



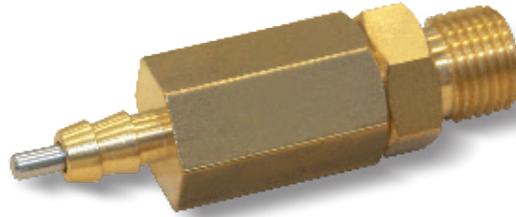
## MINI VACUUM CUP HOLDERS WITH PLUNGER VALVE WITH NO SPRINGING

They have the same function as the mini vacuum cup holders with plunger valve but, for further bulk reduction, the cushioning spring, the threaded pipe with nuts for fixing to the automation and the quick coupler have been removed.

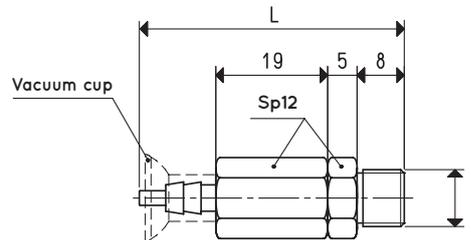
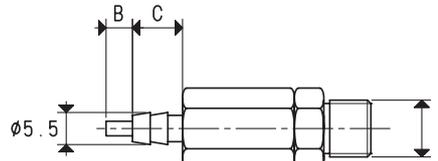
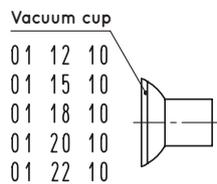
This type of cup holder is to be directly assembled to the vacuum manifold. To allow quick assembly, its end is provided with a threaded male shank.

They are composed of:

- A brass stem for fastening the cup;
- A plunger valve solidly connected to a conical spear valve, which activates suction and therefore creates a vacuum, only when the cup is in contact with the load to be lifted.



VERSION 20 12 61



Item	B	C	F Ø	L	Weight g
20 12 61	4.5	8.5	G1/8"	45	24.0
<b>For vacuum cup item</b>					
01 12 10 - 01 15 10 - 01 18 10 - 01 20 10 - 01 22 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.

## MINI VACUUM CUP HOLDERS WITH NO SPRINGING

They have the same function as the mini vacuum cup holders with plunger valve but, for further bulk reduction, the cushioning spring, the threaded pipe with nuts for fixing to the automation and the quick coupler have been removed.

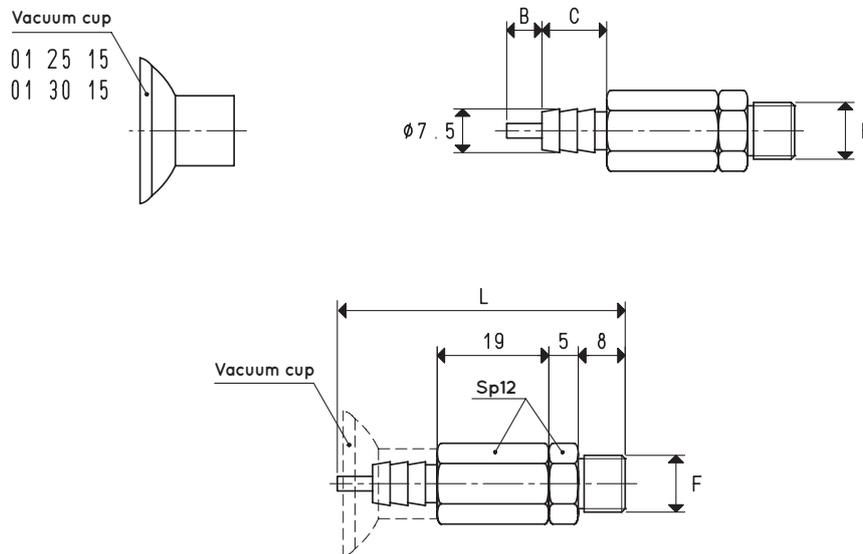
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VERSION 20 25 61



Item	B	C	F Ø	L	Weight g
20 25 61	6	11	G1/8"	49	24.0
<b>For vacuum cup item</b>					
01 25 15 - 01 30 15					

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.

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

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



## MINI VACUUM CUP HOLDERS WITH NO SPRINGING

They have the same function as the mini vacuum cup holders with plunger valve but, for further bulk reduction, the cushioning spring, the threaded pipe with nuts for fixing to the automation and the quick coupler have been removed.

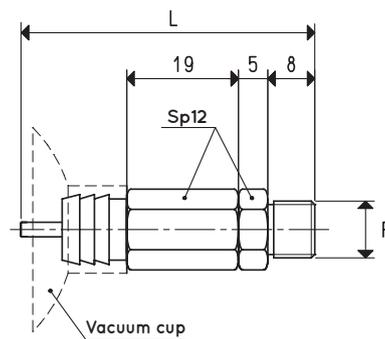
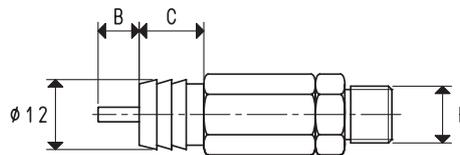
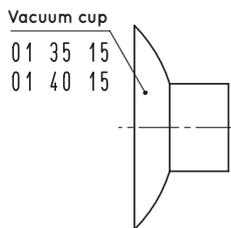
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- A plunger valve solidly connected to a conical spear valve, which activates suction and therefore creates a vacuum, only when the cup is in contact with the load to be lifted.



VERSION 20 35 61



Item	B	C	F Ø	L	Weight g
20 35 61	7	11	G1/8"	50	32.0
<b>For vacuum cup item</b>					
01 35 15 - 01 40 15					

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.

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

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