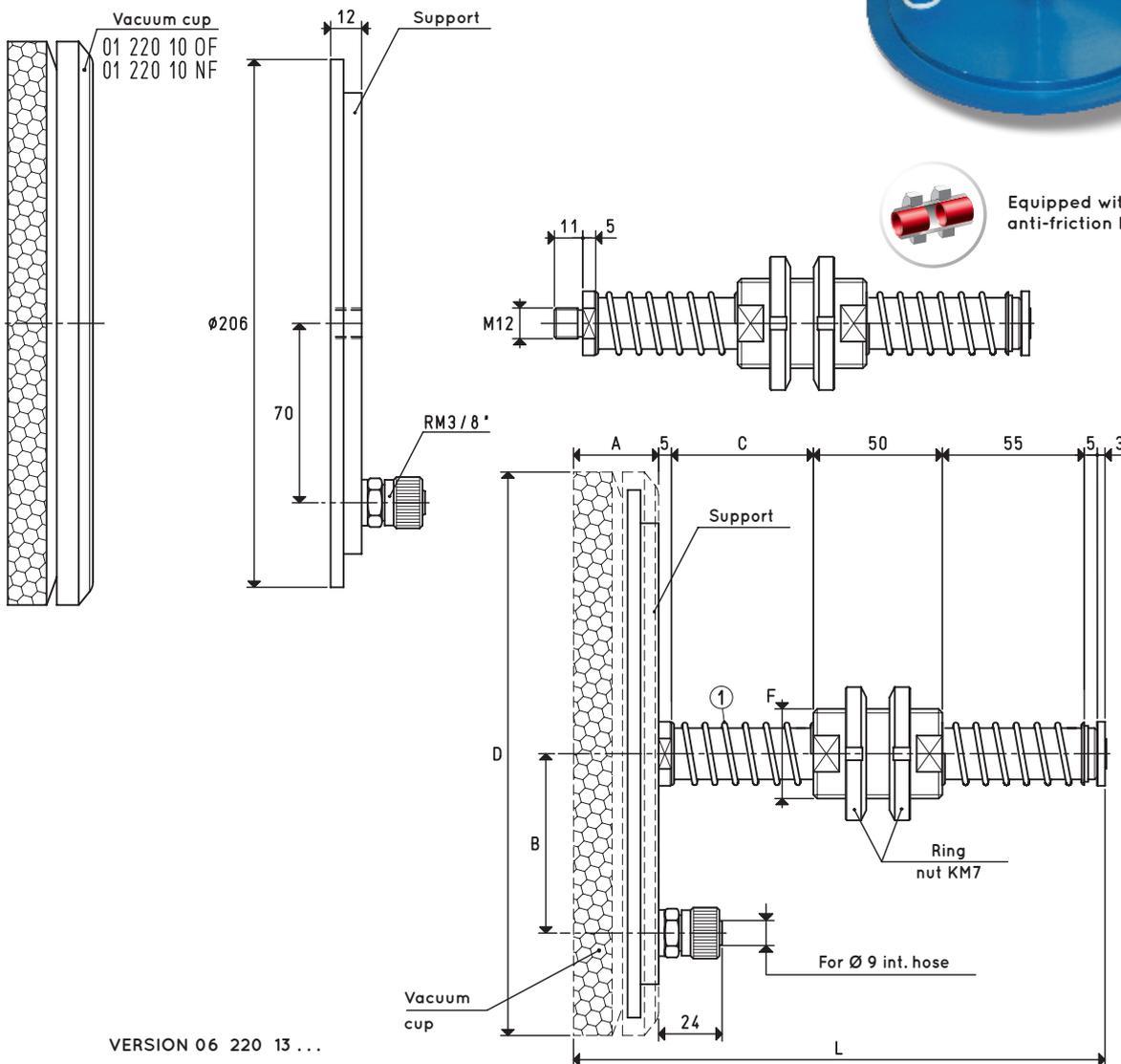
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- A safety washer;
- A quick coupling for connection with the suction hose.



Equipped with anti-friction bushings



VERSION 06 220 13 ...

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

Item	*C	Actual spring stroke mm	Spring thrust force N (1)	A	B	D Ø	F Ø	L	For vacuum cup item	Support included item	Weight kg
06 220 13 OF	55	37	70.63	35	70	220	M35 x 1.5	208	01 220 10 OF	00 08 37	2.01
	110	84	35.31	35	70	220	M35 x 1.5	263	01 220 10 OF	00 08 37	2.15
06 220 13 NF	55	37	70.63	35	70	220	M35 x 1.5	208	01 220 10 NF	00 08 37	2.00
	110	84	35.31	35	70	220	M35 x 1.5	263	01 220 10 NF	00 08 37	2.14

Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.

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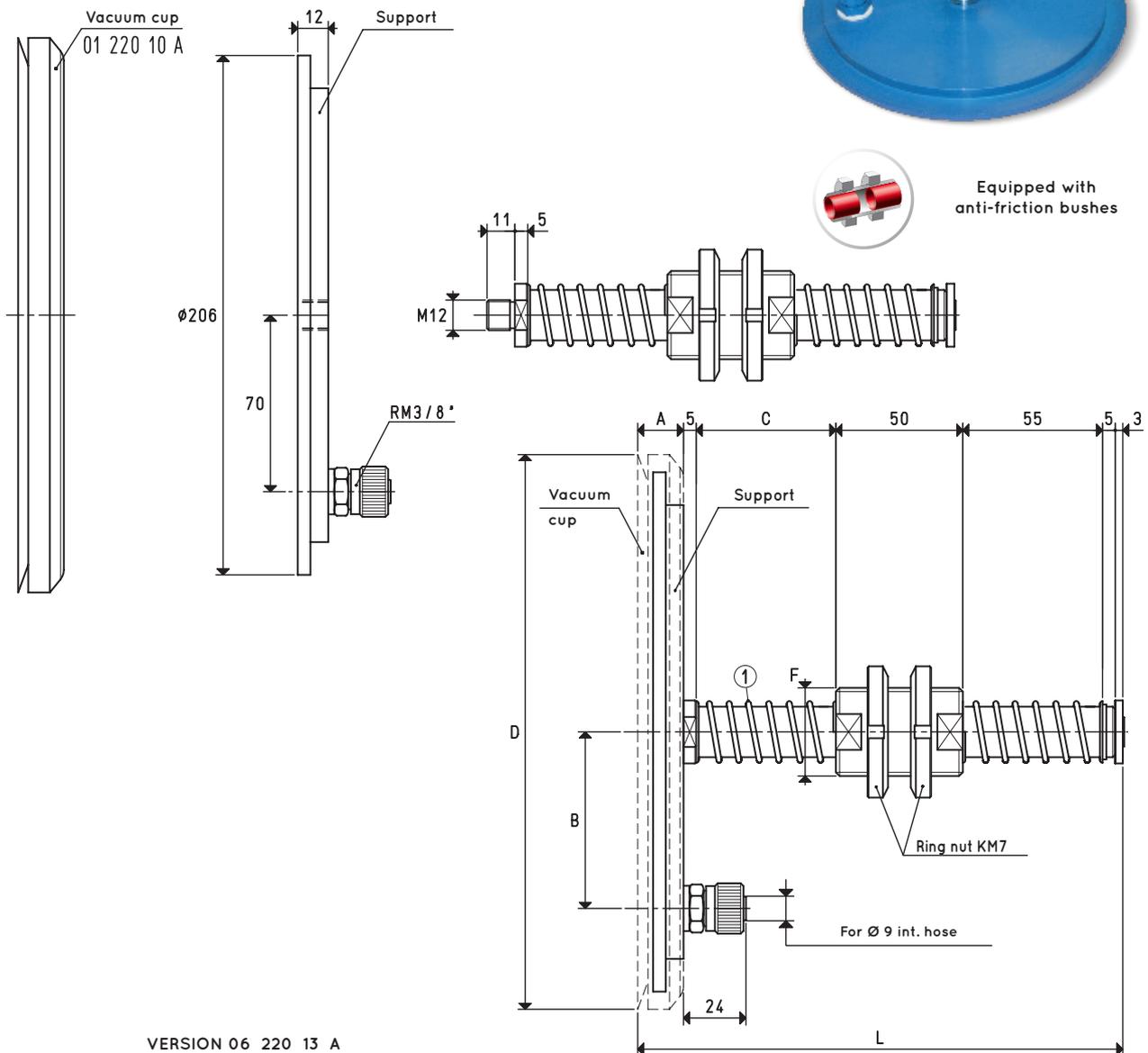
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- Two springs designed to reduce and distribute impact: one serves to cushion the impact of the vacuum cup with the load to be lifted, the other to cushion the impact of the bush against the end of the vacuum cup holder;
- A safety washer;
- A quick coupling for connection with the suction hose.



VERSION 06 220 13 A

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

Item	*C	Actual spring stroke mm	Spring thrust force N (1)	A	B	D Ø	F Ø	L	For vacuum cup item	Support included item	Weight kg
06 220 13 A	55	37	70.63	20	70	220	M35 x 1.5	193	01 220 10 A	00 08 37	1.96
	110	84	35.31	20	70	220	M35 x 1.5	248	01 220 10 A	00 08 37	2.09

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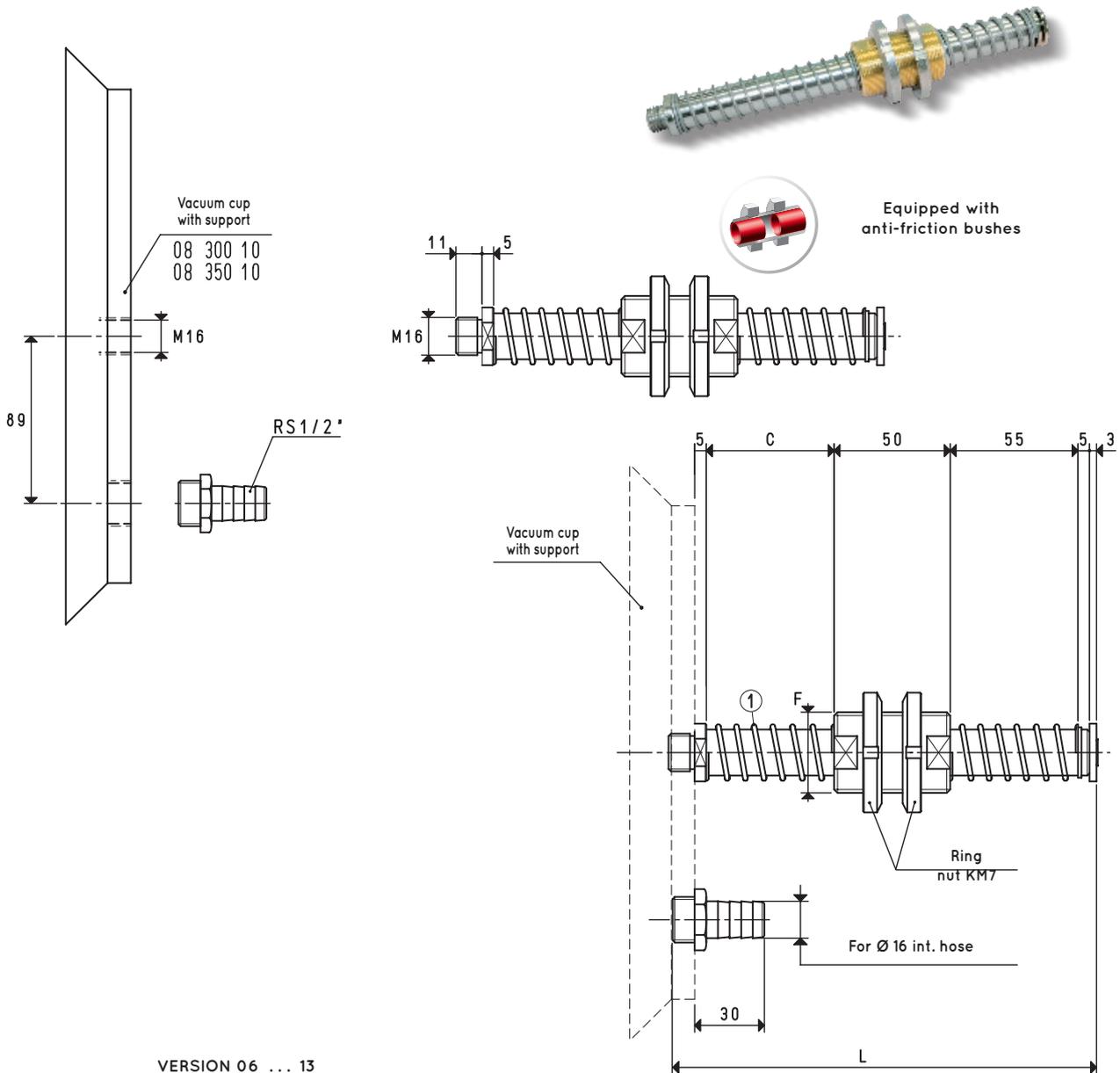
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- Two springs designed to reduce and distribute impact: one serves to cushion the impact of the vacuum cup with the load to be lifted, the other to cushion the impact of the bush against the end of the vacuum cup holder;
- A safety washer;
- A hose connector for connection with the suction hose.



VERSION 06 ... 13

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

Item	*C	Actual spring stroke mm	Spring thrust force N (1)	F Ø	L	Weight Kg
06 300 13	55	37	70.63	M35 x 1.5	204	0.870
	110	84	35.31	M35 x 1.5	259	0.940
For vacuum cup item						
08 300 10						
08 350 10						

Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.

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* Also available with height C of 110 mm

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