

Suction Cup Fittings (With Pads)

Sponge Type / Bellows Type

Fixed Type Up: One-Touch (Shape K)

Type	Accessory	Pad Shape	Pad Material
MVSKS	Suction Cups	VPSK	Sponge
MVBKN		VPBT	Bellows
MVBKE		VPBE	Bellows
			Chloroprene Rubber
			Nitrile Rubber
			Conductive Silicon Rubber

Sponge Type No.10~30 **Bellows Type No.10** **Bellows Type No.20~40**

RoHS 10

M Fitting Material: Brass S Surface Treatment: Electroless Nickel Plating

Spring Type - Up: One-Touch (Shape T)

Type	Accessory	Pad Shape	Pad Material
MVSTS	Suction Cups	VPSK	Sponge
MVBTN		VPBT	Bellows
MVBTE		VPBE	Bellows
			Chloroprene Rubber
			Nitrile Rubber
			Conductive Silicon Rubber

Sponge Type No.10~30 **Bellows Type No.10** **Bellows Type No.20~40**

RoHS 10

M Fitting Material: Brass S Surface Treatment: Electroless Nickel Plating

Part Number		Shape K							Unit Price	
Type	Pad Material	No.	D	d	L1	B	L2	M	Mass g	1 ~ 30 pc(s)
MVSK (Sponge)	S	10	6	10	9.5	37.2	15.1	M14x1.0	31.5	
		15	6	15	9.5	37.2	15.1	M14x1.0	32	
		20	6	20	15.5	43.2	21.1	M14x1.0	33.5	
		25	6	25	15.5	43.2	21.1	M14x1.0	35	
		30	6	30	15.5	43.2	21.1	M14x1.0	35	

Part Number		Shape T							Unit Price	
Type	Pad Material	No.	D	d	L1	B	L2	Mass g	Spring Max. Load (N)	1 ~ 30 pc(s)
MVST (Sponge)	S	10	6	10	9.5	61.6	27.5	35		
		15	6	15	9.5	61.6	27.5	35.5		
		20	6	20	15.5	67.6	33.5	37	7.0~12.6	
		25	6	25	15.5	67.6	33.5	38.5		
		30	6	30	15.5	67.6	33.5	38.5		

Part Number		Shape K							Unit Price	
Type	Pad Material	No.	D	d	L1	B	L2	M	Mass g	1 ~ 30 pc(s)
MVBK (Bellows)	NE	10	6	10	16	42.1	20	M12x1.0	21.5	
		20	6	20	19	46.7	24.6	M14x1.0	36.5	
		30	6	30	23	50.7	28.6	M14x1.0	40	
		40	6	40	30	57.7	35.6	M14x1.0	48.5	

Part Number		Shape T							Unit Price	
Type	Pad Material	No.	D	d	L1	B	L2	Mass g	Spring Max. Load (N)	1 ~ 30 pc(s)
MVBNT (Bellows)	NE	10	6	10	16	68.1	34	36	4.0~7.1	
		20	6	20	19	71.1	37	39.5		
		30	6	30	23	75.1	41	43.5	7.0~12.6	
		40	6	40	30	82.1	48	52		

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

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

Spring Type Side: One-Touch (Shape L)

Type	Accessory	Pad Shape	Pad Material
MVLS	Suction Cups	VPSK	Sponge
MVBLN		VPBT	Bellows
MVBLE		VPBE	Bellows
			Chloroprene Rubber
			Nitrile Rubber
			Conductive Silicon Rubber

Sponge Type No.10~30 **Bellows Type No.10** **Bellows Type No.20~40**

RoHS 10

M Fitting Material: Brass S Surface Treatment: Electroless Nickel Plating

Direct-Mount Spring Type - Screw (Shape S)

Type	Accessory	Pad Shape	Pad Material
MVSS	Suction Cups	VPSK	Sponge
MVBNS		VPBT	Bellows
MVBSE		VPBE	Bellows
			Chloroprene Rubber
			Nitrile Rubber
			Conductive Silicon Rubber

Sponge Type No.10~30 **Bellows Type No.10** **Bellows Type No.20~40**

RoHS 10

M Fitting Material: Brass S Surface Treatment: Electroless Nickel Plating

Part Number		Shape L							Unit Price	
Type	Pad Material	No.	D	d	L1	B	L2	Spring Max. Load (N)	Mass g	1 ~ 30 pc(s)
MVSL (Sponge)	S	10	6	10	9.5	59.6	36.5	46.5		
		15	6	15	9.5	59.6	36.5	47		
		20	6	20	15.5	65.6	42.5	48.5	7.0~12.6	
		25	6	25	15.5	65.6	42.5	50		
		30	6	30	15.5	65.6	42.5	50		

Part Number		Shape S							Unit Price
Type	Pad Material	No.	d	L1	B	L2	Mass g	Spring Max. Load (N)	1 ~ 30 pc(s)
MVSS (Sponge)	S	10	10	9.5	53.5	41.8	54		
		15	15	9.5	53.5	41.8	54.5		
		20	20	15.5	59.5	47.8	56	7.9~15.0	
		25	25	15.5	59.5	47.8	57.5		
		30	30	15.5	59.5	47.8	57.5		

Part Number		Shape L							Unit Price	
Type	Pad Material	No.	D	d	L1	B	L2	Mass g	Spring Max. Load (N)	1 ~ 30 pc(s)
MVBL (Bellows)	NE	10	6	10	16	66.1	43	48	4.0~7.1	
		20	6	20	19	69.1	46	51.5		
		30	6	30	23	73.1	50	55	7.0~12.6	
		40	6	40	30	80.1	57	63.5		

Part Number		Shape S							Unit Price
Type	Pad Material	No.	d	L1	B	L2	Mass g	Spring Max. Load (N)	1 ~ 30 pc(s)
MVBS (Bellows)	NE	10	10	16	59	47.3	56		
		20	20	19	63	51.3	58.5	7.9~15.0	
		30	30	23	67	55.3	62		
		40	40	30	74	62.3	70.5		

Spring Type Long Stroke (Shape R)

Type	Accessory	Pad Shape	Pad Material
MVRS	Suction Cups	VPSK	Sponge
MVB RN		VPBT	Bellows
MVBRE		VPBE	Bellows
			Chloroprene Rubber
			Nitrile Rubber
			Conductive Silicon Rubber

Sponge Type No.10~30 **Bellows Type No.10~40**

RoHS 10

M Fitting Material: Brass S Surface Treatment: Electroless Nickel Plating

Part Number		Shape R							Unit Price	
Type	Pad Material	No.	D	d	L1	B	L2	Mass g	Spring Max. Load (N)	1 ~ 20 pc(s)
MVSR (Sponge)	S	10	6	10	9.5	67.6	33.5	37.5	3.3~10.0	
		15	6	15	9.5	67.6	33.5	38	3.3~10.0	
		20	6	20	15.5	73.6	39.5	39.5	3.3~10.0	
		25	6	25	15.5	73.6	39.5	41	3.3~10.0	
		30	6	30	15.5	73.6	39.5	41	3.3~10.0	

Part Number		Shape R							Unit Price	
Type	Pad Material	No.	D	d	L1	B	L2	Mass g	Spring Max. Load (N)	1 ~ 20 pc(s)
MVB R (Bellows)	NE	10	6	10	16	72.6	38.5	37	2.0~5.2	
		20	6	20	19	77.1	43	42	3.3~10.0	
		30	6	30	23	81.1	47	45.5	3.3~10.0	
		40	6	40	30	88.1	54	54.5	3.3~10.0	

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**
MVSKS10