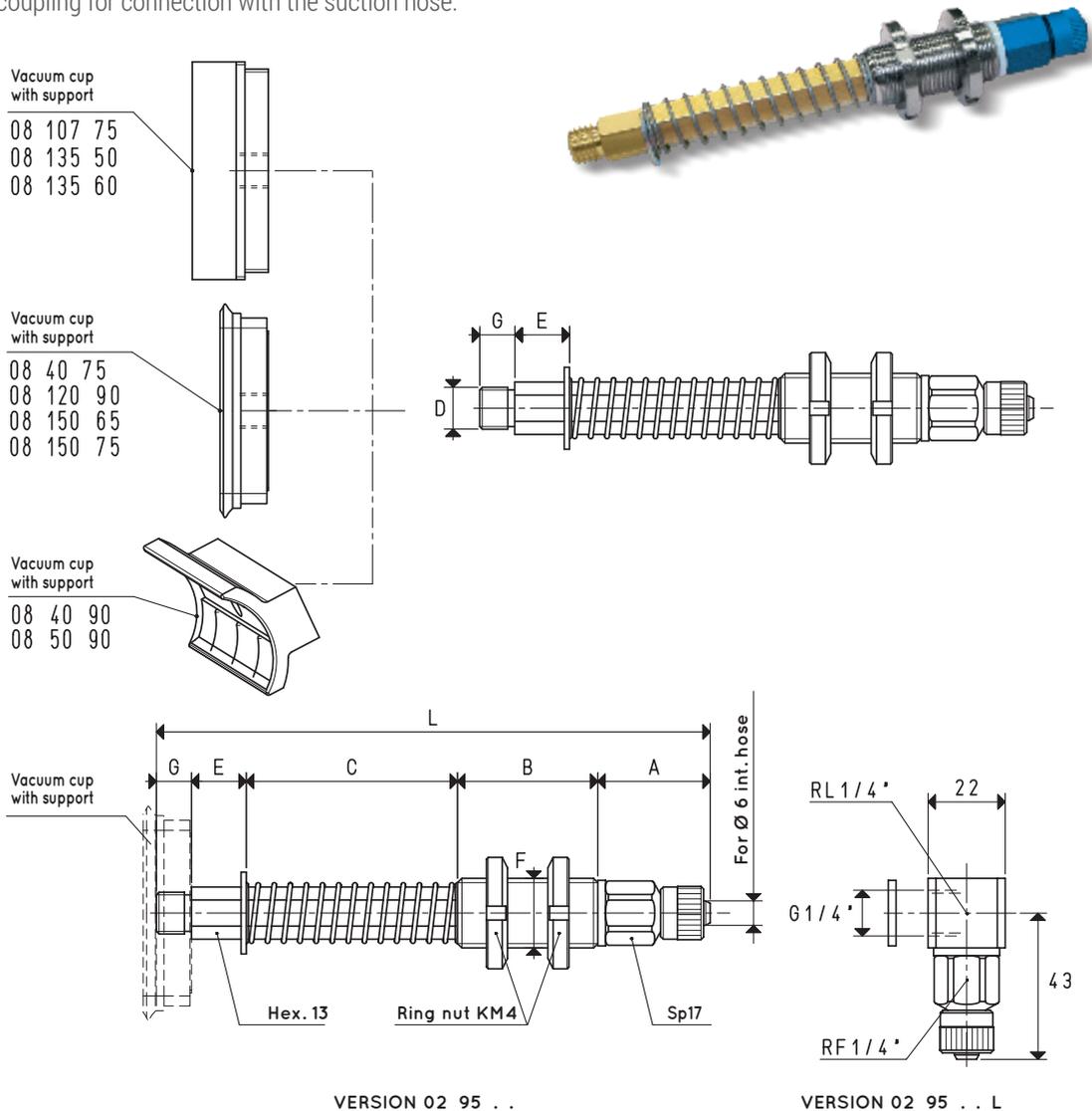# BASIC ANTI-ROTATION VACUUM CUP HOLDERS

The technical features are the same as for the basic vacuum cup holders, with their distinctive features being their brass stem with hexagonal section and the steel drive bush with hexagonal hole. This prevents the stem from rotating on its axis, and, as a result, also the cup and its support from rotating.
They are suited for cups with male or female support with diameters ranging from 45 mm to 110 mm, but they have been specially designed for the installation of rectangular, concave and elliptical cups.They are composed of:
- A brass stem with a hexagonal cross-section;
- An externally threaded sleeve with an internal hexagonal cross-section, equipped with
  ring nuts for mounting the vacuum cup holder 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.

Vacuum cup with support

08 107 75
08 135 50
08 135 60

Vacuum cup with support

08 40 75
08 120 90
08 150 65
08 150 75

Vacuum cup with support

08 40 90
08 50 90

Vacuum cup with support

Hex. 13   Ring nut KM4   Sp17

VERSION 02 95 . .

RL 1/4'   22
G 1/4'
43
RF 1/4'

VERSION 02 95 . . L

For Ø 6 int. hose

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	E	F Ø	G	L	Weight g
02 95 28	28	16	21.57	32	40	M12	15	M20 x 1	10	125	180
02 95 65	65	65	22.55	32	40	M12	15	M20 x 1	10	162	225
02 95 95	95	95	24.51	32	40	M12	15	M20 x 1	10	192	246
			For vacuum cup item								
			08 107 75 - 08 135 50 - 08 135 60								
			08 40 75 - 08 120 90 - 08 150 65 - 08 150 75								
			08 40 90 - 08 50 90								

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.
    To order vacuum cup holders with L fittings, add the letter L to the code.
    * Also available with height C of 65 mm and 95 mm

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

BASIC ANTI-ROTATION VACUUM CUP HOLDERS

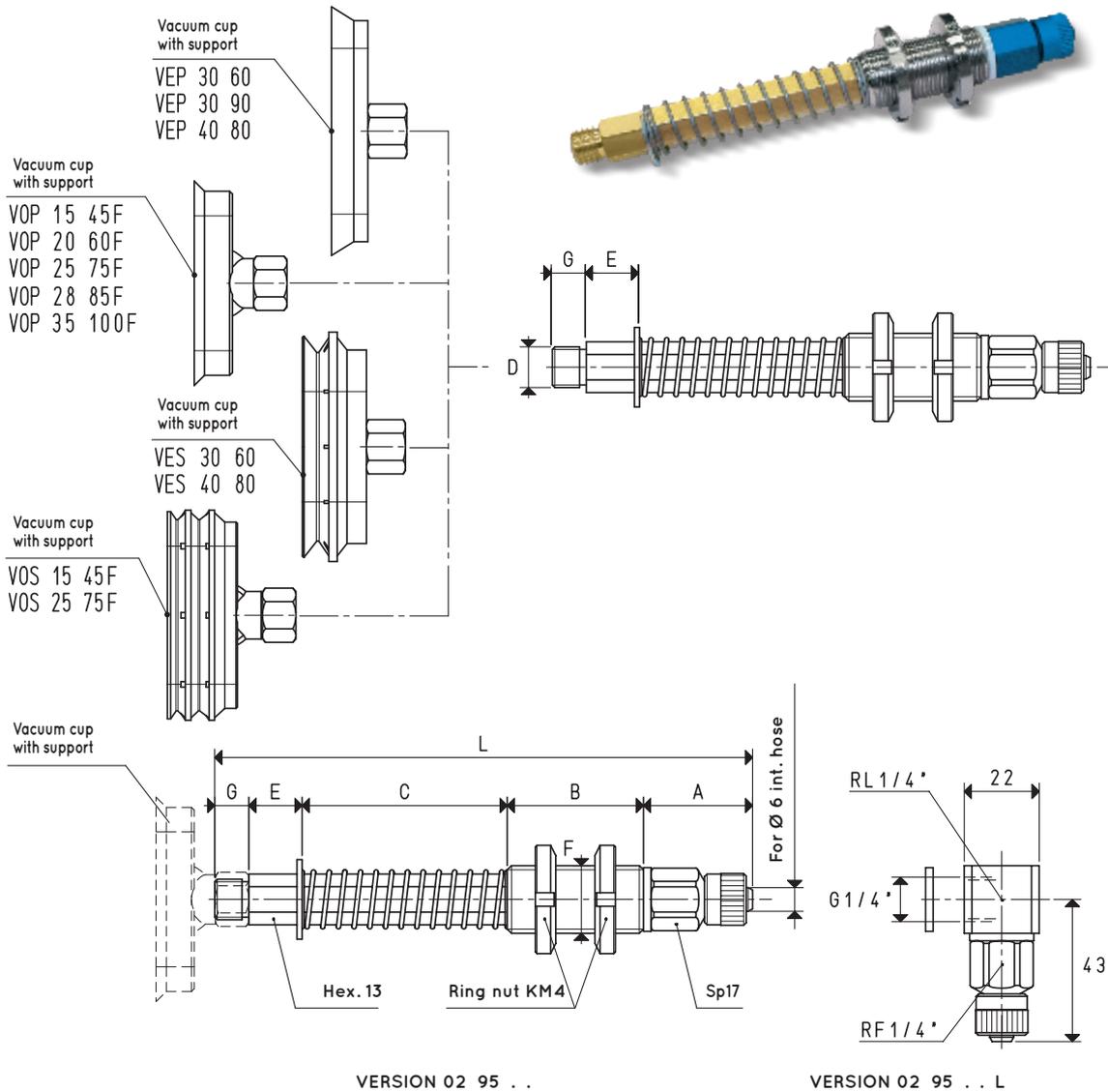The technical features are the same as for the basic vacuum cup holders, with their distinctive features being their brass stem with hexagonal section and the steel drive bush with hexagonal hole. This prevents the stem from rotating on its axis, and, as a result, also the cup and its support from rotating.
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Vacuum cup with support

VEP 30 60
VEP 30 90
VEP 40 80

Vacuum cup with support

VOP 15 45 F
VOP 20 60 F
VOP 25 75 F
VOP 28 85 F
VOP 35 100 F

Vacuum cup with support

VES 30 60
VES 40 80

Vacuum cup with support

VOS 15 45 F
VOS 25 75 F

Vacuum cup with support

Hex. 13   Ring nut KM4   Sp17

For Ø 6 int. hose

RL 1/4"   22

G 1/4"

43

RF 1/4"

VERSION 02 95 . .   VERSION 02 95 . . L

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	E	F Ø	G	L	Weight g
02 95 28 1/4"	28	16	21.57	32	40	G1/4"	15	M20 x 1	10	125	181
02 95 65 1/4"	65	65	22.55	32	40	G1/4"	15	M20 x 1	10	162	226
02 95 95 1/4"	95	95	24.51	32	40	G1/4"	15	M20 x 1	10	192	247
For vacuum cup item											
VEP 30 60 - VEP 30 90 - VEP 40 80											
VOP 15 45 F - VOP 20 60 F - VOP 25 75 F - VOP 28 85 F - VOP 35 100 F											
VES 30 60 - VES 40 80											
VOS 15 45 F - VOS 25 75 F											

Note: The vacuum cup holder's lifting force depends directly on the vacuum cup model applied to it.
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