

## Anti-rotation mini vacuum cups spring suspensions

**Threaded connection male or female, steel, aluminium and brass**

### MATERIAL

Brass stem.  
Steel spring.  
Threaded sleeve and hexagonal nuts in nickel-plated brass.  
Quick fitting in blue anodised aluminium.

### STANDARD EXECUTION

- **VPG-F**: with female threaded connection and straight quick fitting.
- **VPG-F-L**: with female threaded connection and L-shaped quick fitting.
- **VPG-F-T**: with female threaded connection and T-shaped quick fitting.
- **VPG-M**: with male threaded connection and straight quick fitting.
- **VPG-M-L**: with male threaded connection and L-shaped quick fitting.
- **VPG-M-T**: with male threaded connection and T-shaped quick fitting.

### FEATURES

VPG vacuum cup suspensions comprise:

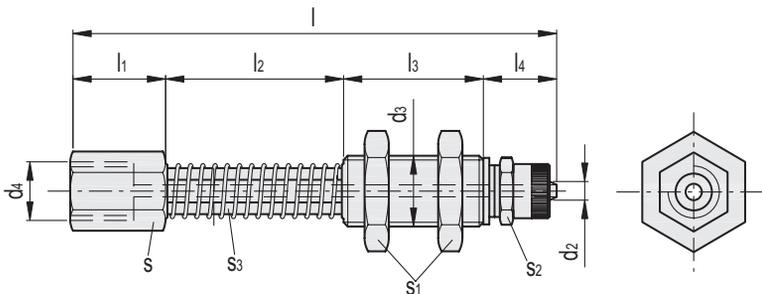
- a brass stem with a hexagonal cross-section for fixing the vacuum cup. This design prevents the stem and the vacuum cup fixed on it from rotating on its axis;
- a steel threaded sleeve, equipped with two hexagonal nuts, for height adjustment and for mounting them on the automation device;
- a spring 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 support, cup with a minimum diameter of 10 mm and a maximum of 60 mm, and elliptical.

The effective spring stroke in relation to the length  $l_2$  is equal to 25.5 mm.

Compatible with 4x6 diameter plastic tube.

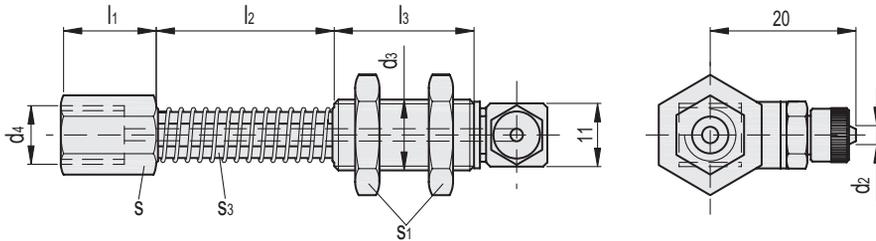
See Technical Data for vacuum cups (on page -).



### VPG-F

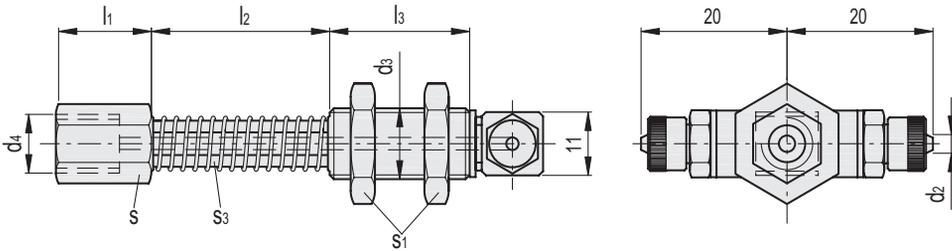
Code	Description	d2*	d3	d4	l	l1	l2	l3	l4	s	s1	s2	s3	
VV.45501	VPG-95-28-G1/8-F	4	M12x1.25	G1/8	99	16	35.5	30	17.5	12	19	10	8	68

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



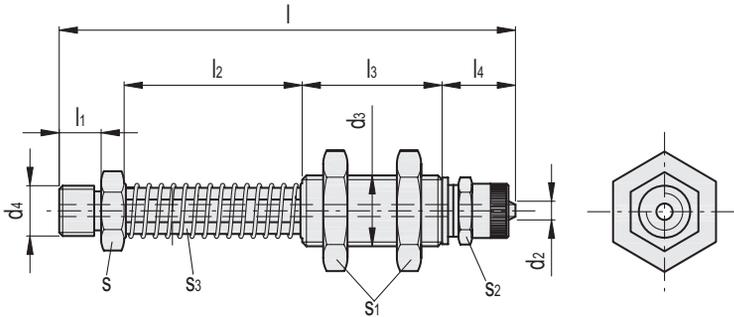
VPG-F-L

Code	Description	d2*	d3	d4	l1	l2	l3	s	s1	s2	⚖
VV.45502	VPG-95-28-G1/8-F-L	4	M12x1.25	G1/8	16	35.5	30	12	19	10	73



VPG-F-T

Code	Description	d2*	d3	d4	l1	l2	l3	s	s1	s2	⚖
VV.45503	VPG-95-28-G1/8-F-T	4	M12x1.25	G1/8	16	35.5	30	12	19	10	78

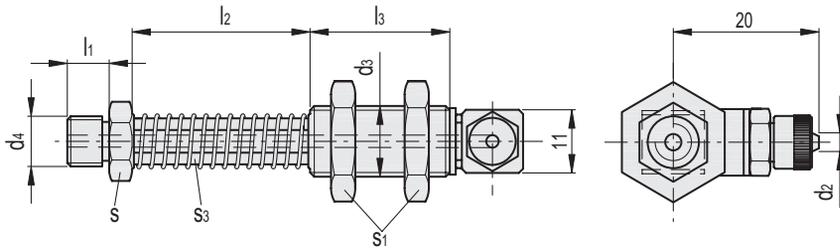


VPG-M

Code	Description	d2*	d3	d4	l	l1	l2	l3	l4	s	s1	s2	s3	⚖
VV.45504	VPG-95-38-G1/8-M	4	M12x1.25	G1/8	96	8	35.5	30	17.5	12	19	10	8	60

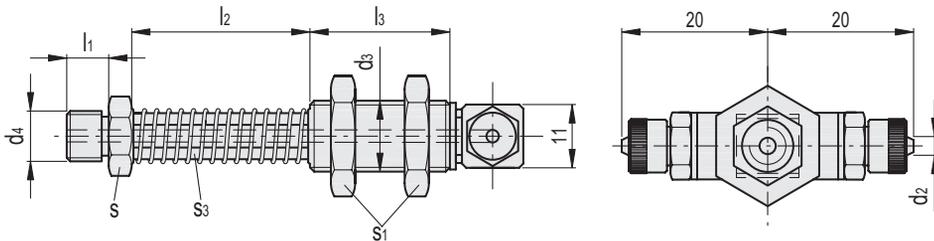
\* Compatible with compressed air tubes of the diameter in the table.





VPG-M-L

Code	Description	d2*	d3	d4	l1	l2	l3	s	s1	s2	Δ
VV.45505	VPG-95-38-G1/8-M-L	4	M12x1.25	G1/8	8	35.5	30	12	19	10	65



VPG-M-T

Code	Description	d2*	d3	d4	l1	l2	l3	s	s1	s2	Δ
VV.45506	VPG-95-38-G1/8-M-T	4	M12x1.25	G1/8	8	35.5	30	12	19	10	70

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

Vacuum components 23