



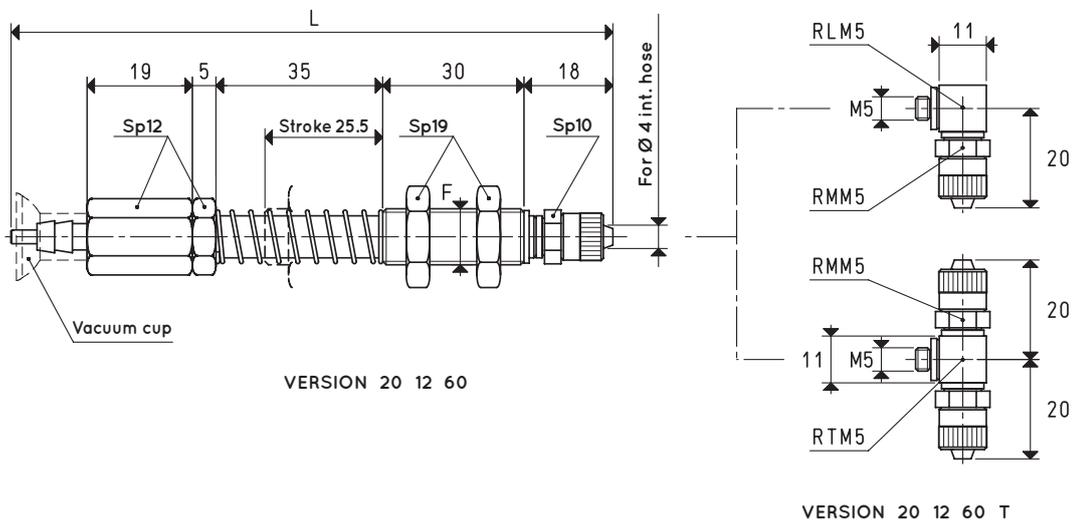
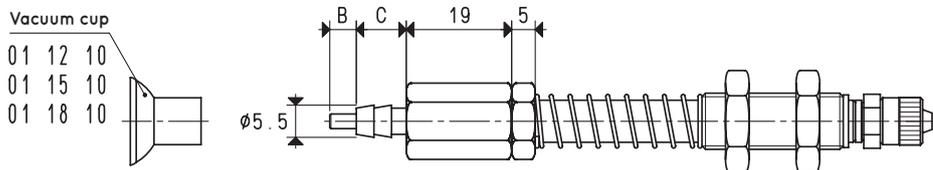
MINI VACUUM CUP HOLDERS WITH PLUNGER VALVE

They share the same mechanical features at the other mini vacuum cup holders.

Their distinctive feature is the 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.

They are composed of:

- A brass stem for fastening the cup;
- A threaded sleeve equipped with nuts, for mounting the vacuum up holder on the automation;
- A spring to cushion the impact of the cup and to, at the same time, maintain constant pressure with the load to be lifted;
- A quick coupling for connection with the suction hose;
- A solidly connected plunger valve with a conical shutter.



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

Item	Spring thrust force N	B	C	F Ø	L	Weight g
20 12 60	8.82	4.5	8.5	M12 x 1.25	120	78.0
For vacuum cup item						
01 12 10 - 01 15 10 - 01 18 10						

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 or T fittings, add the letter L or T to the code.

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

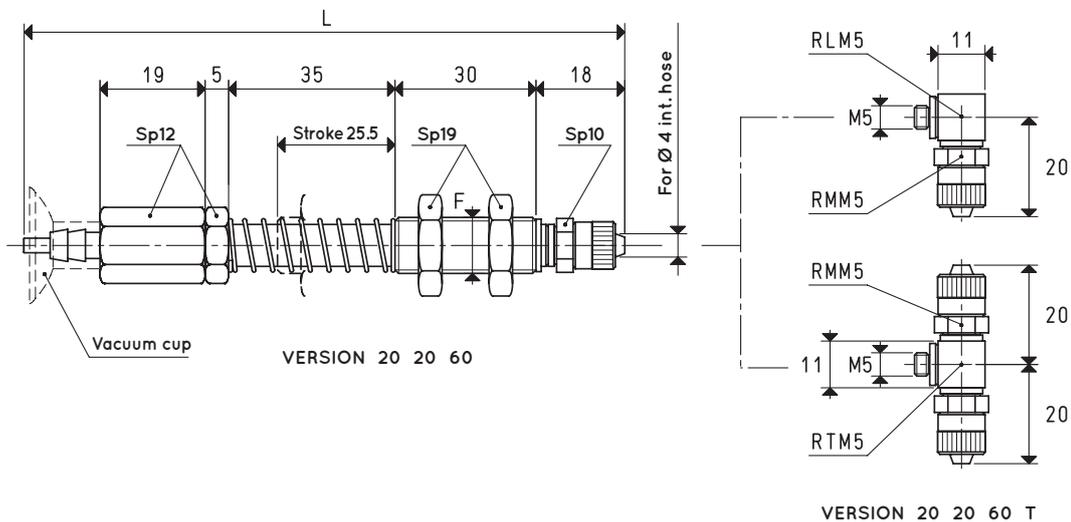
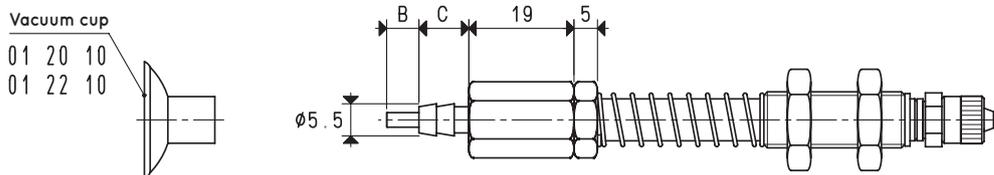
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VACUUM CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Item	Spring thrust force N	B	C	F Ø	L	Weight g
20 20 60	8.82	5.5	8.5	M12 x 1.25	121	79.6
For vacuum cup item						
01 20 10 - 01 22 10						

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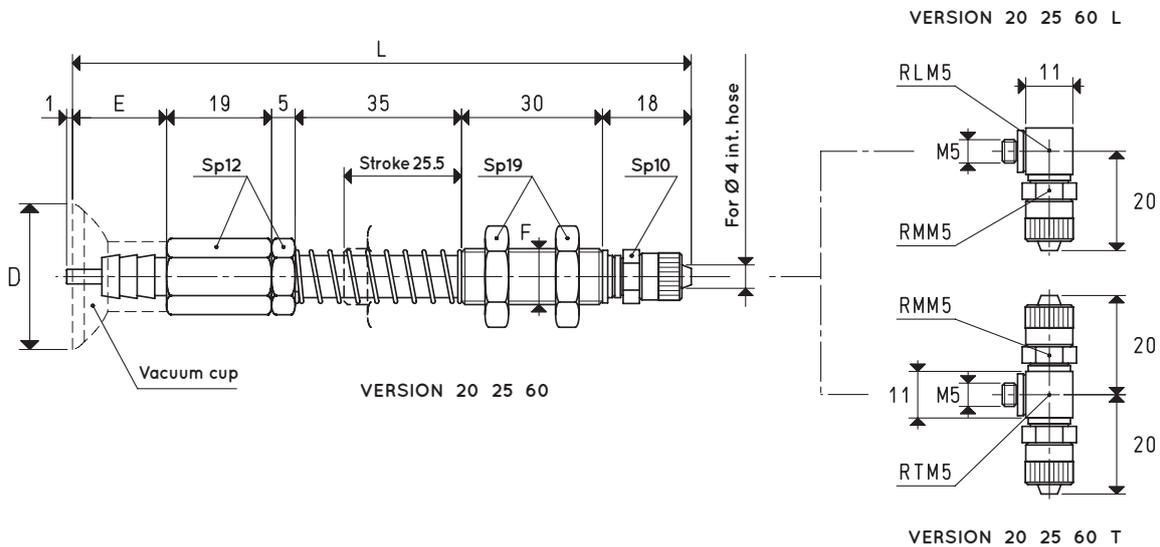
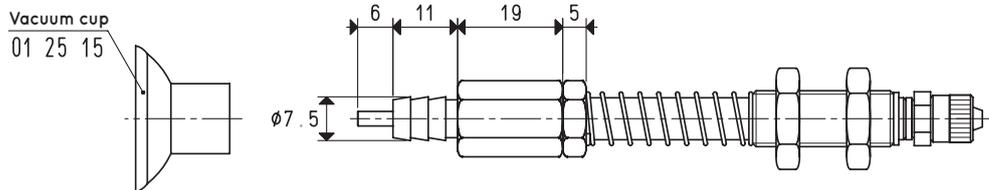
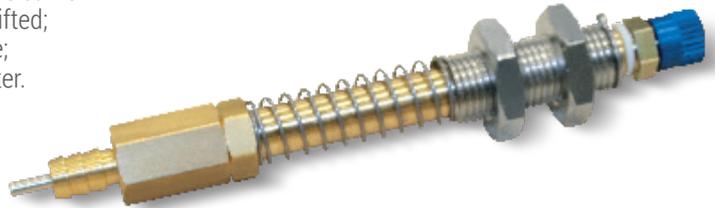
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- A solidly connected plunger valve with a conical shutter.



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

Item	Spring thrust force N	D Ø	E	F Ø	L	For vacuum cup item	Weight g
20 25 60	8.82	25	16	M12 x 1.25	124	01 25 15	83.4

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

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.

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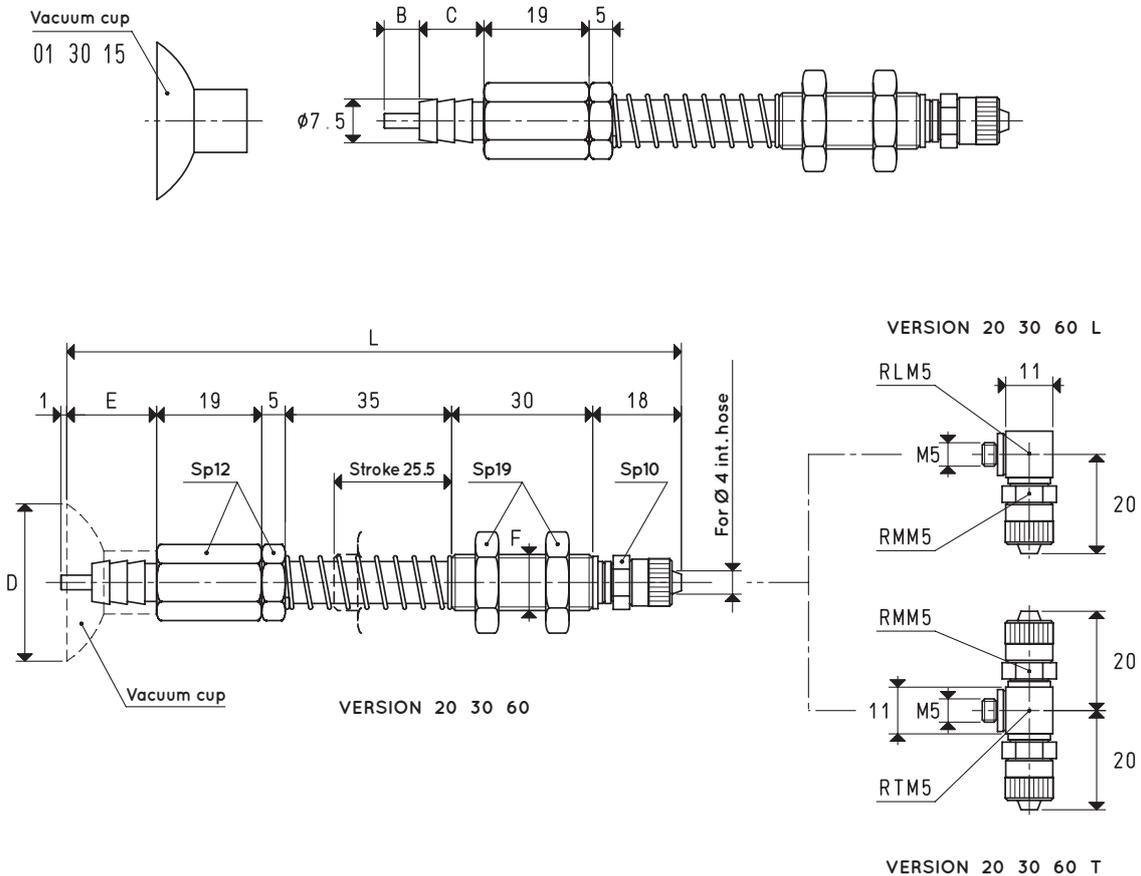
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VACUUM CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Item	Spring thrust force N	B	C	D Ø	E	F Ø	L	For vacuum cup item	Weight g
20 30 60	8.82	7	11	30	17	M12 x 1.25	125	01 30 15	84.0

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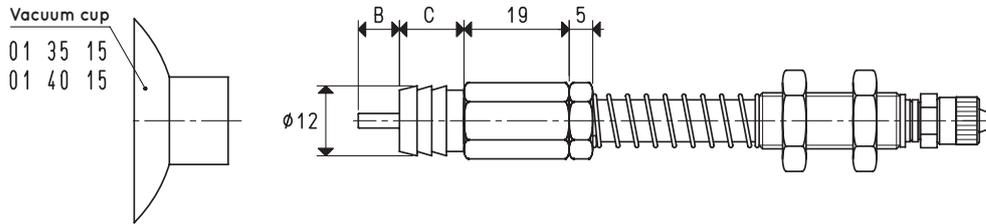
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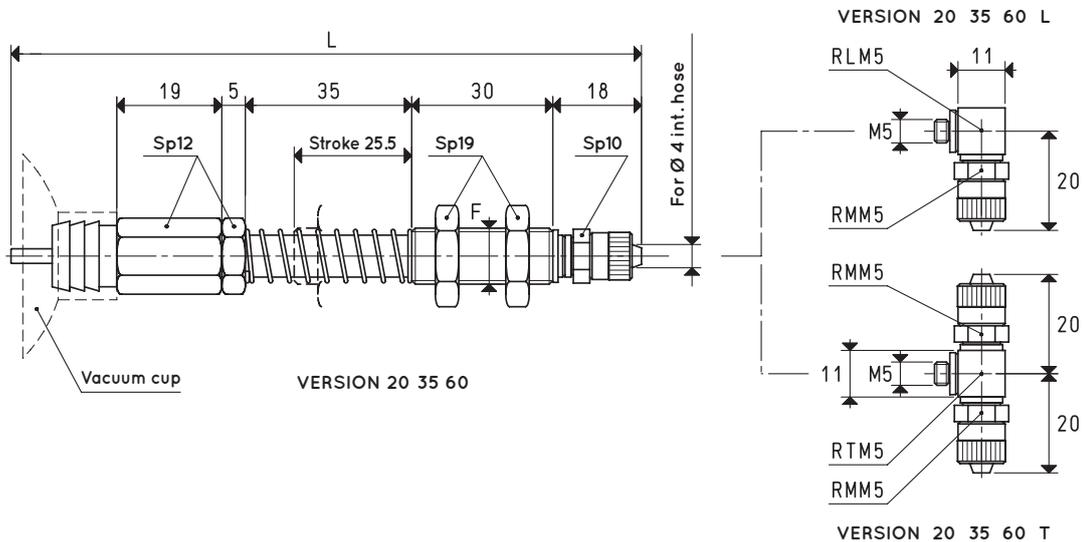
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Vacuum cup
01 35 15
01 40 15



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

Item	Spring thrust force N	B	C	F Ø	L	Weight g
20 35 60	8.82	7	11	M12 x 1.25	125	88.0
For vacuum cup item						
01 35 15 - 01 40 15						

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