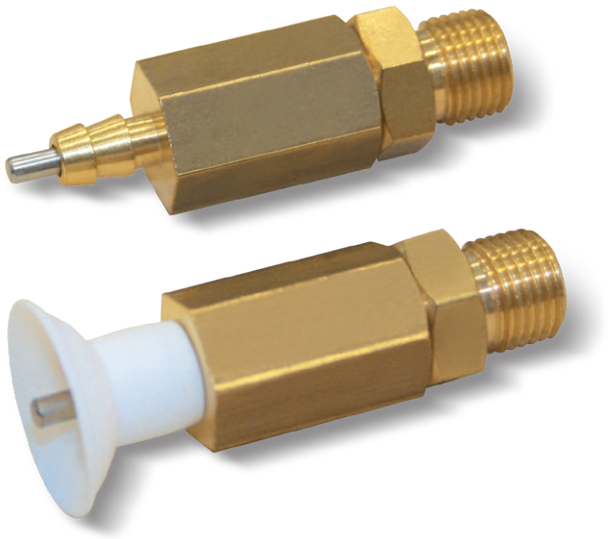
MINI VACUUM CUP HOLDERS WITH PLUNGER VALVE WITH NO SPRINGING

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.



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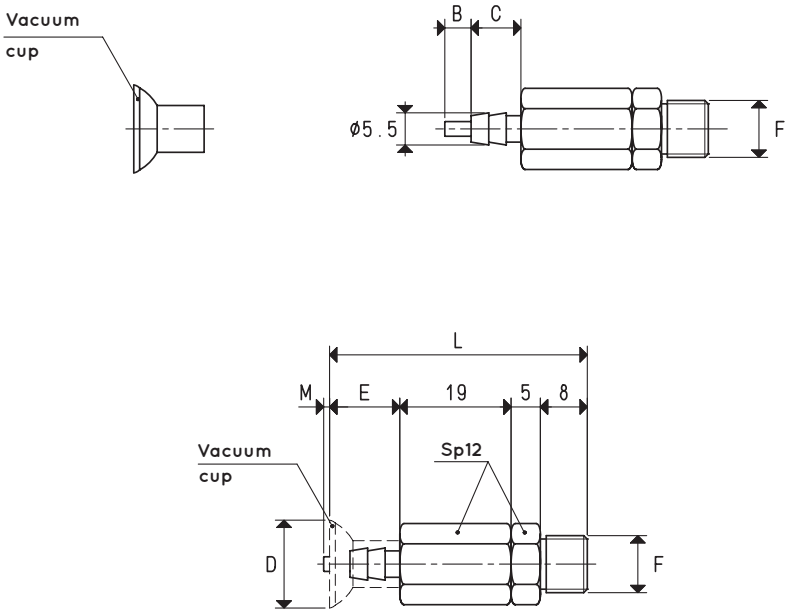
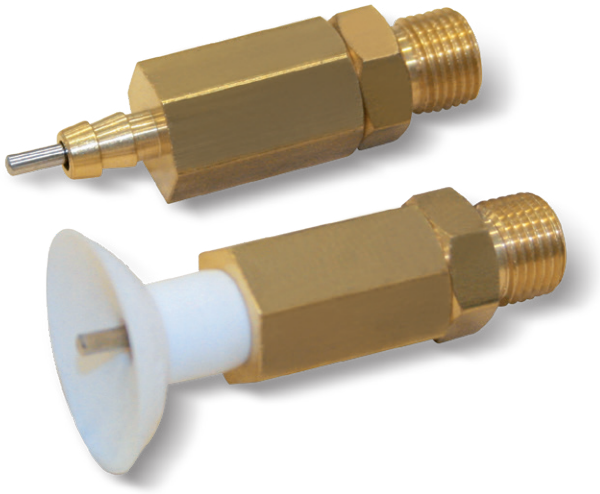


Item	Force Kg	B	C	D Ø	E	F Ø	L	M	For vacuum cup item	Weight g
20 12 61	0.28	4.5	8.5	12	11	G1/8"	43	2	01 12 10	24.6
20 15 61	0.44	4.5	8.5	15	12	G1/8"	44	1	01 15 10	24.7
20 18 61	0.63	4.5	8.5	18	12	G1/8"	44	1	01 18 10	24.7

Note: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

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



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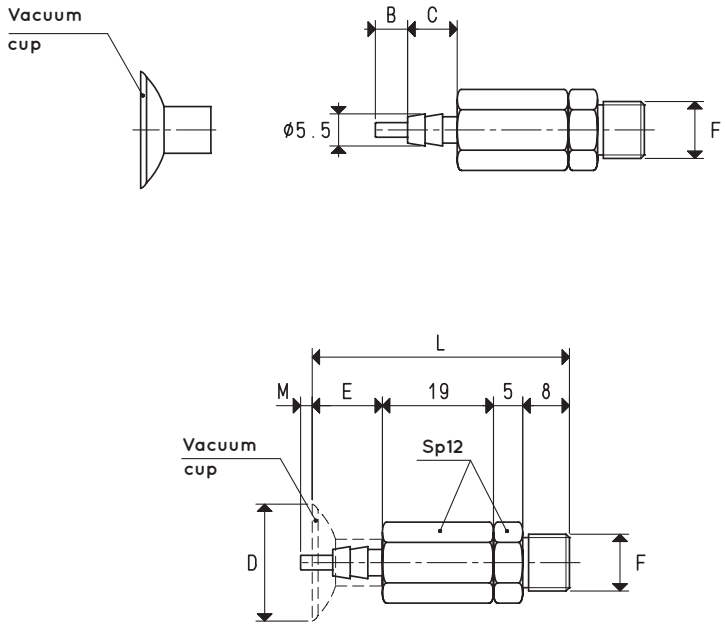

Item	Force Kg	B	C	D Ø	E	F Ø	L	M	For vacuum cup item	Weight g
20 20 61	0.78	5.5	8.5	20	12	G1/8"	44	2	01 20 10	26.8
20 22 61	0.95	5.5	8.5	22	13	G1/8"	45	1	01 22 10	27.2

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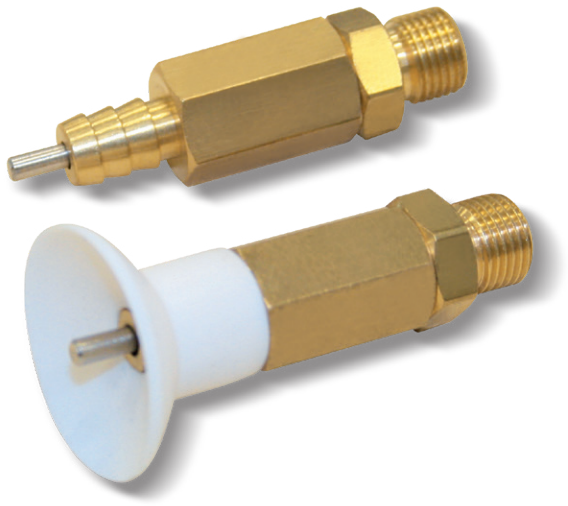
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$



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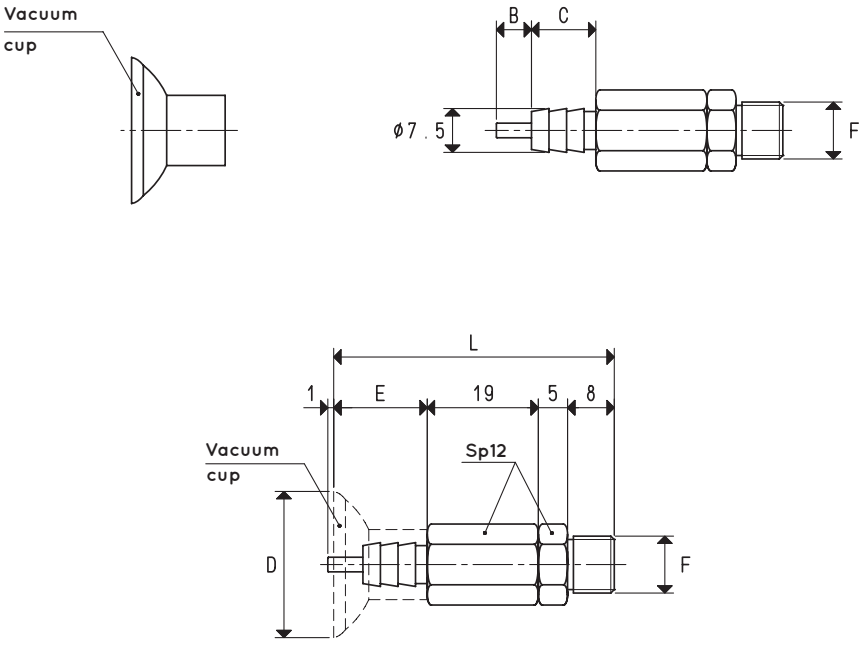
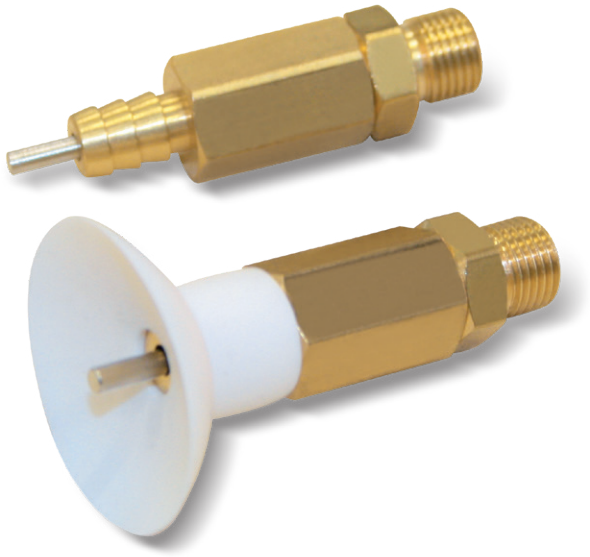


Item	Force Kg	B	C	D Ø	E	F Ø	L	For vacuum cup item	Weight g
20 25 61	1.23	6	11	25	16	G1/8"	48	01 25 15	26

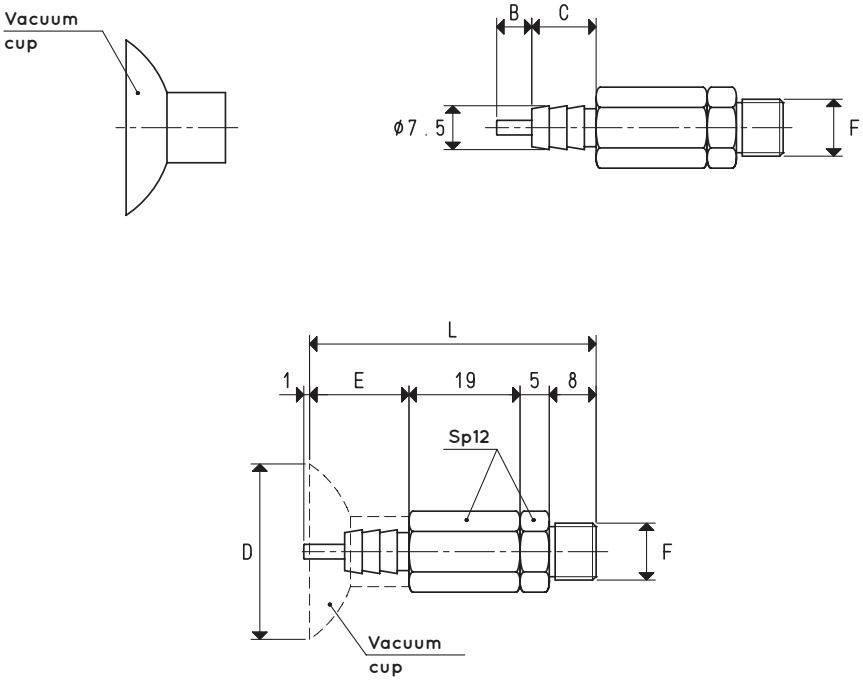
Note: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

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



VERSION 20 30 61



Item	Force Kg	B	C	D Ø	E	F Ø	L	For vacuum cup item	Weight g
20 30 61	1.76	7	11	30	17	G1/8"	49	01 30 15	28.6

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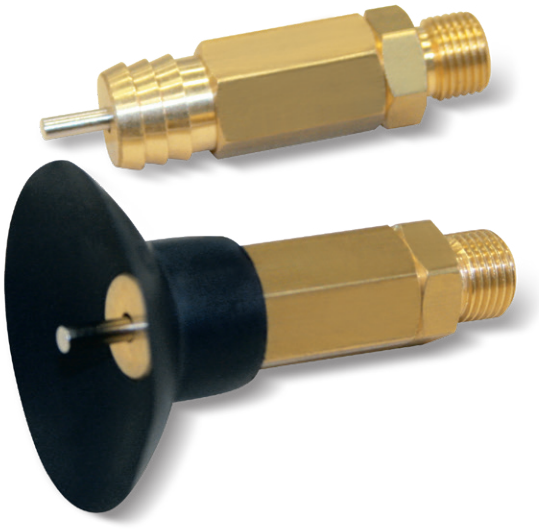
Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

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



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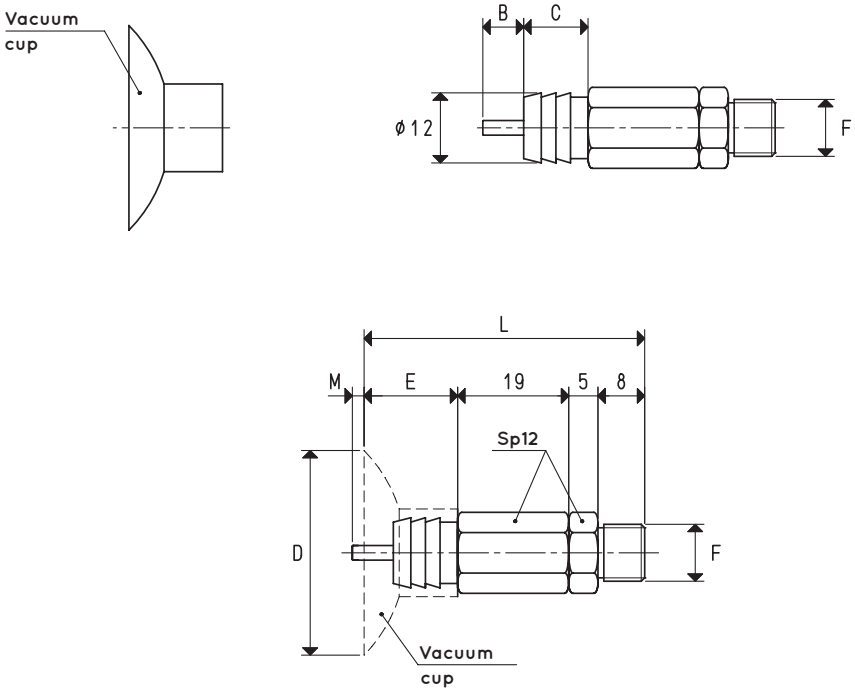

Item	Force Kg	B	C	D Ø	E	F Ø	L	M	For vacuum cup item	Weight g
20 35 61	2.40	7	11	35	16	G1/8"	48	2	01 35 15	34.6
20 40 61	3.14	7	11	40	18	G1/8"	50	0	01 40 15	35.1

Note: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

Note: The force of the vacuum cups indicated in the table represents 1/3 of the value of the theoretical force calculated at a level of vacuum of -75 KPa and a factor of safety 3.

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