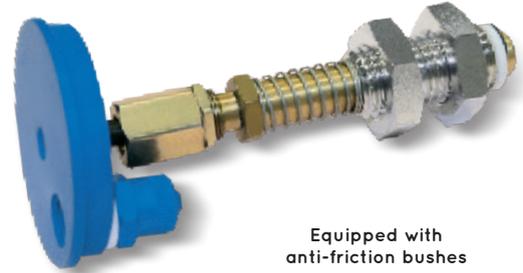


BASIC ARTICULATED VACUUM CUP HOLDERS

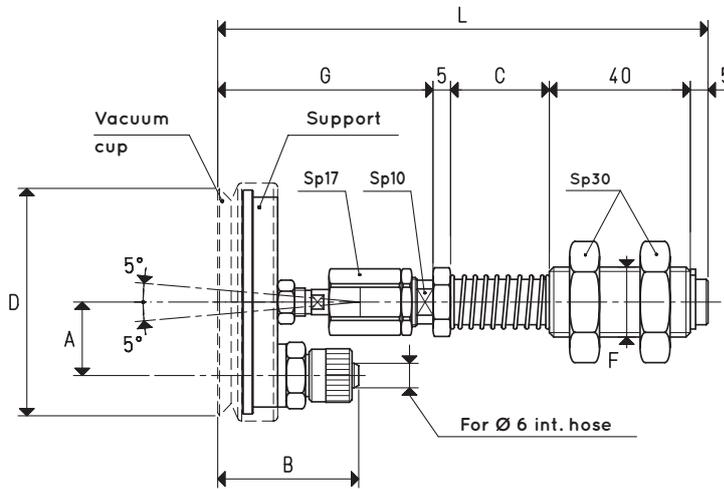
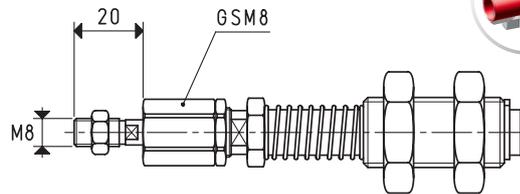
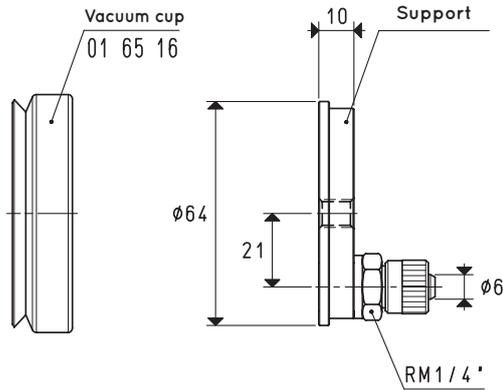
The technical and mechanical features are the same as for the basic vacuum cup holders. Their distinctive feature is their articulated joint in hardened steel, which allows the flat cups installed on these cup holders to adapt themselves to the loads to be lifted with slightly tilted surfaces, as well as to compensate possible verticality errors that can arise between the cup holder and the automation fixing support.

They are composed of:

- A brass stem for fastening the cup;
- A nickel-plated steel threaded sleeve equipped with anti-friction bushes for quick assembly of the cup to 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;
- An articulated joint in galvanised steel.



Equipped with anti-friction bushes



VERSION 02 65 20

VACUUM CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Item	*C	Actual spring stroke mm	Spring thrust force N	A	B	D Ø	F Ø	G	L	For vacuum cup item	Support included item	Weight g
02 65 20	28	16	10.78	21	37	65	M20	52	130	01 65 16	00 02 36	362.4
	65	49	29.41	21	37	65	M20	52	167	01 65 16	00 02 36	411.4
	95	74	23.53	21	37	65	M20	52	197	01 65 16	00 02 36	441.4

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.

* Also available with height C of 65 mm and 95 mm

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

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

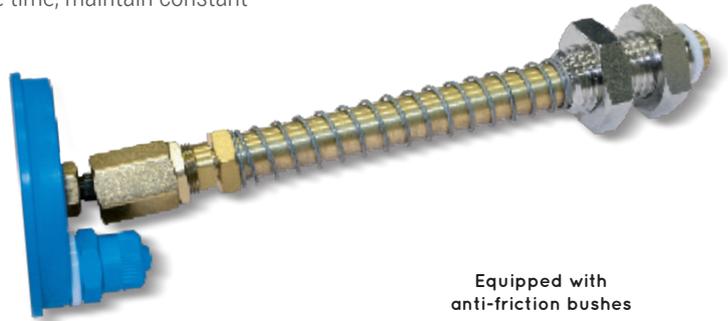


BASIC ARTICULATED VACUUM CUP HOLDERS

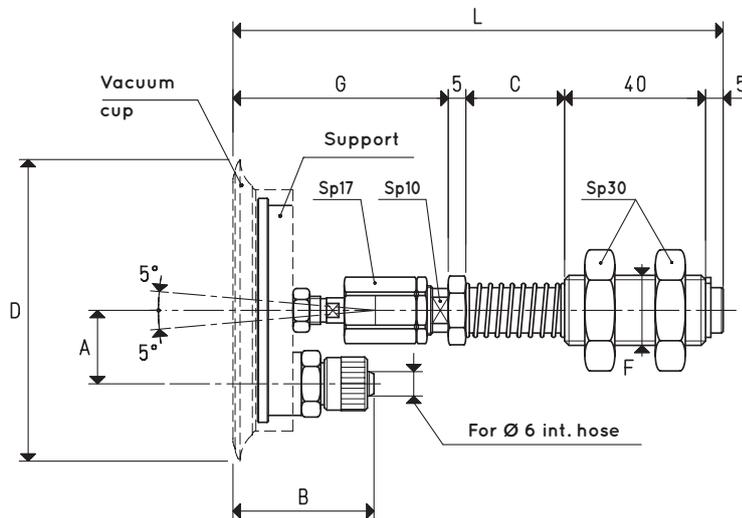
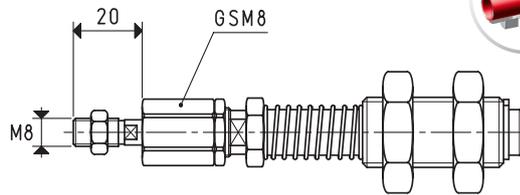
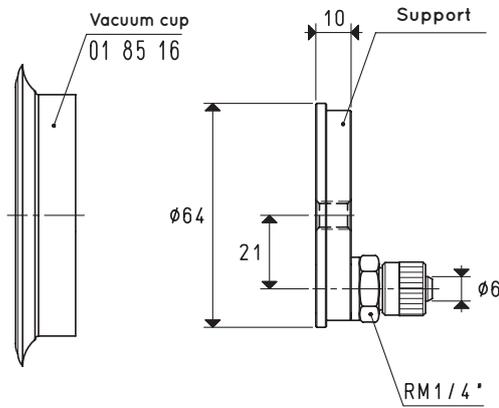
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They are composed of:

- A brass stem for fastening the cup;
- A nickel-plated steel threaded sleeve equipped with anti-friction bushes for quick assembly of the cup to 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;
- An articulated joint in galvanised steel.



Equipped with anti-friction bushes



VERSION 02 85 20

VACUUM CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Item	*C	Actual spring stroke mm	Spring thrust force N	A	B	D Ø	F Ø	G	L	For vacuum cup item	Support included item	Weight g
02 85 20	28	16	10.78	21	37	85	M20	52	130	01 85 16	00 02 36	378.7
	65	49	29.41	21	37	85	M20	52	167	01 85 16	00 02 36	427.7
	95	74	23.53	21	37	85	M20	52	197	01 85 16	00 02 36	457.7

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.

* Also available with height C of 65 mm and 95 mm

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

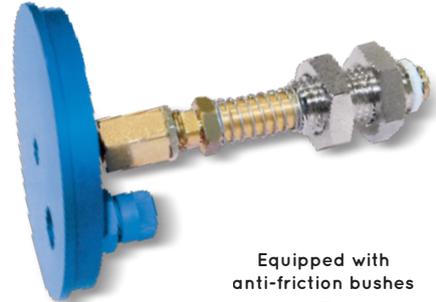
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BASIC ARTICULATED VACUUM CUP HOLDERS

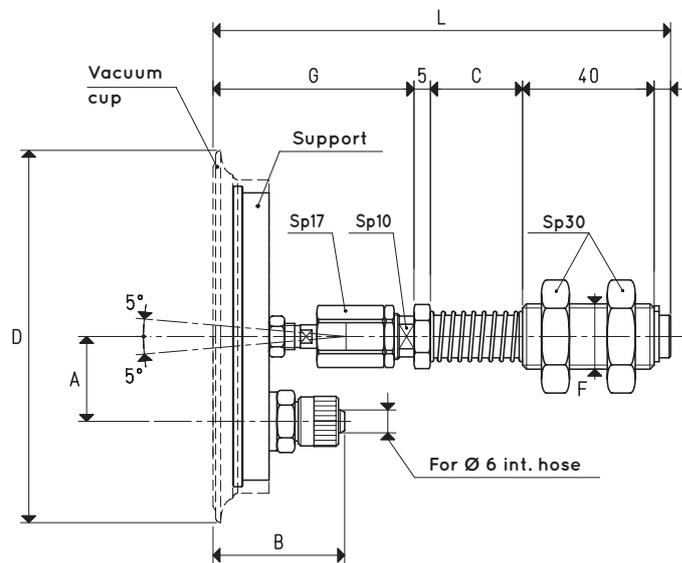
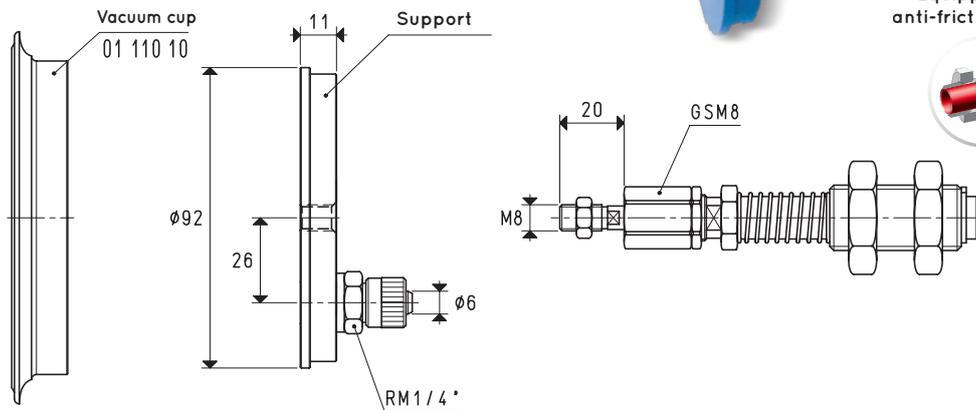
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They are composed of:

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- 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;
- An articulated joint in galvanised steel.



Equipped with anti-friction bushes



VERSION 02 110 20

VACUUM CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Item	*C	Actual spring stroke mm	Spring thrust force N	A	B	D Ø	F Ø	G	L	For vacuum cup item	Support included item	Weight g
02 110 20	28	16	10.78	26	37	114	M20	52	130	01 110 10	00 02 37	497.1
	65	49	29.41	26	37	114	M20	52	167	01 110 10	00 02 37	544.1
	95	74	23.53	26	37	114	M20	52	197	01 110 10	00 02 37	271.1

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.

* Also available with height C of 65 mm and 95 mm

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

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



BASIC ARTICULATED VACUUM CUP HOLDERS

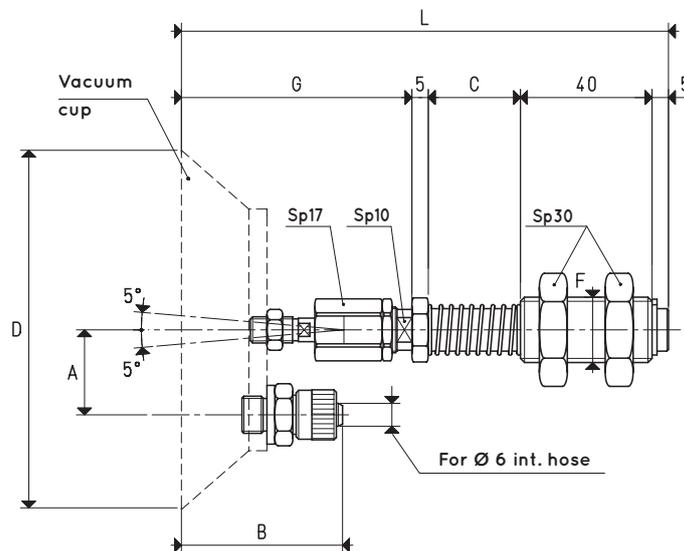
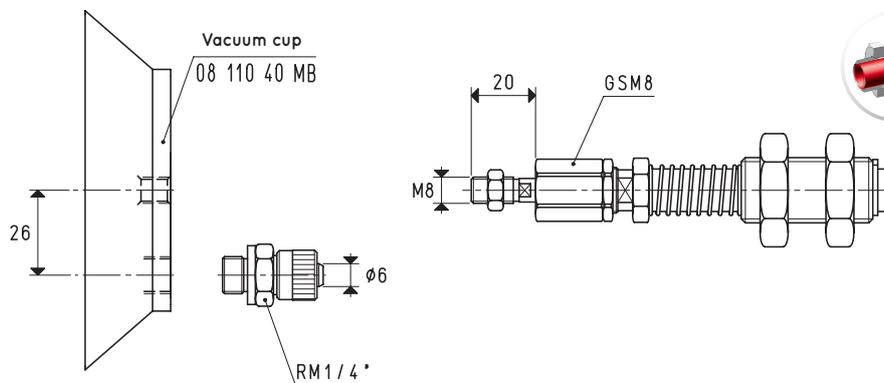
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- A quick coupling for connection with the suction hose;
- An articulated joint in galvanised steel.



Equipped with anti-friction bushes



VERSION 02 110 22

VACUUM CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 6 X 8

Item	*C	Actual spring stroke mm	Spring thrust force N	A	B	D Ø	F Ø	G	L	For vacuum cup item	Weight g
02 110 22	28	16	10.78	26	46	110	M20	61	139	08 110 40 M8	243
	65	49	29.41	26	46	110	M20	61	176	08 110 40 M8	294
	95	74	23.53	26	46	110	M20	61	206	08 110 40 M8	323

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.

* Also available with height C of 65 mm and 95 mm

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

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