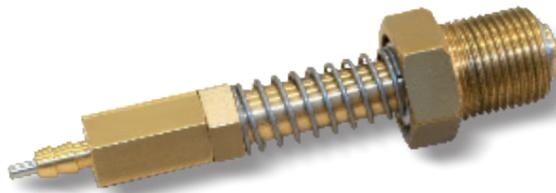
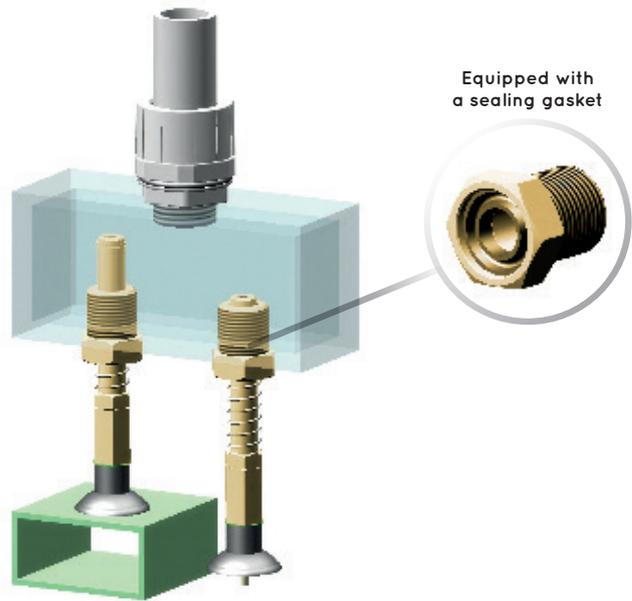


MINI VACUUM CUP HOLDERS WITH PLUNGER VALVE AND BUILT-IN BUSH

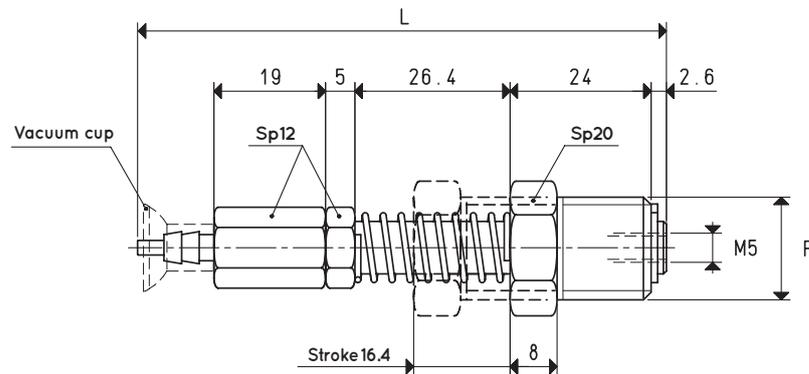
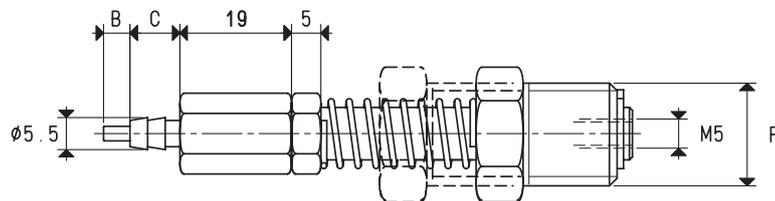
The vacuum cup holders shown on this page and the following pages are characterised by their very compact size. They feature a hexagonal threaded bush, which allows them to be assembled directly to the vacuum manifold, with considerable savings in terms of pipes and fittings. They are composed of:

- A brass stem for fastening the cup;
- 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 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;
- The hexagonal threaded bush for cup holder assembly with the vacuum manifold is equipped with a seal and has the task of driving and holding the brass stem for fixing the vacuum cup.



VERSION 20 12 65

Vacuum cup
01 12 10
01 15 10
01 18 10
01 20 10
01 22 10



Item	Spring thrust force N	B	C	F Ø	L	Weight g
20 12 65	18.63	4.5	8.5	G3/8"	90	75.9
For vacuum cup item						
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.

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

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

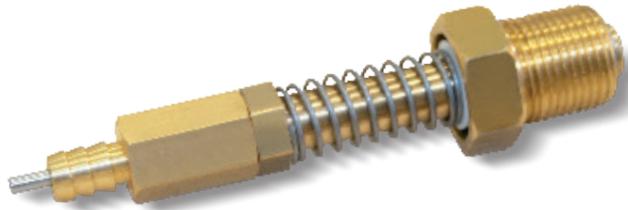


MINI VACUUM CUP HOLDERS WITH PLUNGER VALVE AND BUILT-IN BUSH

The vacuum cup holders shown on this page and the following pages are characterised by their very compact size. They feature a hexagonal threaded bush, which allows them to be assembled directly to the vacuum manifold, with considerable savings in terms of pipes and fittings.

They are composed of:

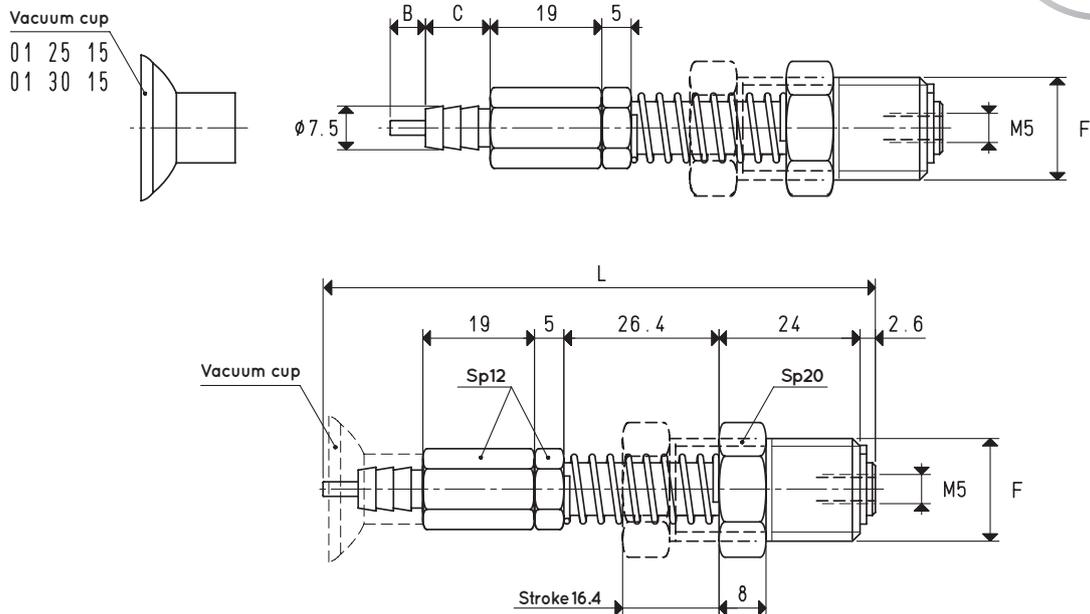
- A brass stem for fastening the cup;
- A spring to cushion the impact of the cup and to, at the same time, maintain constant pressure with the load to be lifted;
- A quick coupling for connection with the suction hose;
- A plunger valve solidly connected to a conical spear valve, which activates suction and therefore creates a vacuum, only when the cup is in contact with the load to be lifted;
- The hexagonal threaded bush for cup holder assembly with the vacuum manifold is equipped with a seal and has the task of driving and holding the brass stem for fixing the vacuum cup.



Equipped with a sealing gasket



VERSION 20 25 65



Item	Spring thrust force N	B	C	F Ø	L	Weight g
20 25 65	18.63	6	11	G3/8"	94	79.3
For vacuum cup item 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)

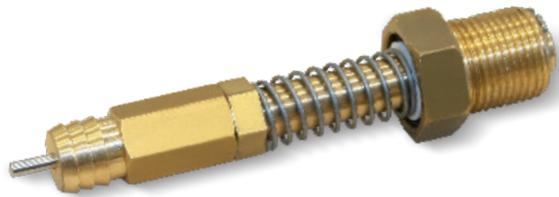
inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

MINI VACUUM CUP HOLDERS WITH PLUNGER VALVE AND BUILT-IN BUSH

The vacuum cup holders shown on this page and the following pages are characterised by their very compact size. They feature a hexagonal threaded bush, which allows them to be assembled directly to the vacuum manifold, with considerable savings in terms of pipes and fittings.

They are composed of:

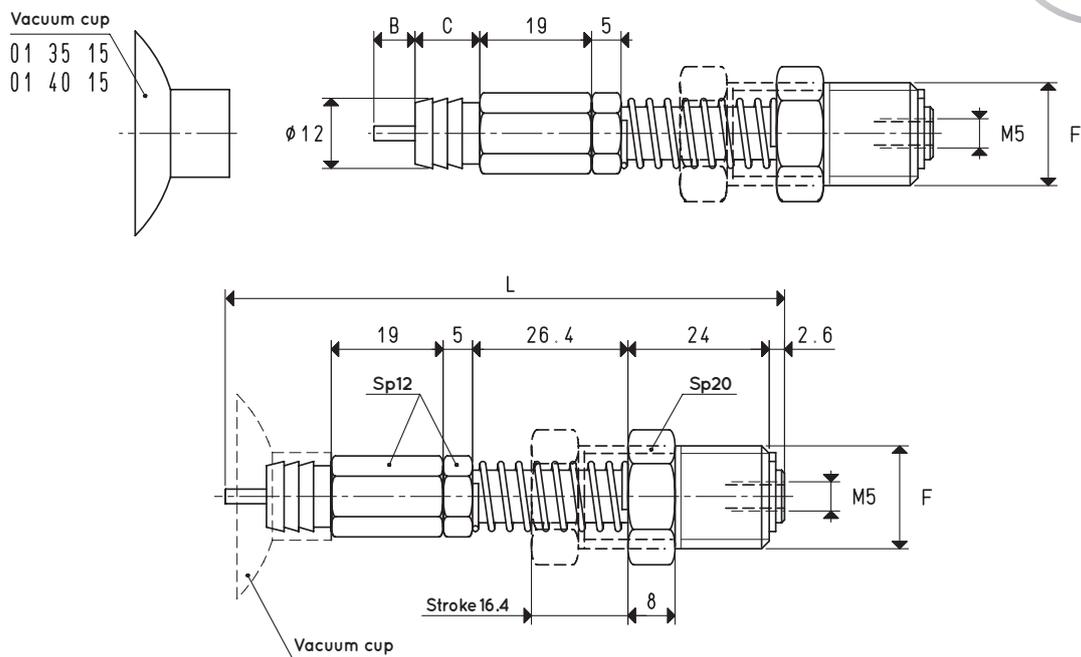
- A brass stem for fastening the cup;
- A spring to cushion the impact of the cup and to, at the same time, maintain constant pressure with the load to be lifted;
- A quick coupling for connection with the suction hose;
- A plunger valve solidly connected to a conical spear valve, which activates suction and therefore creates a vacuum, only when the cup is in contact with the load to be lifted;
- The hexagonal threaded bush for cup holder assembly with the vacuum manifold is equipped with a seal and has the task of driving and holding the brass stem for fixing the vacuum cup.



Equipped with a sealing gasket



VERSION 20 35 65



Item	Spring thrust force N	B	C	F Ø	L	Weight g
20 35 65	18.63	7	11	G3/8"	95	80.2
For vacuum cup item 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 = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$