

Anti-rotation vacuum cup suspensions

Threaded connection male, stainless steel, aluminium and brass

MATERIAL

Brass or stainless steel stem.
Stainless steel spring.
Threaded sleeve and ring nuts in brass or AVP steel.
Air fitting in blue anodised aluminium.

STANDARD EXECUTIONS

- **VPC-M**: with male straight threaded connection.
- **VPC-M-L**: with male L-shaped threaded connection.

FEATURES AND APPLICATIONS

VPC vacuum cup suspensions comprise:

- a brass stem with a hexagonal section for fixing the vacuum cup. This conformation prevents the shank and the vacuum cup fixed on it from rotating on its axis;
- a steel or brass threaded sleeve, equipped with two tightening ring nuts, for quick assembly of the vacuum cup suspension to the automation device;
- a spring to cushion the impact of the vacuum cup and at the same time maintain a constant pressure with the load to be lifted;
- a quick fitting for connection to the suction hose.

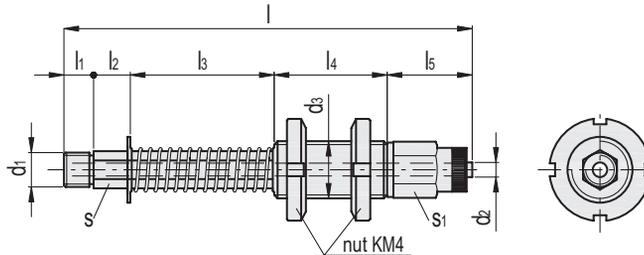
Suitable for vacuum cups with a minimum diameter of 45 mm and a maximum of 110 mm.

The effective spring stroke is functional to the length (l3) of the stem, in particular:

- 16 mm for a length of 28 mm
- 49 mm for a length of 65 mm
- 74 mm for a length of 95 mm

Compatible with 6x8 diameter plastic hose.

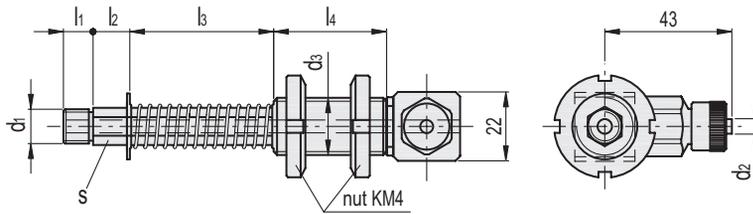
See Technical Data for vacuum cups (on page -).



VPC-M

Code	Description	d1	d2*	d3	l	l1	l2	l3	l4	l5	s	s1	⚖
VV.41002	VPC-55-90-G1/4-M	G1/4	6	M25x1.5	144	15	-	55	40	34	22	16	314
VV.41003	VPC-55-91-G3/8-M	G3/8	6	M25x1.5	144	15	-	55	40	34	22	16	320
VV.41005	VPC-55-92-G3/8-M	G3/8	9	M25x1.5	150	15	-	55	40	40	22	16	330
VV.41101	VPC-95-28-M12-M	M12	6	M20x1	125	10	15	28	40	32	13	17	180
VV.41105	VPC-95-65-M12-M	M12	6	M20x1	162	10	15	65	40	32	13	17	225
VV.41110	VPC-95-95-M12-M	M12	6	M20x1	192	10	15	95	40	32	13	17	246
VV.41102	VPC-95-28-G1/4-M	G1/4	6	M20x1	125	10	15	28	40	32	13	17	181
VV.41106	VPC-95-65-G1/4-M	G1/4	6	M20x1	162	10	15	65	40	32	13	17	226
VV.41111	VPC-95-95-G1/4-M	G1/4	6	M20x1	192	10	15	95	40	32	13	17	247

* Compatible with compressed air tubes of the diameter in the table.



VPC-M-L

Code	Description	d1	d2*	d3	l1	l2	l3	l4	s	
VV.41001	VPC-55-90-G1/4-M-L	G1/4	6	M25x1.5	15	-	55	40	22	329
VV.41004	VPC-55-91-G3/8-M-L	G3/8	6	M25x1.5	15	-	55	40	22	335
VV.41006	VPC-55-92-G3/8-M-L	G3/8	9	M25x1.5	15	-	55	40	22	345
VV.41103	VPC-95-28-G1/4-M-L	G1/4	6	M20x1	10	15	28	40	13	195
VV.41107	VPC-95-65-G1/4-M-L	G1/4	6	M20x1	10	15	65	40	13	240
VV.41109	VPC-95-95-M12-M-L	M12	6	M20x1	10	15	95	40	13	261
VV.41104	VPC-95-28-M12-M-L	M12	6	M20x1	10	15	28	40	13	196
VV.41108	VPC-95-65-M12-M-L	M12	6	M20x1	10	15	65	40	13	241
VV.41112	VPC-95-95-G1/4-M-L	G1/4	6	M20x1	10	15	95	40	13	262

* Compatible with compressed air tubes of the diameter in the table.