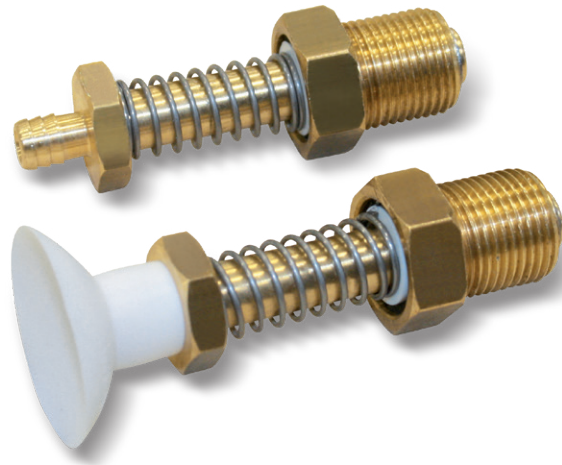


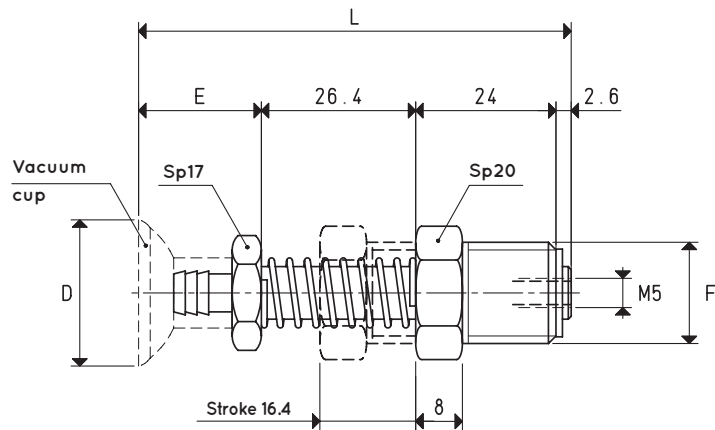
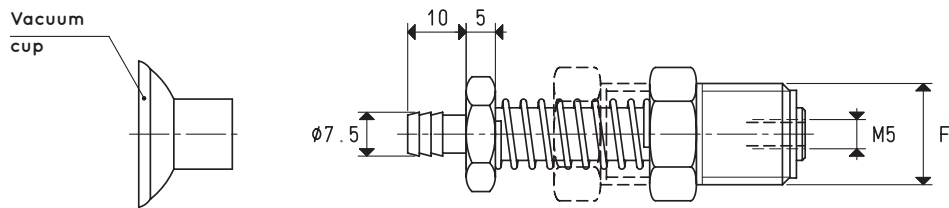


MINI VACUUM CUP HOLDERS WITH BUILT-IN BUSH

The reduced size and the particular shape of these cup holders allow them to be directly assembled to the vacuum manifold, saving time and eliminating 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.



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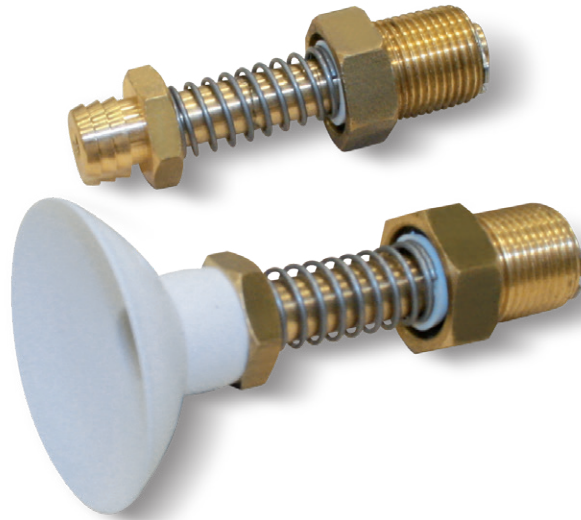


Item	Force Kg	D Ø	E	F Ø	L	For vacuum cup item	Weight g
20 25 11	1.23	25	21	G3/8"	74	01 25 15	70.0
20 30 11	1.76	30	22	G3/8"	75	01 30 15	70.7

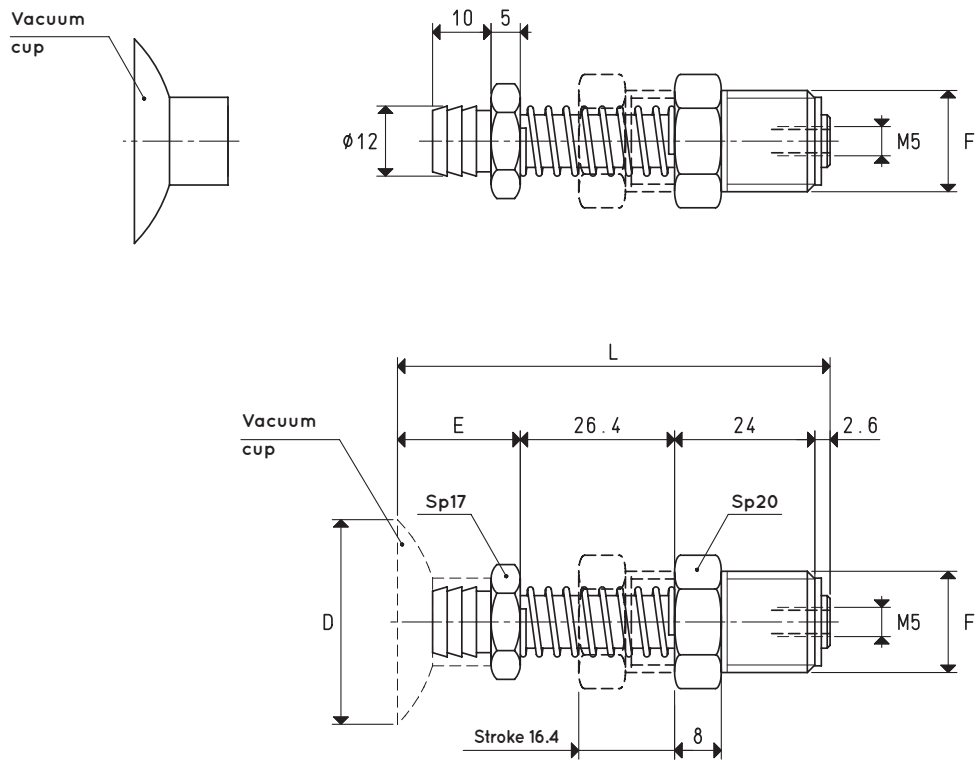
Note: The vacuum cups are not integral parts of the cup holders and, therefore, must be ordered separately.

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



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Item	Force Kg	D Ø	E	F Ø	L	For vacuum cup item	Weight g
20 35 11	2.40	35	21	G3/8"	74	01 35 15	76.6
20 40 11	3.14	40	23	G3/8"	76	01 40 15	77.1
20 45 11	3.98	45	28	G3/8"	81	01 45 15	80.6

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