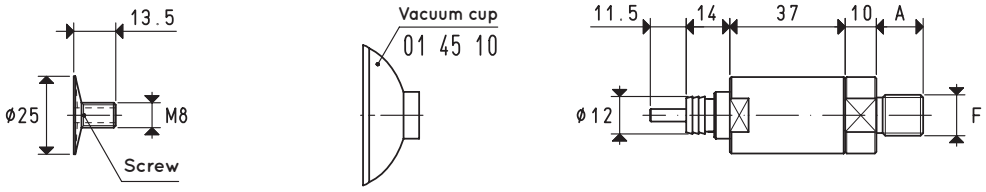
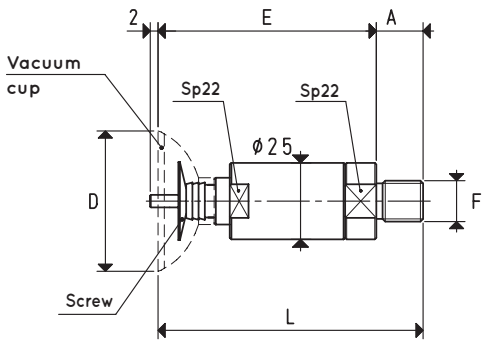
BASIC VACUUM CUP HOLDERS WITH NO SPRINGING

They have the same function as basic vacuum cup holders with plunger valve but are designed to be used where compensation is not necessary, so they do not have a cushioning spring, threaded pipe with nuts for fixing to the automation, or quick coupler.
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 solidly connected plunger valve with a conical shutter.





VERSION 03 45 11

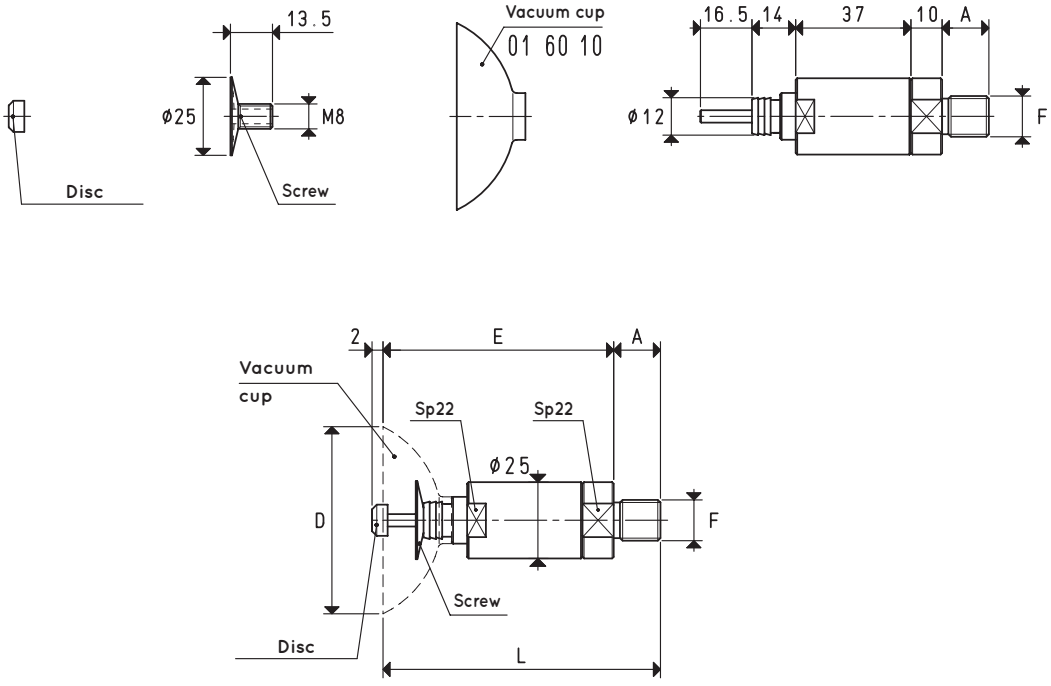
Item	A	D Ø	E	F Ø	L	For vacuum cup item	Screw included item	Weight g
03 45 11	15	45	70	G1/4"	85	01 45 10	00 20 13	174.7

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 = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

BASIC VACUUM CUP HOLDERS WITH NO SPRINGING

They have the same function as basic vacuum cup holders with plunger valve but are designed to be used where compensation is not necessary, so they do not have a cushioning spring, threaded pipe with nuts for fixing to the automation, or quick coupler.
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 solidly connected plunger valve with a conical shutter;
- A nylon disc, useful for preventing marks on the item being moved.



VERSION 03 60 11

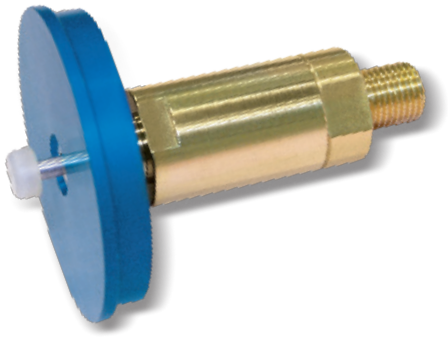
Item	A	D Ø	E	F Ø	L	For vacuum cup item	Screw included item	Disc included item	Weight g
03 60 11	15	60	72	G1/4"	87	01 60 10	00 20 13	00 03 22	191.9

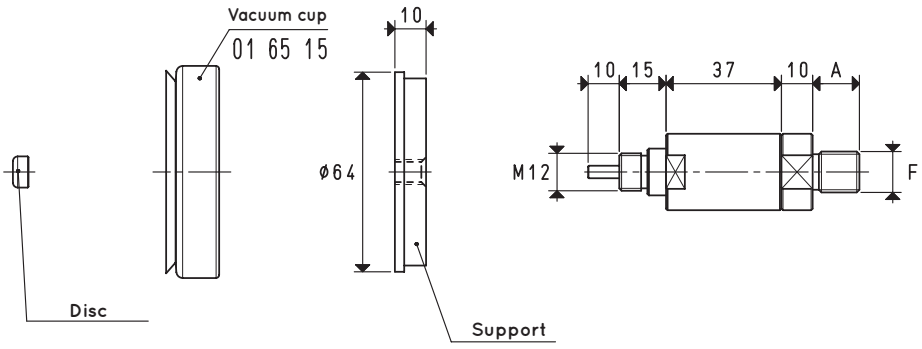
Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.
The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

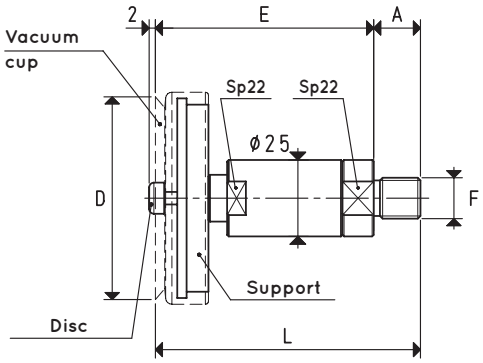
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

BASIC VACUUM CUP HOLDERS WITH NO SPRINGING

They have the same function as basic vacuum cup holders with plunger valve but are designed to be used where compensation is not necessary, so they do not have a cushioning spring, threaded pipe with nuts for fixing to the automation, or quick coupler.
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 solidly connected plunger valve with a conical shutter;
- A nylon disc, useful for preventing marks on the item being moved.







VERSION 03 65 16

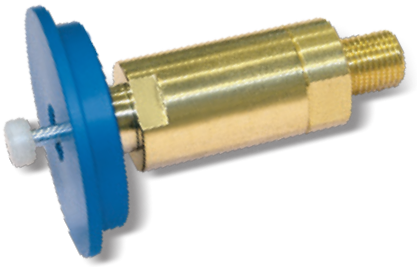
Item	A	D Ø	E	F Ø	L	For vacuum cup item	Support included item	Disc included item	Weight g
03 65 16	15	65	70	G1/4"	85	01 65 15	00 08 32	00 03 22	287.4

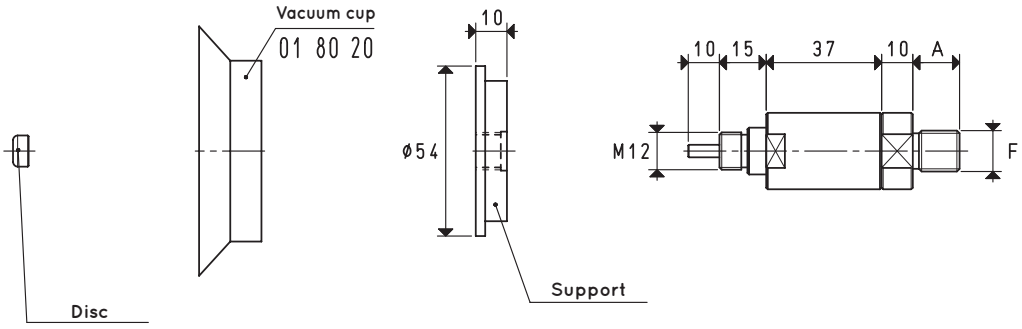
Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.
The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

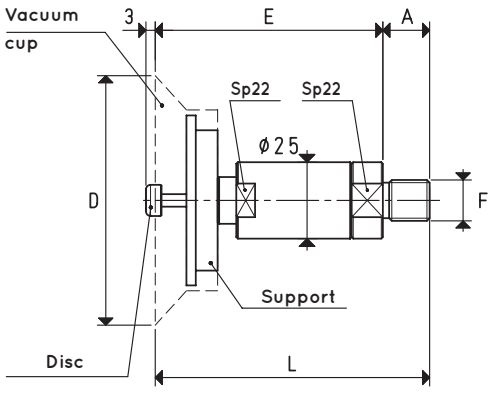
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

BASIC VACUUM CUP HOLDERS WITH NO SPRINGING

They have the same function as basic vacuum cup holders with plunger valve but are designed to be used where compensation is not necessary, so they do not have a cushioning spring, threaded pipe with nuts for fixing to the automation, or quick coupler.
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 solidly connected plunger valve with a conical shutter;
- A nylon disc, useful for preventing marks on the item being moved.







VERSION 03 80 21

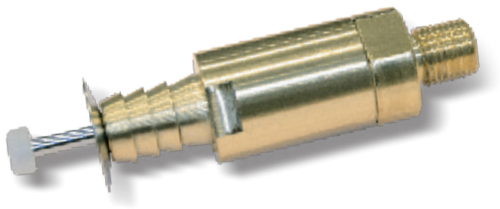
Item	A	D Ø	E	F Ø	L	For vacuum cup item	Support included item	Disc included item	Weight g
03 80 21	15	80	73	G1/4"	88	01 80 20	00 08 126	00 03 22	260.2

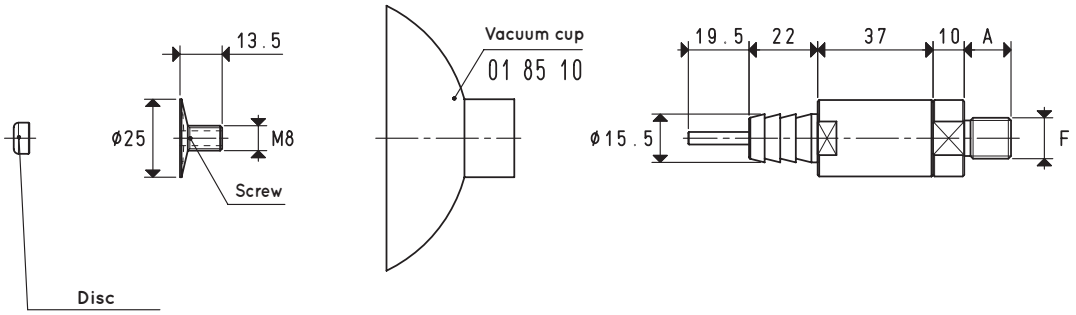
Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.
The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

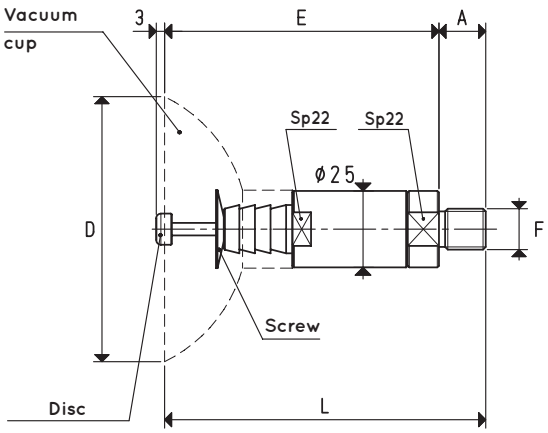
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

BASIC VACUUM CUP HOLDERS WITH NO SPRINGING

They have the same function as basic vacuum cup holders with plunger valve but are designed to be used where compensation is not necessary, so they do not have a cushioning spring, threaded pipe with nuts for fixing to the automation, or quick coupler.
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 solidly connected plunger valve with a conical shutter;
- A nylon disc, useful for preventing marks on the item being moved.







VERSION 03 85 11

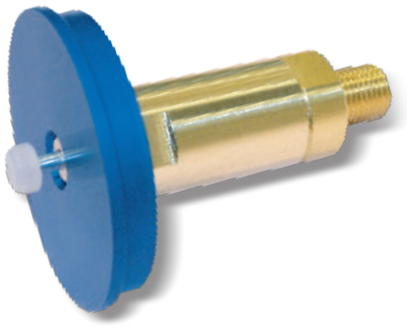
Item	A	D Ø	E	F Ø	L	For vacuum cup item	Screw included item	Disc included item	Weight g
03 85 11	15	85	92	G1/4"	107	01 85 10	00 20 13	00 03 22	247.9

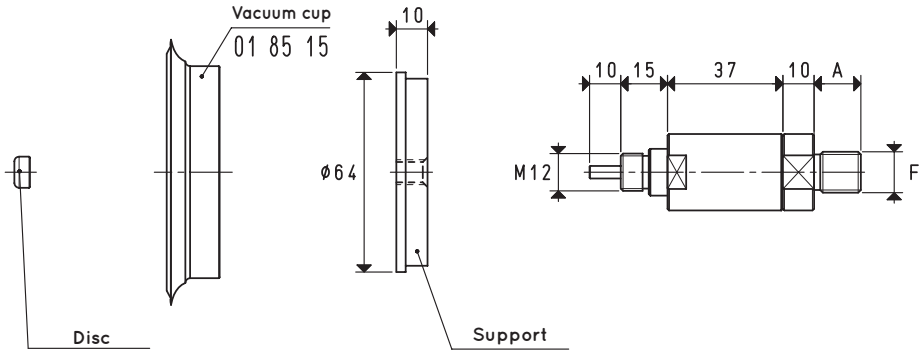
Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.
The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

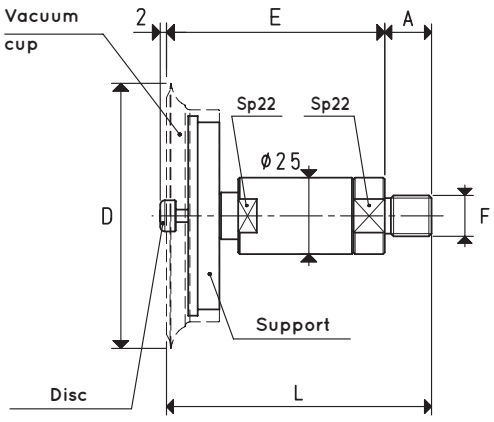
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

BASIC VACUUM CUP HOLDERS WITH NO SPRINGING

They have the same function as basic vacuum cup holders with plunger valve but are designed to be used where compensation is not necessary, so they do not have a cushioning spring, threaded pipe with nuts for fixing to the automation, or quick coupler.
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 solidly connected plunger valve with a conical shutter;
- A nylon disc, useful for preventing marks on the item being moved.







VERSION 03 85 16

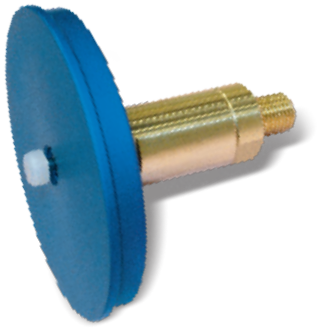
Item	A	D Ø	E	F Ø	L	For vacuum cup item	Support included item	Disc included item	Weight g
03 85 16	15	85	70	G1/4"	85	01 85 15	00 08 32	00 03 22	302.7

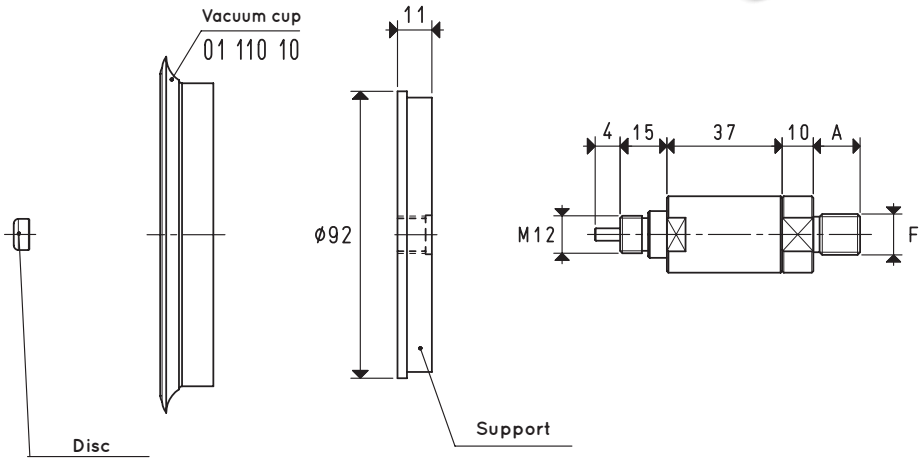
Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.
The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

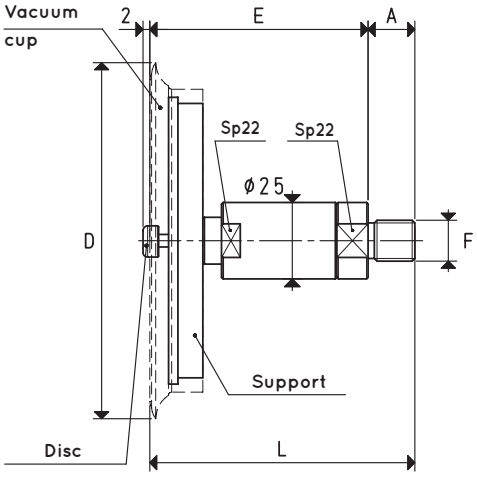
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

BASIC VACUUM CUP HOLDERS WITH NO SPRINGING

They have the same function as basic vacuum cup holders with plunger valve but are designed to be used where compensation is not necessary, so they do not have a cushioning spring, threaded pipe with nuts for fixing to the automation, or quick coupler.
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 solidly connected plunger valve with a conical shutter;
- A nylon disc, useful for preventing marks on the item being moved.







VERSION 03 110 11

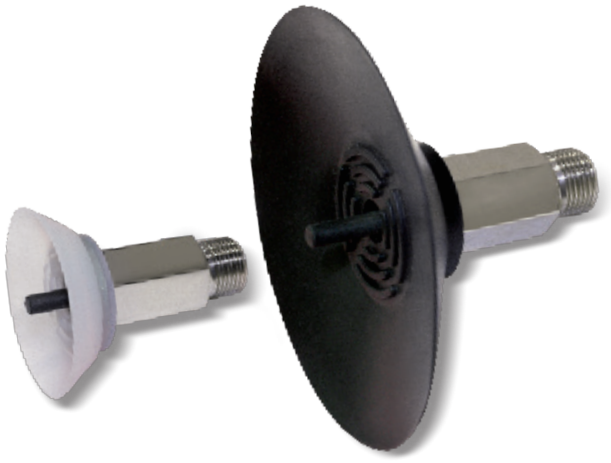
Item	A	D Ø	E	F Ø	L	For vacuum cup item	Support included item	Disc included item	Weight g
03 110 11	15	114	70	G1/4"	85	01 110 10	00 08 33	00 03 22	441.3

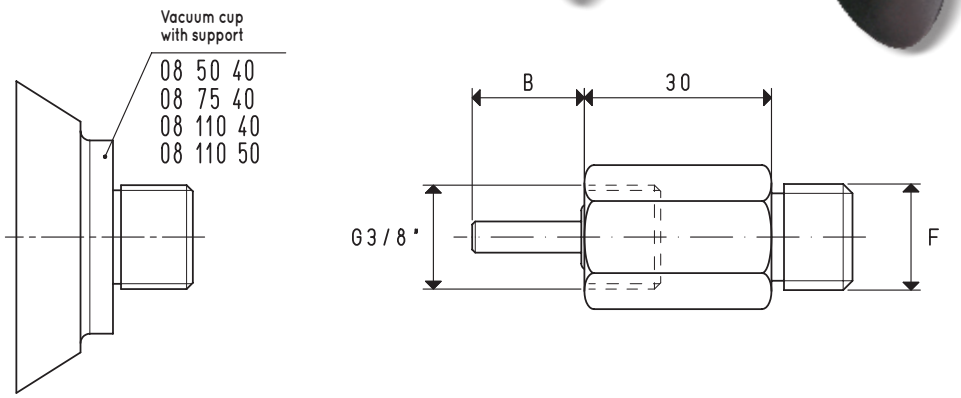
Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.
The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

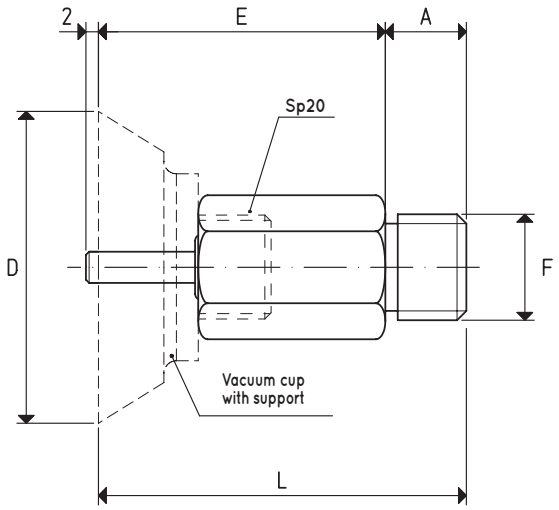
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

BASIC VACUUM CUP HOLDERS WITH NO SPRINGING

They have the same function as basic vacuum cup holders with plunger valve but are designed to be used where compensation is not necessary, so they do not have a cushioning spring, threaded pipe with nuts for fixing to the automation, or quick coupler.
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 hexagonal nickel-plated brass stem for fastening the vacuum cup;
- A nylon plunger valve equipped with an NBR seal.







VERSION 03 50 41

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

Item	A	B	D Ø	E	F Ø	L	Weight g
03 50 41	13	18.0	50	46.0	G3/8"	61	100.6
	For vacuum cup item						
	08 50 40 - 08 75 40 - 08 100 40 - 08 100 50						

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 = $\frac{g}{453.6} = \frac{Kg}{0.4536}$