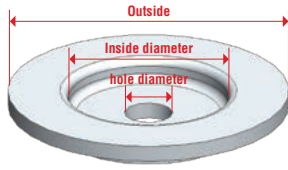




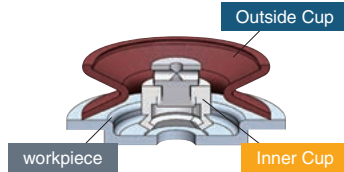
Pad in Pad Selection List

Through the combination of parts selection, make it possible to take out even the parts with hole.

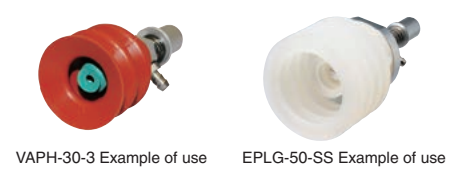
Applied Parts Sample View



Suction state image View



Sample Assembly



					Outside cup						
Order code No.					210697	210661	210662	210663	042071	042072	042073
TYPE					VAPH-15C-3	VAPH-20C-3	VAPH-30C-3	VAPH-40C-3	EPLG-30-S5	EPLG-40-S5	EPLG-50-S5
Applicable cup size					φ15	φ20	φ30	φ40	φ30	φ40	φ50
Pad inner diameter					φ8	φ11	φ15	φ18	φ19	φ25.7	φ35.7
Inner cup	Order code No.	TYPE	Applicable cup size	Product outer diameter Product hole diameter	φ12 or larger	φ15 or larger	φ19 or larger	φ22 or larger	φ21 or larger	φ26 or larger	φ37 or larger
	210897	VAPH-3C-3	φ3	φ0.1 ~ φ1	A	A	A	A			
	210789	VAPH-4M	φ4	φ0.1 ~ φ1.5	1.2.3 4.0mm	1.2.3 3.5mm	1.2.3 - 0.5mm	1.2.3 - 5.5mm			
	210790	VAPH-6M	φ6	φ0.1 ~ φ3		A	A	A			
	042038	EPJG-6-S	φ6	φ0.1 ~ φ3		1.2.3 4.0mm	1.2.3 ± 0mm	1.2.3 - 4.0mm			
	042039	EPJG-8-S	φ8	φ0.1 ~ φ4		A	A	A			
	042040	EPJG-10-S	φ10	φ0.1 ~ φ6		1.2.3 4.5mm	1.2.3 0.5mm	1.2.3 - 4.5mm			
	042041	EPJG-15-S	φ15	φ0.1 ~ φ10		B	B	B			
	042068	EPJG-20-S	φ20	φ0.1 ~ φ16		1.2.3 2.8mm	1.2.3 - 1.2mm	1.2.3 - 6.2mm			
	042069	EPJG-25-S	φ25	φ0.1 ~ φ20							
	042070	EPJG-30-S	φ30	φ0.1 ~ φ24							

A table view

Parts are selected from the following parts list.

Inner stem
Outside cup
Suction stem
Height difference

* Please use this setting table as a reference example of the combination.

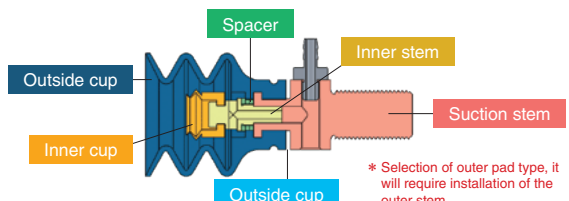
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Inner stem		
code	Order code No.	TYPE
A	210912	VFILK-PSS-M5
B	210911	VFILK-PS-M5
C	211118	VFILK-PIA-M5
D	211119	VFILK-PIB-M5
E	211120	VFILK-PIC-M5
F	211121	VFILK-PID-M5

Suction stem		
code	Order code No.	TYPE
1		VFIL-S series
2		VFILB-2-SSH series
3		VFILB-SH series
4		VFI-L series
5		VFILB2-SH1/8 series
6	210788	VFIL-H

Outside cup		
code	Order code No.	TYPE
G	211115	VFILA-PHB-1/8
H	211116	VFILA-PHC-1/8
I	211117	VFILA-PHD-1/8

Stem spacer		
code	Order code No.	TYPE
210913	1mm	VFILK-P-S
187128	6mm	SP-S5-6



* Selection of outer pad type, it will require installation of the outer stem.

The height difference between outer pad and inner pad during suction ON.

+ : The inner pad suction surface exceeds the outer pad suction surface.

- : The inner pad suction surface does not exceed the outer pad suction surface.

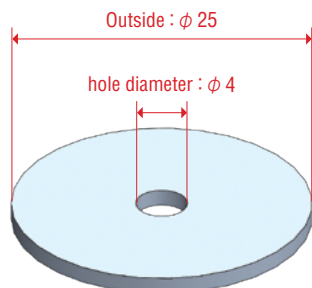
* It can not be adjusted from + value to -value. Therefore, combinations with a large + value can only be used for concave products.





► Selection method

e.g.1 Products with through hole Outside : $\phi 25$ Hole diameter : $\phi 4$ Height difference : 0mm



① Inner cup

The hole diameter of the product is $\phi 4$, so please select the pad that its hole diameter is more than $\phi 4$.

② Outside cup

Since the outside diameter of the product is $\phi 25$, select a pad with an applicable-to-product outside diameter of $\phi 25$ or less.

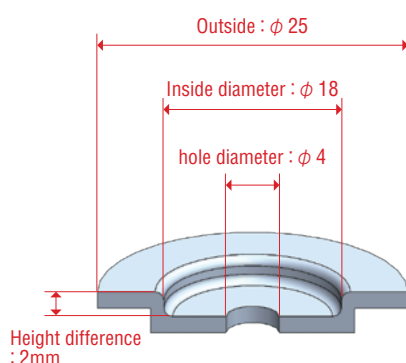
③ Spacer

Choose the pad that the value of the green frame in the form is minus from the selected pad, and please add the spacer to make sure the difference of height turn to ± 0 when in suction.

* The tolerance of air leak: ± 0.5 mm height difference.

* If you have more options, please snarrowdown the selection of parts as meet to the conditions of pirce and/ or size of components.

e.g.2 Concave product Outside : $\phi 25$ Inside diameter : $\phi 18$ Hole diameter : $\phi 4$ Height difference : 2mm



① Inner cup

The hole diameter of the product is $\phi 4$, so please select the pad that its hole diameter is more than $\phi 4$.

② Outside cup

Since the outside diameter of the product is $\phi 25$ and the inside diameter of the product is $\phi 18$, select a pad with an applicable-to-product outside diameter of $\phi 25$ or less and the outside diameter is $\phi 18$ or more.

③ Spacer

Add a spacer so that the numerical value in the green box in the pad selection box can be +2mm in length.

* Note with care that if the adjusted length is less than 2mm, air leak will occur.

* The tolerance of air leak: ± 0.5 mm height difference.

* If you have more options, please snarrowdown the selection of parts as meet to the conditions of pirce and/ or size of components.

► Introduction of production examples

Example 1



Molded product cap

Main components	Outside cup with Bellows	VAPH-20C-3
	Stop-gap cup	TPJG-8-S
	Suction stem	VFIL-S-5A
	Inner stem	VFILK-PS-M5

Example 2



Outside cup with bellows

Main components	Outside cup with Bellows	VAPH-20C-3
	Stop-gap cup	TPJG-8-S
	Suction stem	VFIL-S-5A
	Inner stem	VFILK-PS-M5

Example 3



Molded product caster

Main components	Outside cup with Bellows	EPLG-30-S5
	Stop-gap cup	EPJG-10-S
	Suction stem	VFILA-PHB-1/8
	Inner stem	VFILK-PIB-M5