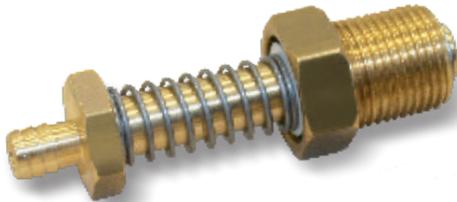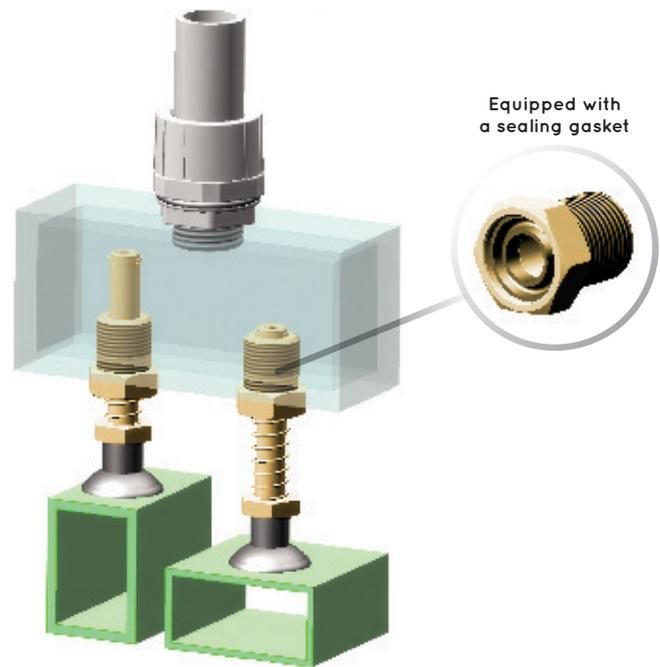# MINI VACUUM CUP HOLDERS WITH BUILT-IN BUSH

The vacuum cup holders shown on this page have a special design that allows them to be assembled directly onto a vacuum manifold, significantly reducing the need for pipes and fittings.
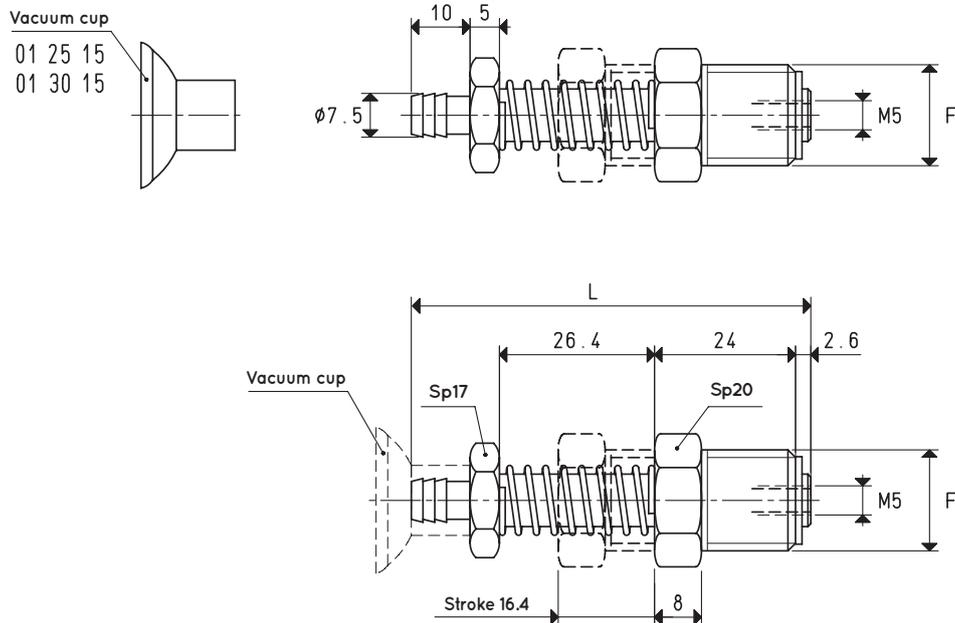
The hexagonal threaded bush for cup holder assembly with the vacuum manifold is equipped with a seal and has the task of driving and holding the brass stem for fixing the vacuum cup.

They are composed of:
- A brass stem for fastening the cup;
- A G3/8" hexagonal threaded bush equipped with a seal;
- A spring to cushion the impact of the cup and to, at the same time, maintain constant pressure with the load to be lifted.

Equipped with a sealing gasket

VERSION 20 25 11

Vacuum cup
01 25 15
01 30 15

Ø7.5   10 5   M5   F

Vacuum cup

L
26.4   24   2.6
Sp17   Sp20
M5   F
Stroke 16.4   8

Item	Spring thrust force N	F Ø	L	Weight g
20 25 11	18.63	G3/8"	68	68.0
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.

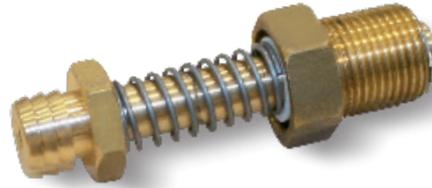Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)   inch = $\dfrac{mm}{25.4}$; pounds = $\dfrac{g}{453.6}$ = $\dfrac{Kg}{0.4536}$

MINI VACUUM CUP HOLDERS WITH BUILT-IN BUSH

The vacuum cup holders shown on this page have a special design that allows them to be assembled directly onto a vacuum manifold, significantly reducing the need for pipes and fittings. 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. They are composed of:
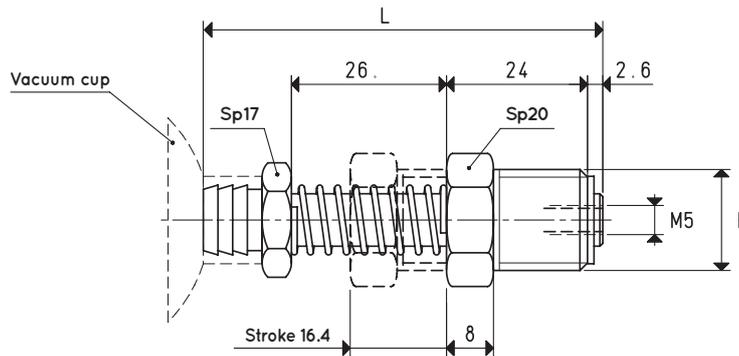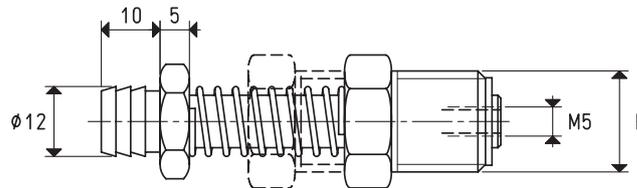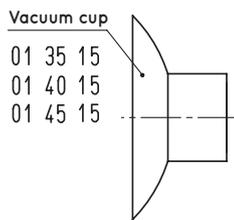- A brass stem for fastening the cup;
- A G3/8" hexagonal threaded bush equipped with a seal;
- A spring to cushion the impact of the cup and to, at the same time, maintain constant pressure with the load to be lifted.

Equipped with a sealing gasket

VERSION 20 35 11

Vacuum cup

01 35 15
01 40 15
01 45 15

Ø 12

10 5

M5 F

Vacuum cup

L

26 24 2.6

Sp17 Sp20

M5 F

Stroke 16.4 8

Item	Spring thrust force N	F Ø	L	Weight g
20 35 11	18.63	G3/8"	68	74.5
For vacuum cup item				
01 35 15 - 01 40 15 - 01 45 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 = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6}$ = $\frac{Kg}{0.4536}$

VACUUM CUP HOLDERS WITH BUILT-IN BUSH, WITH FEMALE THREADED CONNECTOR

The vacuum cup holders shown on this page have a special design that allows them to be assembled directly onto a vacuum manifold, significantly reducing the need for pipes and fittings.
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.
They are composed of:
- A brass stem for fastening the cup;
- A G3/8" hexagonal threaded bush equipped with a seal;
- A spring to cushion the impact of the cup and to, at the same time, maintain constant pressure with the load to be lifted.
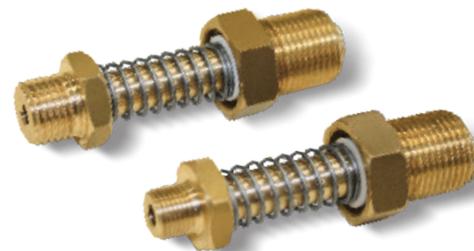
VERSION 20 .. 11
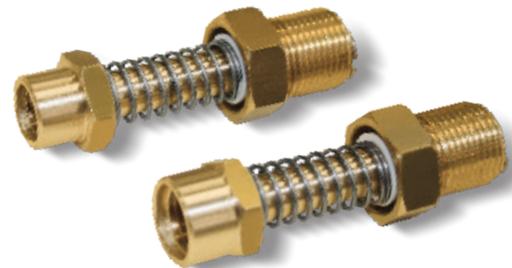
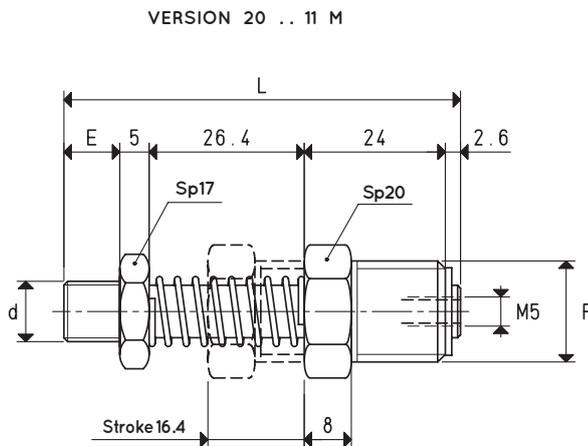Equipped with a sealing gasket
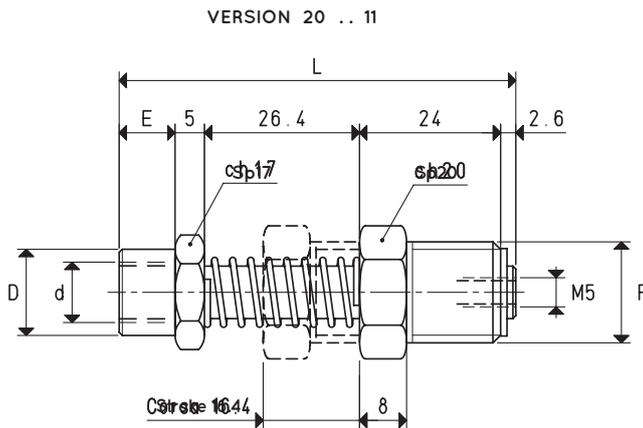
Item	Spring thrust force N	d Ø	D Ø	E	F Ø	L	Weight g
20 08 11	18.63	G1/8"	14.0	9	G3/8"	67	74
20 10 11	18.63	G1/4"	16.5	9	G3/8"	67	73

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

VACUUM CUP HOLDERS WITH BUILT-IN BUSH, WITH MALE THREADED CONNECTOR

VERSION 20 .. 11 M

Equipped with a sealing gasket

Item	Spring thrust force N	d Ø	E	F Ø	L	Weight g
20 08 11 M	18.63	G1/8"	8	G3/8"	66	75
20 10 11 M	18.63	G1/4"	10	G3/8"	68	74

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

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)   inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$ Adapters for GAS - NPT threading available on page 1.134

2