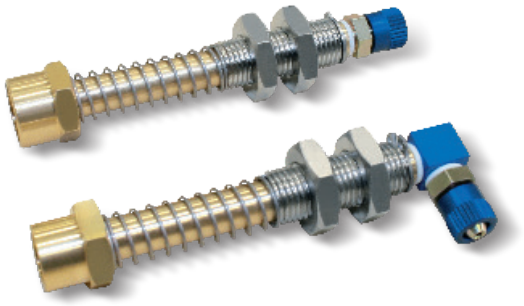
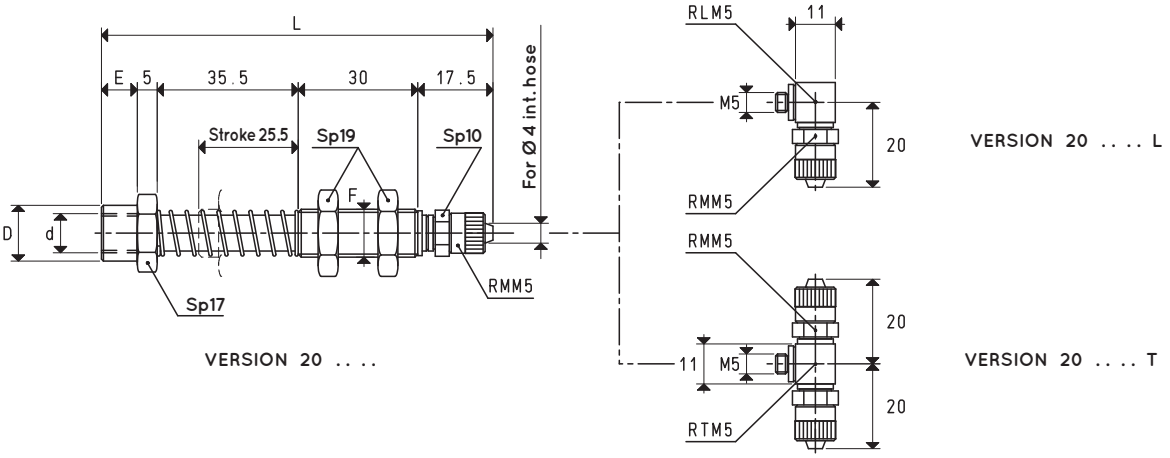
MINI VACUUM CUP HOLDERS WITH MALE AND FEMALE THREADED CONNECTORS

The vacuum cup holders shown on this page have a shorter stroke and their special design that allow for further bulk and weight reduction in the overall dimensions and weight of these vacuum cups compared to normal mini vacuum cup holders. They are composed of:

- A brass stem equipped with 1/8" and 1/4" gas threaded connections for attaching the vacuum cup;
- A threaded sleeve equipped with nuts, for mounting the vacuum up holder on 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.





VERSION 20 . . . .

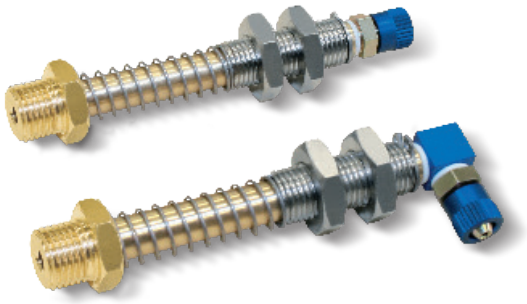
VERSION 20 . . . L

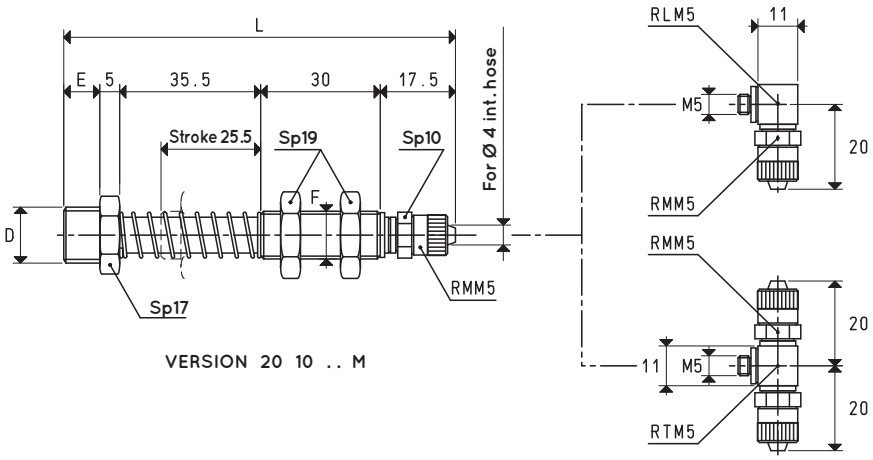
VERSION 20 . . . T

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

Item	Spring thrust force N	d Ø	D Ø	E	F Ø	L	Weight g
20 06 35	8.82	M5	7.0	3.5	M12 x 1.25	91.5	74
20 07 35	8.82	M8	12.0	9	M12 x 1.25	97	76
20 10 38	8.82	G1/8"	14.0	9	M12 x 1.25	97	78
20 10 48	8.82	G1/4"	16.5	9	M12 x 1.25	97	78

Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.
To order vacuum cup holders with L or T fittings, add the letter L or T to the code.





VERSION 20 10 . . M

VERSION 20 10 . . M L

VERSION 20 10 . . M T

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

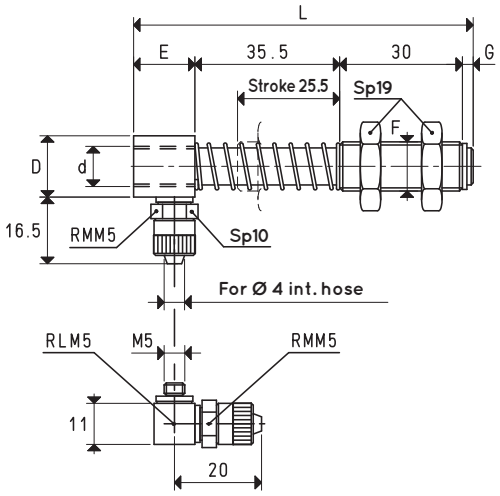
Item	Spring thrust force N	D Ø	E	F Ø	L	Weight g
20 10 38 M	8.82	G1/8"	8	M12 x 1.25	96	78
20 10 48 M	8.82	G1/4"	10	M12 x 1.25	98	76
20 10 58 M	8.82	G3/8"	10	M12 x 1.25	98	76

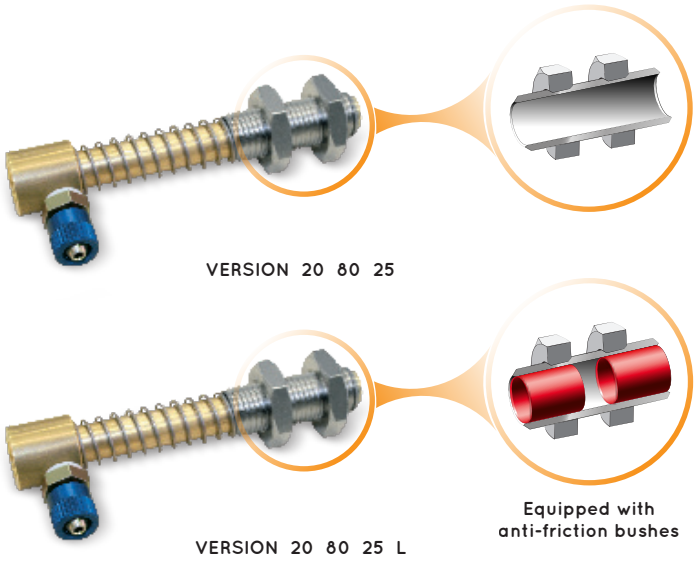
Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.
To order vacuum cup holders with L or T fittings, add the letter L or T to the code.

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

MINI VACUUM CUP HOLDERS WITH FEMALE THREADED CONNECTORS

The Mini Vacuum Cup Holders in the 20 80 25 B series differ from the standard 20 80 25 model in that they feature two technopolymer anti-friction bushes inserted into the M12x1.25 threaded sleeve.
These bushes ensure excellent sliding without the need for additional lubrication and maintain their performance even in dirty environments.



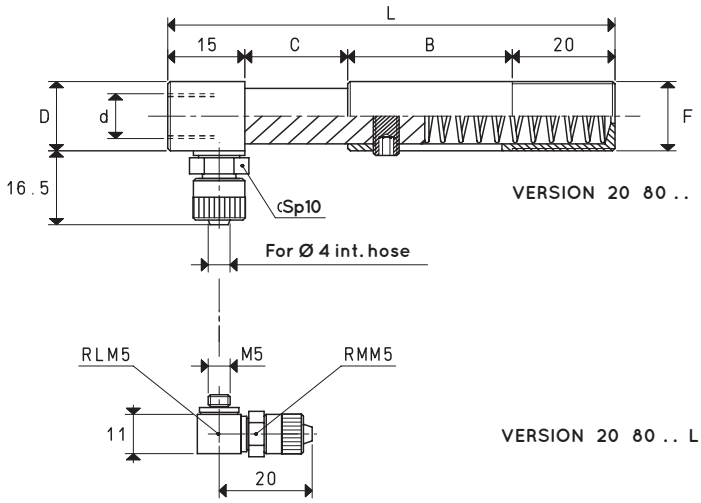


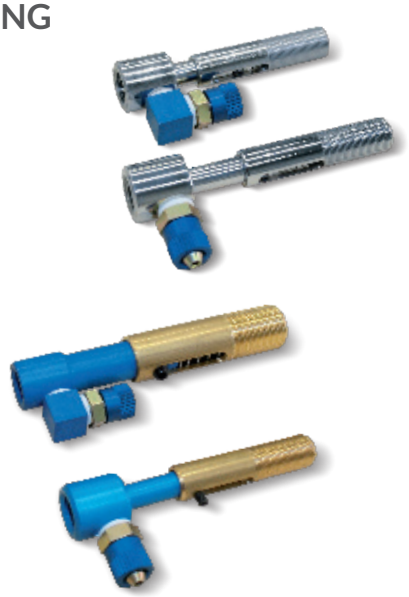
VACUUM CUP HOLDERS WITH STRAIGHT QUICK COUPLER FOR PLASTIC HOSE Ø 4 X 6

Item	Spring thrust force N	d Ø	D Ø	E	F Ø	G	L	Weight g
20 80 25 B	8.82	G1/8"	15	15	M12 x 1.25	7.5	83.5	82
20 80 25	8.82	G1/8"	15	15	M12 x 1.25	3.0	83.5	82

Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.
To order vacuum cup holders with L fittings, add the letter L to the code.

MINI VACUUM CUP HOLDERS WITH BUILT-IN SPRING





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

Item	B	C stroke	Spring thrust force N	d Ø	D Ø	F Ø	L	Weight g
20 80 15	22	15	3.92	G1/8"	15	M10 x 0.75	72	26
20 80 20	32	20	6.80	G1/8"	15	M15 x 1.00	87	42

Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.
To order chrome-plated iron, add the letters FC to the item.
To order vacuum cup holders with L fittings, add the letter L to the code.

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