

Suction Cup Fittings (With Pads)

Oval Type / Thin Object Type

Fixed Type Up: One-Touch (Shape K)

Type	Accessory	Pad Shape	Pad Material
MVEKN	VPET	Oval	Nitrile Rubber
MVEKS	VPES		Silicon Rubber
MVPKS	VPTS	For Thin Object	Nitrile Rubber
MVPKSS	VPTSS		Phlorosilicon

Oval Type No.4-10-6-30
Thin Object Type No.8, 10, 15, 20

RoHS10

Fitting Material: Brass Surface Treatment: Electroless Nickel Plating

Part Number	Pad Material	No.	X	Y	Mass g	Unit Price 1 ~ 30 pcs.
MVEK (Oval)	N	4-10	4	10	31.5	MVEKN MVEKS
		4-20		20	31.5	
		4-30		30	32.5	
		5-10	10	31.5		
		5-20	20	32		
		5-30	30	32.5		
	S	6-10	6	10	31.5	MVPKS MVPKSS
		6-20		20	32	
		6-30		30	32.5	

Part Number	Pad Material	No.	d	L1	B	L2	Mass g	Unit Price 1 ~ 30 pcs.
MVPK (Thin Object Type)	SS	8	8	5.5	30.3	8	10.2	MVPKS MVPKSS
		10	10	5.8	30.6	8.3	10.2	
		15	15	6.5	31.3	9	10.3	
		20	20	7.3	32.1	9.8	10.4	

Spring Type Up: One-Touch (Shape T)

Type	Accessory	Pad Shape	Pad Material
MVETN	VPET	Oval	Nitrile Rubber
MVETS	VPES		Silicon Rubber
MVPTS	VPTS	For Thin Object	Nitrile Rubber
MVPTSS	VPTSS		Phlorosilicon

Oval Type No.4-10-6-30
Thin Object Type No.8, 10, 15, 20

RoHS10

Fitting Material: Brass Surface Treatment: Electroless Nickel Plating

Part Number	Pad Material	No.	X	Y	Spring Max. Load (N)	Mass g	Unit Price 1 ~ 30 pcs.
MVET (Oval)	N	4-10	4	10	35	7.0~12.6	MVETN MVETS
		4-20		20	35.5		
		4-30		30	36		
		5-10	10	35			
		5-20	20	35.5			
		5-30	30	36			
	S	6-10	6	10	35	MVPTS MVPTSS	
		6-20		20	35.5		
		6-30		30	36		

Part Number	Pad Material	No.	d	L1	B	L2	Spring Max. Load (N)	Mass g	Unit Price 1 ~ 30 pcs.
MVPT (Thin Object Type)	SS	8	8	5.5	42.2	16.5	8.9	1.0~1.9	MVPTS MVPTSS
		10	10	5.8	42.5	16.8	8.9		
		15	15	6.5	43.2	17.5	9.0		
		20	20	7.3	44	18.3	9.1		

Spring Type Side: One-Touch (Shape L)

Type	Accessory	Pad Shape	Pad Material
MVELN	VPET	Oval	Nitrile Rubber
MVELS	VPES		Silicon Rubber
MVPLS	VPTS	For Thin Object	Nitrile Rubber
MVPLSS	VPTSS		Phlorosilicon

Oval Type No.4-10-6-30
Thin Object Type No.8, 10, 15, 20

RoHS10

Fitting Material: Brass Surface Treatment: Electroless Nickel Plating

Part Number	Pad Material	No.	X	Y	Spring Max. Load (N)	Mass g	Unit Price 1 ~ 30 pcs.
MVEL (Oval)	N	4-10	4	10	46.5	7.0~12.6	MVELN MVELS
		4-20		20	47		
		4-30		30	47.5		
		5-10	10	46.5			
		5-20	20	47			
		5-30	30	47.5			
	S	6-10	6	10	46.5	MVPLS MVPLSS	
		6-20		20	47		
		6-30		30	47.5		

Part Number	Pad Material	No.	d	L1	B	L2	Spring Max. Load (N)	Mass g	Unit Price 1 ~ 30 pcs.
MVPL (Thin Object Type)	SS	8	8	5.5	39.5	23.5	14.2	1.0~1.9	MVPLS MVPLSS
		10	10	5.8	39.8	23.8	14.2		
		15	15	6.5	40.5	24.5	14.3		
		20	20	7.3	41.3	25.3	14.4		

Direct-Mount Spring Type - Screw (Shape S)

Type	Accessory	Pad Shape	Pad Material
MVESN	VPET	Oval	Nitrile Rubber
MVES	VPES		Silicon Rubber
MVPSS	VPTS	For Thin Object	Nitrile Rubber
MVPSSS	VPTSS		Phlorosilicon

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Part Number	Pad Material	No.	X	Y	Spring Max. Load (N)	Mass g	Unit Price 1 ~ 30 pcs.
MVES (Oval)	N	4-10	4	10	54	7.9~15.0	MVESN MVES
		4-20		20	54.5		
		4-30		30	55		
		5-10	10	54			
		5-20	20	54.5			
		5-30	30	55			
	S	6-10	6	10	54	MVPSS MVPSSS	
		6-20		20	54.5		
		6-30		30	55		

Part Number	Pad Material	No.	d	L1	B	L2	Spring Max. Load (N)	Mass g	Unit Price 1 ~ 30 pcs.
MVPS (Thin Object Type)	SS	8	8	5.5	30.5	21	14.2	2.3~3.9	MVPSS MVPSSS
		10	10	5.8	30.8	21.3	14.2		
		15	15	6.5	31.5	22	14.3		
		20	20	7.3	32.3	22.8	14.4		

Spring Type Long Stroke (Shape R)

Type	Accessory	Pad Shape	Pad Material
MVERN	VPET	Oval	Nitrile Rubber
MVERS	VPES		Silicon Rubber

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Part Number	Pad Material	No.	X	Y	B	L1	L2	Spring Max. Load (N)	Mass g	Unit Price 1 ~ 20 pcs.
MVER (Oval)	N	4-10	4	10	69.1	35	20	3.3~10.0	37.5	MVERN MVERS
		4-20		20					38	
		4-30		30					38.5	
		5-10		10					37.5	
		5-20		20					38	
	S	5-30	6	30	38.5					
		6-10		10	37.5					
		6-20		20	38					
		6-30		30	38.5					

For orders larger than indicated quantity, please check with WOS.

Cautions for installation of Suction Cup Fittings
For Spring Type, Mount Fittings without tightening the Shaft parts with spanner, etc.
Otherwise, the Shaft key groove may be deformed, and may cause malfunction.

Ordering Example **Part Number**
VPET4-10