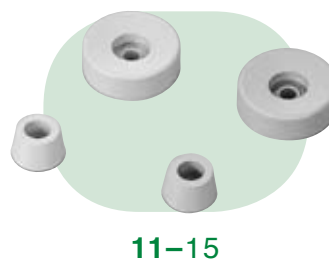


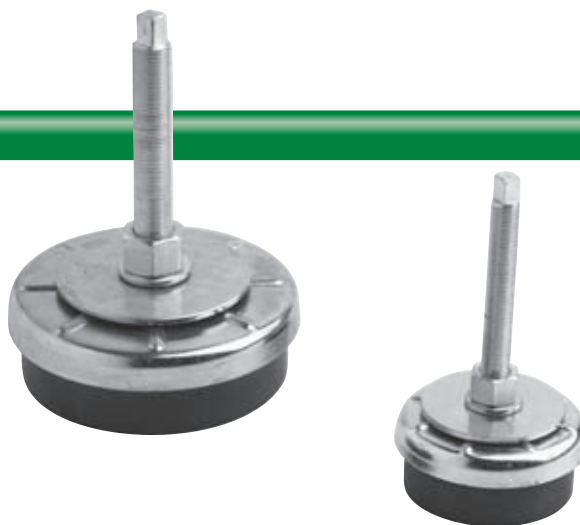
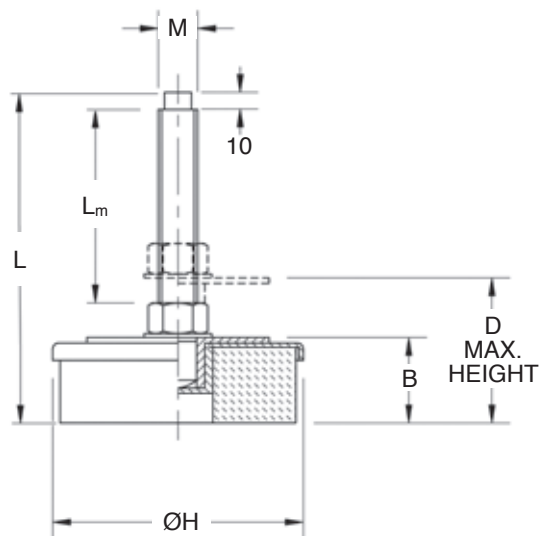
SECTION
11

Leveling Mounts & Support Feet
MVA



11





- **ISOLATOR** – Nitrile Rubber Compound • **BASE** – Steel, Zinc Plated
- **BOLT, NUT & WASHER** – Steel, Zinc Plated

Catalog Number	ØH	L	D	B	M	L _m	Across Bolt Flats	Maximum Load N (kgf)	
MVAYMKM080	80	140	47	35	M12 X 1.25	72	8	5000	(510)
MVAYMKM120	120	150	53	40	M16 X 1.5		10	10000	(1020)
MVAYMKM160	160	180	65	50	M20 X 1.5	103	12	20000	(2039)
MVAYMKM200	200	192	75	60				40000	(4079)

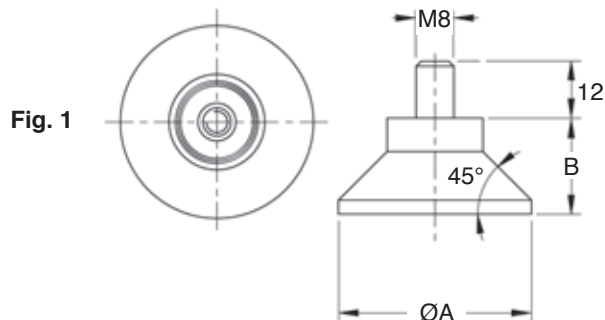


Fig. 1

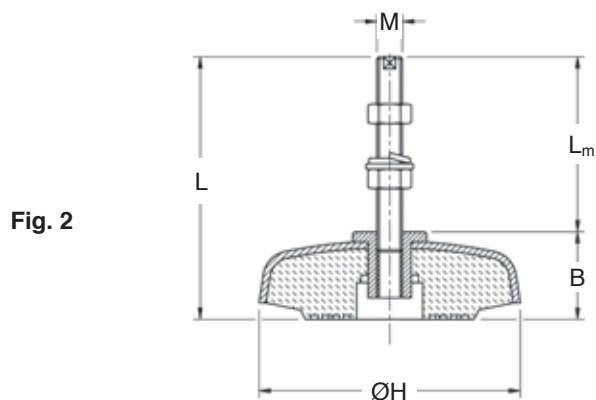


Fig. 2



Fig. 1



Fig. 2

Suction Foot Mounts

Fig. 1 • **ISOLATOR** – PVC, Black
• **SCREW** – Steel, Zinc Plated

Catalog Number	ØA	B	Maximum Load N (kgf)
MVAYPVM1 MVAYPVM2	40	20 30	1000 (102)
MVAYPVM3 MVAYPVM4	50	20 30	1500 (153)

Leveling Mounts

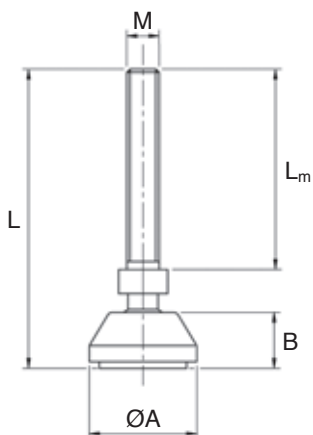
Fig. 2 • **ISOLATOR** – Nitrile Rubber Compound • **BASE** – Steel, Zinc Plated
• **BOLT, NUTS & WASHERS** – Steel, Zinc Plated

Catalog Number	L	ØH	B	M	L _m	Across Bolt Flats	Maximum Load N (kgf)
MVAYTEM080 MVAYTEM110 MVAYTEM140 MVAYTEM200	94 144 155 224	80 110 140 200	29 34 45 74	M12 M14 M16 M20	65 110 110 150	8 10 12 16	5000 (510) 10000 (1019) 15000 (1529) 30000 (3059)

MOUNTS, ADJUSTABLE FOOT, 40 mm

RoHS
COMPLIANT

Moderate Antivibration



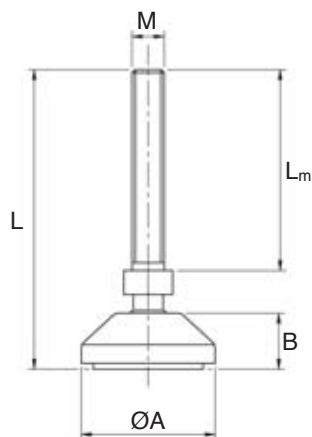
- **ISOLATOR** – Polyamide, Fiberglass Reinforced
- **LATERAL ADJUSTMENT** – Approx. 15°
- **SWIVEL SPINDLE** • **ANTISLIP PLATE**

Catalog Number	A	B	L	M	L _m	Swivel Spindle Material	Max. Load N (kgf)
MVAYNAM40/08 MVAYNAM40/08X	40	22	98	M8	65	Steel, Zinc Plated Stainless Steel	5000 (510)
MVAYNAM40/10 MVAYNAM40/10L MVAYNAM40/10X MVAYNAM40/10XL MVAYNAM40/10Y MVAYNAM40/10YL	40	22	93 148 93 148 100 160	M10	60 115 60 115 60 120	Steel, Zinc Plated Steel, Zinc Plated Stainless Steel Stainless Steel Steel, Zinc Plated, Nylon Ball Steel, Zinc Plated, Nylon Ball	5000 (510)
MVAYNAM40/12 MVAYNAM40/12L MVAYNAM40/12X MVAYNAM40/12XL MVAYNAM40/12Y MVAYNAM40/12YL	40	22	96 163 96 163 100 160	M12	63 130 63 130 60 120	Steel, Zinc Plated Steel, Zinc Plated Stainless Steel Stainless Steel Steel, Zinc Plated, Nylon Ball Steel, Zinc Plated, Nylon Ball	5000 (510)
MVAYNAM40/14	40	22	98	M14	65	Steel, Zinc Plated	5000 (510)
MVAYNAM40/16 MVAYNAM40/16L MVAYNAM40/16X MVAYNAM40/16XL	40	22	112 167 112 167	M16	75 130 75 130	Steel, Zinc Plated Steel, Zinc Plated Stainless Steel Stainless Steel	5000 (510)

MOUNTS, ADJUSTABLE FOOT, 50 mm

RoHS
COMPLIANT

Moderate Antivibration



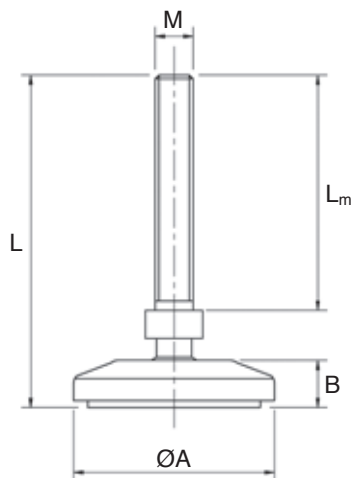
- **ISOLATOR** – Polyamide, Fiberglass Reinforced • **LATERAL ADJUSTMENT** – Approx. 15°
- **SWIVEL SPINDLE** • **ANTISLIP PLATE**

Catalog Number	A	B	L	M	L _m	Swivel Spindle Material	Max. Load N (kgf)
MVAYNAM50/08 MVAYNAM50/08X	50	22	98	M8	65	Steel, Zinc Plated Stainless Steel	5000 (510)
MVAYNAM50/10 MVAYNAM50/10L MVAYNAM50/10X MVAYNAM50/10XL MVAYNAM50/10Y MVAYNAM50/10YL	50	22	93 148 93 148 100 160	M10	60 115 60 115 60 120	Steel, Zinc Plated Steel, Zinc Plated Stainless Steel Stainless Steel Steel, Zinc Plated, Nylon Ball Steel, Zinc Plated, Nylon Ball	5000 (510)
MVAYNAM50/12 MVAYNAM50/12L MVAYNAM50/12X MVAYNAM50/12XL MVAYNAM50/12Y MVAYNAM50/12YL	50	22	96 163 96 163 100 160	M12	63 130 63 130 60 120	Steel, Zinc Plated Steel, Zinc Plated Stainless Steel Stainless Steel Steel, Zinc Plated, Nylon Ball Steel, Zinc Plated, Nylon Ball	5000 (510)
MVAYNAM50/14	50	22	98	M14	65	Steel, Zinc Plated	5000 (510)
MVAYNAM50/16 MVAYNAM50/16L MVAYNAM50/16X MVAYNAM50/16XL	50	22	112 167 112 167	M16	75 130 75 130	Steel, Zinc Plated Steel, Zinc Plated Stainless Steel Stainless Steel	5000 (510)

MOUNTS, ADJUSTABLE FOOT, 80 mm

RoHS
COMPLIANT

Moderate Antivibration



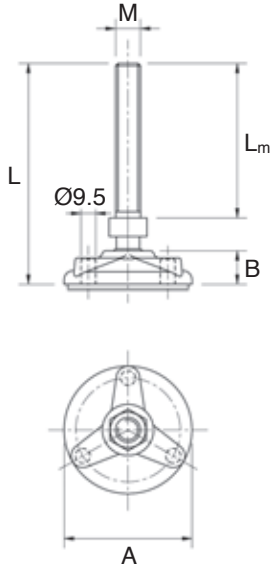
- **ISOLATOR** – Polyamide, Fiberglass Reinforced • **LATERAL ADJUSTMENT** – Approx. 15°
- **SWIVEL SPINDLE** • **ANTISLIP PLATE**

Catalog Number	A	B	L	M	L _m	Swivel Spindle Material	Max. Load N (kgf)
MVAYNAM80/08 MVAYNAM80/08X	80	19	96	M8	65	Steel, Zinc Plated Stainless Steel	10000 (1020)
MVAYNAM80/10 MVAYNAM80/10L MVAYNAM80/10X MVAYNAM80/10XL MVAYNAM80/10Y MVAYNAM80/10YL	80	19	91 146 91 146 98 158	M10	60 115 60 115 60 120	Steel, Zinc Plated Steel, Zinc Plated Stainless Steel Stainless Steel Steel, Zinc Plated, Nylon Ball Steel, Zinc Plated, Nylon Ball	10000 (1020)
MVAYNAM80/12 MVAYNAM80/12L MVAYNAM80/12X MVAYNAM80/12XL MVAYNAM80/12Y MVAYNAM80/12YL	80	19	94 161 94 161 98 158	M12	63 130 63 130 60 120	Steel, Zinc Plated Steel, Zinc Plated Stainless Steel Stainless Steel Steel, Zinc Plated, Nylon Ball Steel, Zinc Plated, Nylon Ball	10000 (1020)
MVAYNAM80/14	80	19	96	M14	65	Steel, Zinc Plated	10000 (1020)
MVAYNAM80/16 MVAYNAM80/16L MVAYNAM80/16X MVAYNAM80/16XL MVAYNAM80/20 MVAYNAM80/20L	80	19	110 165 110 165 120 175	M16 M20	75 130 75 130 85 140	Steel, Zinc Plated Steel, Zinc Plated Stainless Steel Stainless Steel Steel, Zinc Plated Steel, Zinc Plated	10000 (1020)

MOUNTS, ADJUSTABLE FIXABLE FOOT, 80 mm



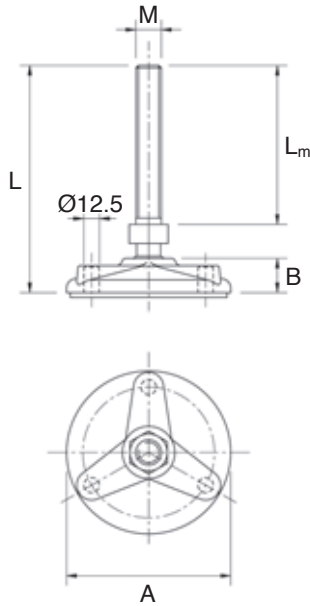
Moderate Antivibration



- **ISOLATOR** – Polyamide, Fiberglass Reinforced
- **LATERAL ADJUSTMENT** – Approx. 15°
- **SWIVEL SPINDLE** • **ANTISLIP PLATE**

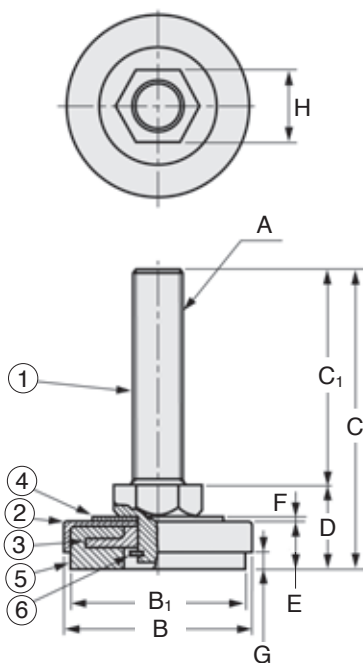
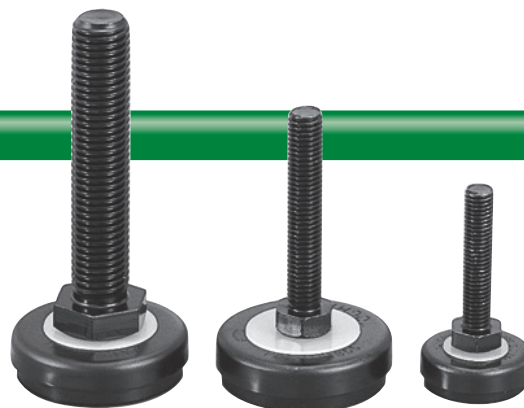
Catalog Number	A	B	L	M	L _m	Swivel Spindle Material	Max. Load N (kgf)
MVAYNFM080/08	80	24	101	M8	65	Steel, Zinc Plated	12000 (1224)
MVAYNFM080/08X						Stainless Steel	
MVAYNFM080/10	80	24	96	M10	60	Steel, Zinc Plated	12000 (1224)
MVAYNFM080/10L			151		115	Steel, Zinc Plated	
MVAYNFM080/10X			96		60	Stainless Steel	
MVAYNFM080/10XL			151		115	Stainless Steel	
MVAYNFM080/10Y			103		60	Steel, Zinc Plated, Nylon Ball	
MVAYNFM080/10YL			163		120	Steel, Zinc Plated, Nylon Ball	
MVAYNFM080/12	80	24	99	M12	63	Steel, Zinc Plated	12000 (1224)
MVAYNFM080/12L			166		130	Steel, Zinc Plated	
MVAYNFM080/12X			99		63	Stainless Steel	
MVAYNFM080/12XL			166		130	Stainless Steel	
MVAYNFM080/12Y			103		60	Steel, Zinc Plated, Nylon Ball	
MVAYNFM080/12YL			163		120	Steel, Zinc Plated, Nylon Ball	
MVAYNFM080/14	80	24	101	M14	65	Steel, Zinc Plated	12000 (1224)
MVAYNFM080/16	80	24	115	M16	75	Steel, Zinc Plated	12000 (1224)
MVAYNFM080/16L			170		130	Steel, Zinc Plated	
MVAYNFM080/16X			115		75	Stainless Steel	
MVAYNFM080/16XL			170		130	Stainless Steel	
MVAYNFM080/20			125	M20	85	Steel, Zinc Plated	
MVAYNFM080/20L			180		140	Steel, Zinc Plated	

MOUNTS, ADJUSTABLE FIXABLE FOOT, 100 mm



- **ISOLATOR** – Polyamide, Fiberglass Reinforced • **LATERAL ADJUSTMENT** – Approx. 15°
- **SWIVEL SPINDLE** • **ANTISLIP PLATE**

Catalog Number	A	B	L	M	L _m	Swivel Spindle Material	Max. Load N (kgf)
MVAYNFM100/12	100	24	99	M12	63	Steel, Zinc Plated	14000 (1428)
MVAYNFM100/12L			166		130	Steel, Zinc Plated	
MVAYNFM100/12X			99		63	Stainless Steel	
MVAYNFM100/12XL			166		130	Stainless Steel	
MVAYNFM100/12Y			103		60	Steel, Zinc Plated, Nylon Ball	
MVAYNFM100/12YL			163		120	Steel, Zinc Plated, Nylon Ball	
MVAYNFM100/14	100	24	101	M14	65	Steel, Zinc Plated	14000 (1428)
MVAYNFM100/16	100	24	115	M16	75	Steel, Zinc Plated	14000 (1428)
MVAYNFM100/16L			170		130	Steel, Zinc Plated	
MVAYNFM100/16X			115		75	Stainless Steel	
MVAYNFM100/16XL			170	M20	130	Stainless Steel	
MVAYNFM100/20			125		85	Steel, Zinc Plated	
MVAYNFM100/20L			180		140	Steel, Zinc Plated	



• **APPLICATIONS**

Computers / Boxes for Measuring instruments /
Office automation appliances / Medical instruments

• **CHARACTERISTICS**

This adjustable foot has rubber on the contact surface, effectively preventing slippage. Can be combined with casters to assist mobility. Five different standard screw sizes are available for various applications.

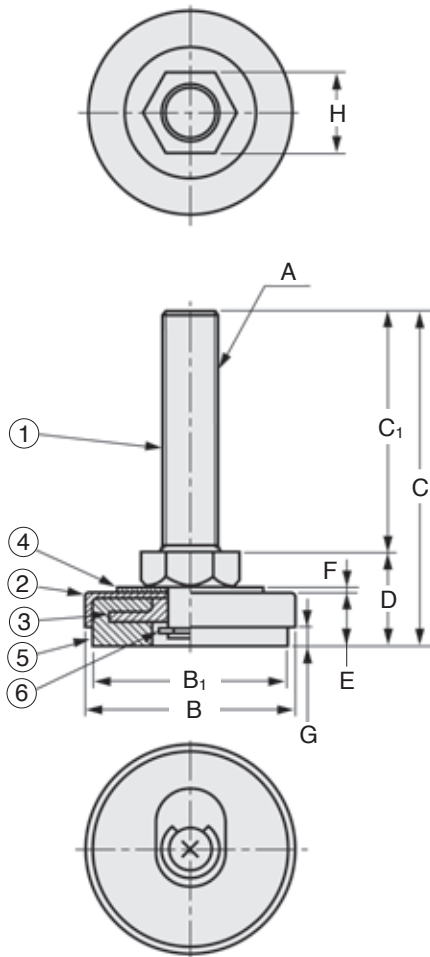
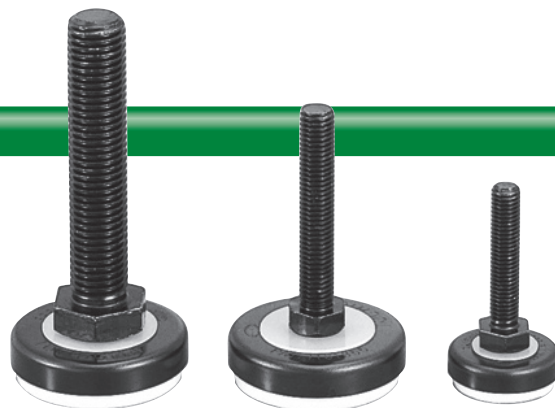
• **PARTS LIST**

No.	Part Name	Material	Finish	Qty.
1	Threaded Stud	Carbon Steel	Black Zinc Plated	1
2	Cover	Steel	Zinc Plated	
3	Core		Natural Color	
4	Washer	Nylon	Black	
5	Foot	Rubber	—	
6	E-ring	Stainless Steel	—	

• **MOUNTS**

Catalog Number	A	B	B ₁	C	C ₁	D	E	F	G	H
MVAT0MM1TM73-3	M8 X 1.25	Ø37.7	Ø34	78.5	60	18.5	12.5	1	4	13
MVAT0MM2TM73-2	M10 X 1.5			70.5	50	20.5				17
MVAT0MM3TM73-4	M12 X 1.75	Ø60.5	Ø56	95	70	25	16		5	19
MVAT0MM4TM73-5	M16 X 2			97		27				24
MVAT0MM5TM73-1	M20 X 2.5			127	100	27				30

Catalog Number	Max. Vertical Compressive Load N (kgf)	Net Weight g
MVAT0MM1TM73-3	3430 (350)	70
MVAT0MM2TM73-2		84
MVAT0MM3TM73-4	4410 (450)	217
MVAT0MM4TM73-5		279
MVAT0MM5TM73-1		413



• **APPLICATIONS**

Medical instruments / Screen printers / Semiconductor equipment

• **CHARACTERISTICS**

Similar to ...TM73 leveling mounts but modified with rubber which has less tendency for stain transfer. Reduces unsightly marks on the shop and office floor.

• **SPECIFICATIONS**

Test for stain transfer is based on JIS K-6403 Appendix using the test plate of white painted board. Evaluation is according to JIS L-0805 gray scale for staining.

Test Results: ...TM73W Series: grade 5

...TM73 Series: about grade 3

Actual results may vary depending on the contact surface and environment.

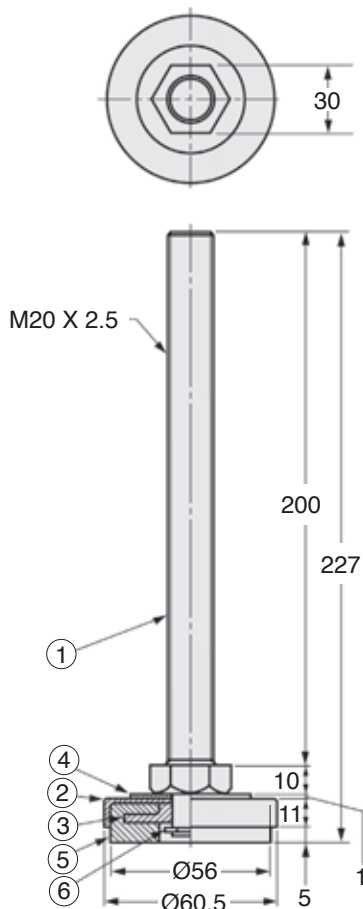
• **PARTS LIST**

No.	Part Name	Material	Finish	Qty.
1	Threaded Stud	Carbon Steel	Black Zinc Plated	1
2	Cover	Steel		
3	Core		Zinc Plated	
4	Washer	Nylon	Natural Color	
5	Foot	Silicon Rubber	White	
6	E-ring	Stainless Steel	—	

11 • MOUNTS

Catalog Number	A	B	B ₁	C	C ₁	D	E	F	G	H	Max. Vertical Compressive Load N (kgf)	Net Weight g	
MVAT0MM1TM73W-3	M8 X 1.25	Ø37.7	Ø34	78.5	60	18.5	12.5	1	4	13	3430 (350)	70.6	
MVAT0MM2TM73W-2	M10 X 1.5			70.5	50	20.5				17		84	
MVAT0MM3TM73W-4	M12 X 1.75	Ø60.5	Ø56	95	70	25	16		5	19	4410 (450)	217.6	
MVAT0MM4TM73W-5	M16 X 2			97		27				24		278.4	
MVAT0MM5TM73W-1	M20 X 2.5			127	100	27				30		413.2	

MOUNT, LEVELING - Long Stud Model



• APPLICATIONS

Transporter devices / Maintenance devices /
Other general industrial machines.

• CHARACTERISTICS

This part is the same as **MVAT0MM5TM73-1** except for a longer threaded stud. It is suitable for use with casters which are relatively large in diameter. The foot is made of silicone rubber to reduce scuffing of the floor. See page (11–11) for how it is tested for resistance to stain.

• NOTE

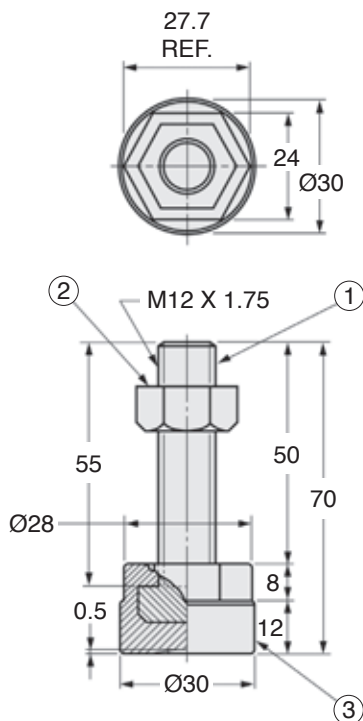
A threaded stud shorter than 200 mm is available on special request.

• PARTS LIST

No.	Part Name	Material	Finish	Qty.
1	Threaded Stud	Carbon Steel	Black Zinc Plated	1
2	Cover	Steel	Zinc Plated	
3	Core		Natural Color	
4	Washer	Nylon	White	
5	Foot	Silicon Rubber	—	
6	E-ring	Stainless Steel	—	

• MOUNT

Catalog Number	Net Weight g
MVAT1MMTM73L	618



• **APPLICATIONS**

Vending machines / Machine tools

• **CHARACTERISTIC**

A low-cost level adjuster for a heavyweight object.

• **NOTE**

Do not apply any compressive load on it while adjusting a level.

• **PARTS LIST**

No.	Part Name	Material	Finish	Qty.
1	Hex. Head Bolt	Steel	Bright Zinc Plated	1
2	Hexagonal Nut			
3	Foot	Polyethylene	Black	

• **MOUNT**

Catalog Number	Max. Vertical Compressive Load N (kgf)	Net Weight g
MVAT2MMTM94	3920 (400)	81

FOOT, K-TYPE RUBBER

RoHS
COMPLIANT

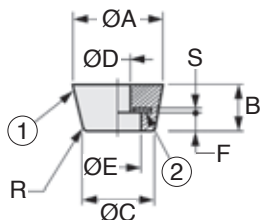


Fig. 1
Cone Type

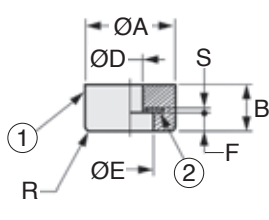


Fig. 2
Flat Type

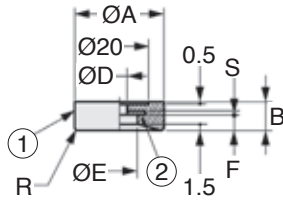
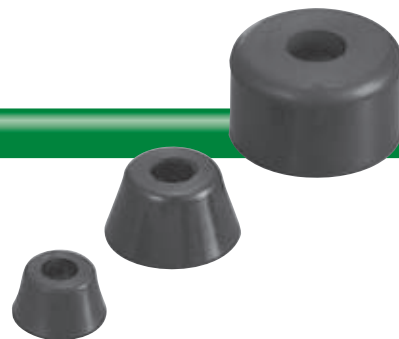


Fig. 3
K12W



• APPLICATIONS

Machine tools / Measuring instruments /
Telecommunication devices / Computers

• CHARACTERISTICS

A single screw is all you need to install.
A foot for various industrial devices.

NOTE: Figures show models with washers.

• PARTS LIST

No.	Part Name	Material	Finish	Qty
1	Foot	Rubber	Black	1
2	Washer	Stainless Steel	—	

• FOOT

Catalog Number	Net Weight g	Catalog Number	Net Weight g	Fig.	A	B	C	D	E	F	R	S
Without Washer		With Washer										
MVAT4FM01K7	0.6	MVAT4FM01K7W	0.7	1	10	8	9	3	6	5	—	0.5
MVAT4FM02K11	0.7	MVAT4FM02K11W	0.8		12	6	10	3	6	3	1	
MVAT4FM03K5	1.8	MVAT4FM03K5W	1.9		16	9	13	3	8	6	—	
MVAT4FM04K3	2.2	MVAT4FM04K3W	2.2	2	17	12	10	2*	4	5	—	0.8
MVAT4FM05K10	2.3	MVAT4FM05K10W	2.5		20	10	15	3.5	10	7	1	
MVAT4FM06K17	3.1	MVAT4FM06K17W	3.9		20	11	15	3.5	8	4	2	
MVAT4FM07K2	3.4	MVAT4FM07K2W	3.5	1	22	9	—	4	8	3	—	0.8
MVAT4FM08K13	3.8	MVAT4FM08K13W	3.8	2		12	16	3	8	5	—	
MVAT4FM09K4	3.8	MVAT4FM09K4W	3.9	1		14	18	4	9	8	—	
MVAT4FM10K14	5.3	MVAT4FM10K14W	5.5	2	30	9	—	3	8	3.5	1	0.8
MVAT4FM11K6	5.8	MVAT4FM11K6W	6	1		14	18	4	9	8	—	
MVAT4FM12K15	11.3	MVAT4FM12K15W	16.4	2		20	26	3	12	8	1	
MVAT4FM13K12	7.3	MVAT4FM13K12W	8.2	3	40	9	—	5.2	12	5	1	0.8
MVAT4FM14K1	9.7	MVAT4FM14K1W	10.5	1		15	22	3	10	8	2	
MVAT4FM15K8	10	MVAT4FM15K8W	10.6	1		16	20	4	10	7	2	
MVAT4FM16K9	16.5	MVAT4FM16K9W	18	1	2	20	26	5	12	8	1.5	0.8
MVAT4FM17K16	29	MVAT4FM17K16W	30.2	2		22	—	6.5	14	6.5	4	

*D = 2.2 for ...04K3W.

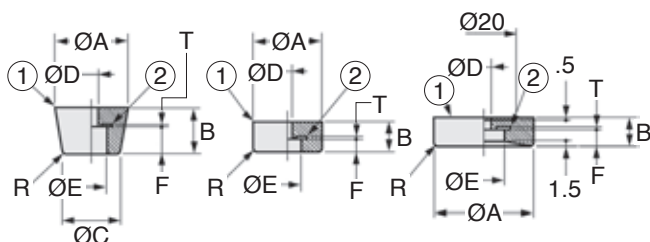
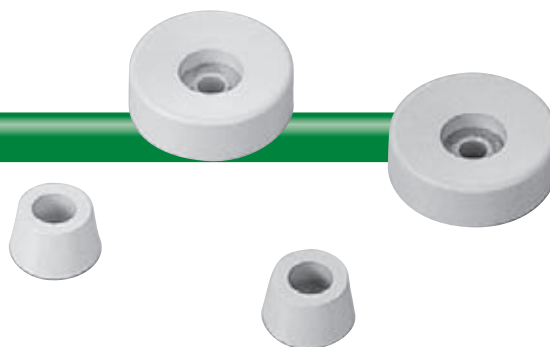


Fig. 1
Cone Type
(With Washer)

Fig. 2
Flat Type
(With Washer)

Fig. 3
CK-12, UK-12
(With Washer)

• PARTS LIST

No.	Part Name	Material	Finish	Qty.
1	Foot	Rubber	—	1
2	Washer	Steel	Zinc Plated	

• APPLICATIONS

CK-Type: Medical instruments / Physical and chemical devices /
Measuring instruments

UK-Type: Office automation appliances / Office utilities /
Measuring instruments

• CHARACTERISTICS

CK-Type: Stain transfer resistance is improved compared with ordinary
products. Available with stain transfer index of grade 4.

UK-Type: It uses UL standard approved material. It can be used as a part
of devices for export.

• SPECIFICATIONS

CK-Type: Stain transfer index: ...CK Series: grade 3 as compared
to our standard ...K Series (page 11–14) which is grade 2
Actual results may vary depending on the contact surface
and environment.

1. Test method: JIS K-6403 Appendix.

2. Test plate: White Paint Board.

3. Evaluation: JIS L-0805 Gray Scale for Assessing Staining.

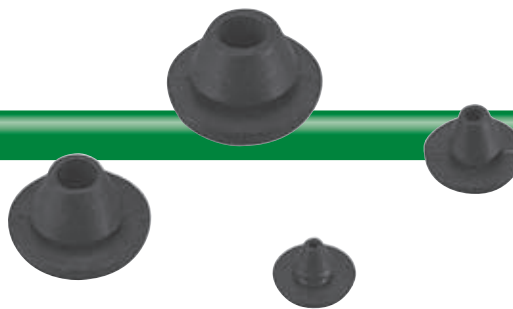
UK-Type: Fire Resistance (UL Standard) - 94V-0

• RUBBER FOOT CK-TYPE • MATERIAL – SBR – Rubber

Catalog Number	Fig.	A	B	C	D	E	F	R	T	Net Weight g	Hardness	Color
MVAT3FM1CK7	1	10	8	9	3	6	5	—	0.5	0.7	60±5°	Gray
MVAT3FM2CK11		12	6	10				1				
MVAT3FM3CK5		16	9	13				—				
MVAT3FM4CK17	2	20	8	—	4.5	9.5	4	1	0.8	3.7	60±5°	Gray
MVAT3FM5CK12	3	30	9	—	5.2	12	5			8.5		

• RUBBER FOOT UK-TYPE • MATERIAL – CR – Rubber

Catalog Number	Fig.	A	B	C	D	E	F	R	T	Net Weight g	Hardness	Color
MVAT3FM1UK7	1	10	8	9	3	6	5	—	0.5	0.7	60±5°	Yellow Ocher
MVAT3FM2UK11		12	6	10				1				
MVAT3FM3UK5		16	9	13				—				
MVAT3FM4UK17	2	20	8	—	4.5	9.5	4	1	0.8	3.9	60±5°	Yellow Ocher
MVAT3FM5UK12	3	30	9	—	5.2	12	5			9.1		

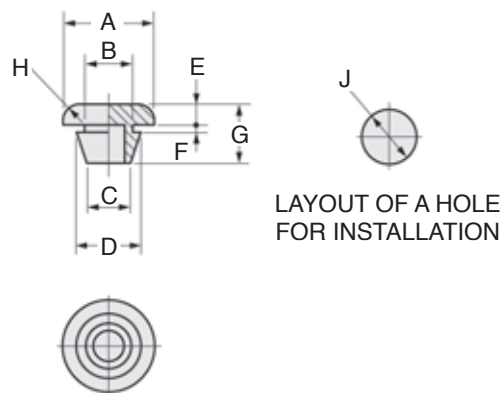


• APPLICATIONS

Machine tools / Office automation appliances /
Home appliances / Transport machines

• CHARACTERISTICS

Easy to install. Creates an instant cushion by simply
pressing the rubber foot into a hole to fix.



• FOOT – Rubber, Black

Catalog Number	A	B	C	D	E	F	G	H	J	Hardness	Net Weight g
MVAT5FMTM9601	Ø8	Ø3	Ø2	Ø4	2	1	6	R2	Ø3.4	70°±5°	0.2
MVAT5FMTM9602						1.2	6.2				
MVAT5FMTM9603						1.6	6.6				
MVAT5FMTM9604	Ø10	Ø4	Ø3	Ø5.5	3	1	8	R3	Ø4.4		0.3
MVAT5FMTM9605						1.2	8.2				0.4
MVAT5FMTM9606						1.6	8.6				
MVAT5FMTM9607	Ø12	Ø5	Ø4	Ø7		1	8	R3	Ø5.4		0.5
MVAT5FMTM9608						1.2	8.2				
MVAT5FMTM9609						1.6	8.6				0.6
MVAT5FMTM9610	Ø14	Ø6	Ø5	Ø9		1	10	R4	Ø6.6	55°±5°	1
MVAT5FMTM9611						1.2	10.2				
MVAT5FMTM9612						1.6	10.6				
MVAT5FMTM9613	Ø16	Ø8	Ø7	Ø11	4	1	10	R4	Ø8.6		1.4
MVAT5FMTM9614						1.2	10.2				
MVAT5FMTM9615						1.6	10.6				
MVAT5FMTM9616	Ø18	Ø10	Ø9	Ø13		1	11		Ø10.6		1.9
MVAT5FMTM9617						1.2	11.2				2.1
MVAT5FMTM9618						1.6	11.6				