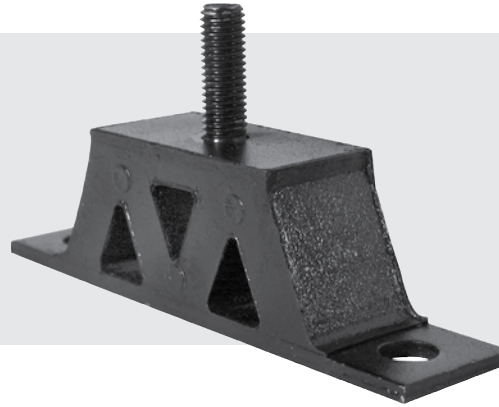
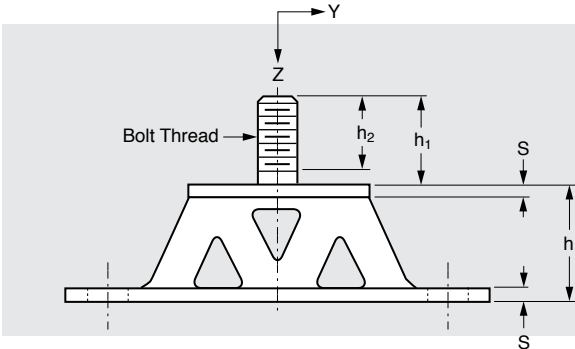




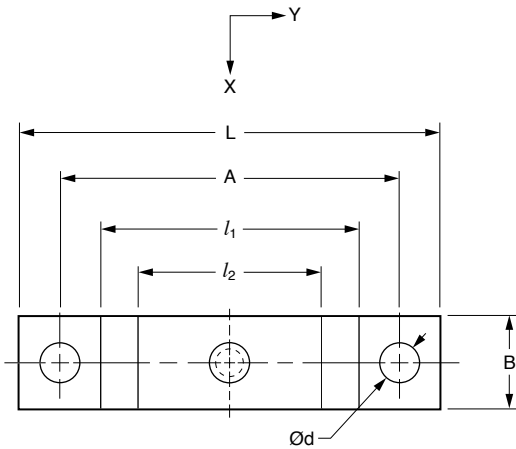
# M-Style Mounts

• **MATERIAL:** Mounting Plates – Mild Steel, Painted  
Isolators – Natural Rubber, 60 Durometer

• **FOR STANDARD LOADS OF 15 TO 125 kgf (33.1 TO 275.6 lb.)**



Metric



### APPLICATIONS

- VIBRATION SCREEN
- VIBRATION CONVEYORS
- VIBRATION SIEVES
- INSTRUMENT PANELS
- REFRIGERATORS
- COMPRESSORS

### FEATURES:

- Compared with circular rubber mounts, they ensure lower spring rate in vertical direction and higher stability in horizontal direction. Suited for machines which generate considerable vibrations during low-speed operation.
- Excellent in controlling vibrations of 600 cpm or higher.
- Can be installed in very small areas because of its narrow width.
- Used for oscillating motions.

### DIMENSIONS

Catalog Number	L	A	B	$l_1$	$l_2$	S	h	$h_1$	$h_2$	d	Bolt Thread
V10Z46MKD040	125 (4.9)	104 (4.1)	30 (1.2)	80 (3.1)	55 (2.2)	4.5 (.18)	40 (1.6)	29 (1.14)	25 (.98)	11 (.43)	M10
V10Z46MKD045	160 (6.3)	130 (5.1)	35 (1.4)	100 (3.9)	70 (2.8)	4.5 (.18)	45 (1.8)	34 (1.34)	32 (1.26)	14 (.55)	M12
V10Z46MKD055	210 (8.3)	170 (6.7)	40 (1.6)	130 (5.1)	90 (3.5)	6 (.24)	55 (2.2)	54 (2.13)	50 (2.00)	17 (.67)	M16
V10Z46MKD065	245 (9.6)	205 (8.1)	50 (2.0)	165 (6.5)	115 (4.5)	9 (.35)	65 (2.6)	52 (2.05)	50 (2.00)	20 (.79)	M16

NOTE: Dimensions in ( ) are inch.

### TECHNICAL DATA

Catalog Number	Standard Load in Z Direction kgf (lb.)	Allowable Load kgf (lb.)			Spring Rate in Z dir. Kz kgf/cm (lb./ft.)	Stiffness Ratio Kx/Kz	Stiffness Ratio Ky/Kz
		Z Dir.	X Dir.	Y Dir.			
V10Z46MKD040	15...35 (33.1...77.2)	70 (154.3)	12 (26.5)	14 (30.9)	200 (13.4 x 10 <sup>3</sup> )	0.17	0.2
V10Z46MKD045	30...50 (66.2...110.2)	100 (220.5)	22 (48.5)	20 (44.1)	250 (16.8 x 10 <sup>3</sup> )	0.22	0.2
V10Z46MKD055	50...90 (110.2...198.4)	175 (385.8)	45 (99.2)	35 (77.2)	290 (19.5 x 10 <sup>3</sup> )	0.25	0.2
V10Z46MKD065	80...125 (176.4...275.6)	250 (551.2)	45 (99.2)	40 (88.2)	370 (24.9 x 10 <sup>3</sup> )	0.19	0.16



# V - Style Mounts

• **MATERIAL:** Mounting Plates – Mild Steel, Painted  
Isolators – Natural Rubber

• **FOR STANDARD LOADS OF 4 TO 900 kgf ( 9 TO 1980 lb.)**

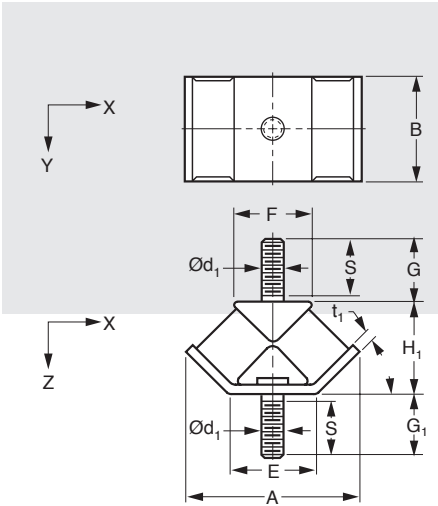


Fig. 1 Without Base Plate

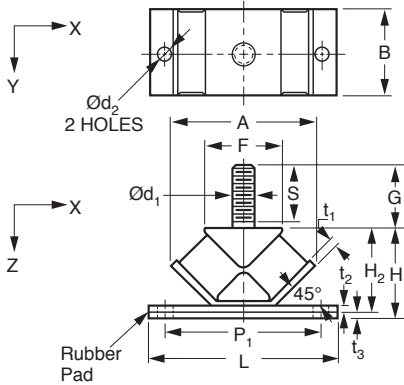


Fig. 2 With Base Plate

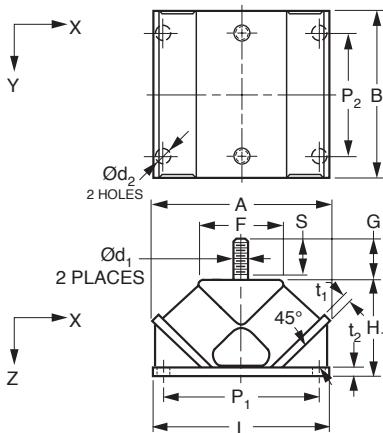


Fig. 3 With Base Plate

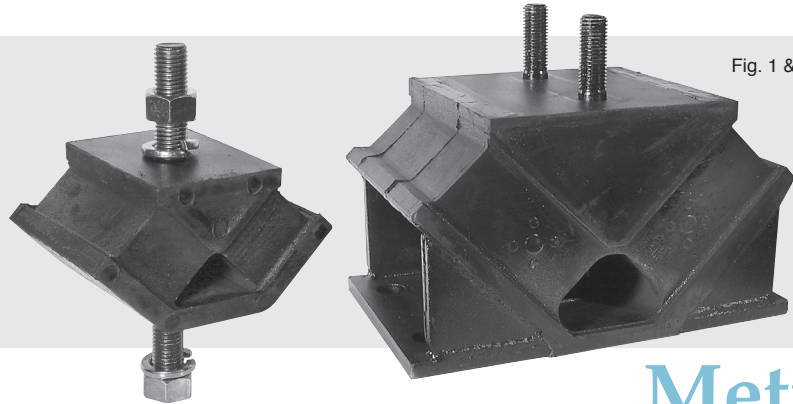


Fig. 1 & Fig. 3 Shown

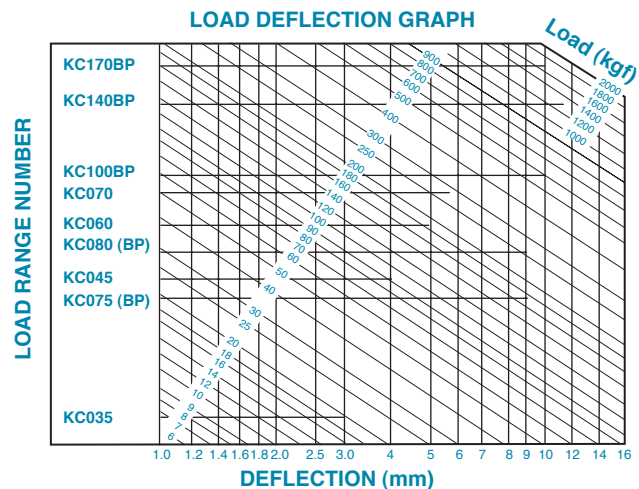
## Metric

### FEATURES:

- Compared with circular rubber mounts, these have higher stiffness in horizontal direction "X" and better stability. They are also well-suited for rotating machines which generate vibrating forces in the horizontal direction.
- Easy to install. The spring rate can be changed just by altering the mounting positions.
- For the base plate attached type (Fig. 2), a rubber pad is fitted to the base plate so that the machine can be placed on the floor.

### APPLICATIONS

- AIR COMPRESSORS
- VIBRATION SCREENS
- HORIZONTAL CENTRIFUGAL SEPARATORS
- MACHINE TOOLS
- VIBRATION SIEVES
- HIGH-SPEED DIESEL ENGINES



For Catalog Numbers, see next page.



# V - Style Mounts Selection Data

www.vibrationmounts.com Phone: 516.328.3662 Fax: 516.328.3365

## CATALOG NUMBER DESIGNATION

V 1 0 Z 4 5 M

Load Range Number Base Plate - BP  
 (where applicable)  
 Use information in both tables below to determine appropriate Load Range Number



## Metric



## DIMENSIONS measured in mm and (inches)

Load Range Number	Fig. No.	A	B	E	F	d <sub>1</sub> Thread	G	G <sub>1</sub>	S	t <sub>1</sub>	L	P <sub>1</sub>	P <sub>2</sub>	H <sub>1</sub>	H <sub>2</sub>	d <sub>2</sub>	t <sub>2</sub>	t <sub>3</sub>		
KC035	1	60 (2.4)	30 (1.2)	30 (1.2)	26 (1.0)	M10	31 (1.2)	29 (1.1)	25 (1.0)	4.5 (.18)				35 (1.4)						
KC045		82 (3.2)	50 (2.0)	40 (1.6)	40 (1.6)	M12	35 (1.4)	34 (1.3)	32 (1.3)	4.5 (.18)				45 (1.8)						
KC060		108 (4.3)	70 (2.8)	45 (1.8)	56 (2.2)	M12	45 (1.8)	43.5 (1.7)	40 (1.6)	6 (.24)				60 (2.4)						
KC070		124 (4.9)	90 (3.5)	55 (2.2)	65 (2.6)	M16	52 (2.0)	52 (2.0)	50 (2.0)	8 (.32)				70 (2.8)						
KC075		135 (5.3)	70 (2.8)	76 (3.0)	56 (2.2)	M12	45 (1.8)	43.5 (1.7)	40 (1.6)	6 (.24)				73 (2.9)						
KC080		148 (5.8)	90 (3.5)	76 (3.0)	65 (2.6)	M16	52 (2.0)	52 (2.0)	50 (2.0)	8 (.32)				80 (3.1)						
KC075BP		2	135 (5.3)	70 (2.8)		56 (2.2)	M12	45 (1.8)		40 (1.6)	6 (.24)	170 (6.7)	140 (5.5)		85 (3.3)	79 (3.1)	14 (.55)	6 (.24)		
KC080BP			148 (5.8)	90 (3.5)		65 (2.6)	M16	51.5 (2.0)		50 (2.0)	8 (.32)	180 (7.1)	150 (5.9)		94 (3.7)	88 (3.5)	14 (.55)	8 (.32)		
KC100BP	180 (7.1)		110 (4.3)		100 (3.9)	M20	57 (2.2)		46 (1.8)	8 (.32)	240 (9.5)	200 (7.9)		114 (4.5)	108 (4.3)	18 (.71)	8 (.32)		6 (.24)	
KC140BP	3	250 (9.8)	240 (9.5)		127 (5.0)	M20x2	56 (2.2)		46 (1.8)	12 (.47)	250 (9.8)	220 (8.7)	175 (6.9)	140 (5.5)		18x2 .71x.08	12 (.47)			
KC170BP		288 (11.3)	180 (7.1)		184 (7.2)						300 (11.8)	252 (9.9)	100 (3.9)	170 (6.7)		22x2 .87x.08	12 (.47)			

NOTES: "BP" at the end of the Catalog Number stands for base plate attached type.

## TECHNICAL DATA measured in kgf and (lb.)

Load Range Number	Nominal Load in Z Direction	ALLOWABLE LOAD*			Spring Rate Z Direction kgf/cm (lb./in.)	Stiffness Ratio Kx/Kz	Stiffness Ratio Ky/Kz
		Z Direction	X Direction	Y Direction			
KC035	4...10 (9...22)	20 (44)	13 (28)	5 (11)	75 (420)	0.72	0.33
KC045	25...45 (55...99)	90 (196)	55 (121)	25 (55)	235 (1316)	0.64	0.27
KC060	30...95 (66...209)	185 (407)	65 (143)	30 (66)	380 (2128)	0.65	0.28
KC070	50...150 (110...330)	290 (638)	110 (242)	55 (121)	510 (2856)	0.66	0.29
KC075	30...90 (66...198)	170 (374)	105 (231)	40 (88)	170 (952)	0.71	0.31
KC080	35...135 (77...297)	260 (572)	155 (341)	60 (132)	300 (1680)	0.72	0.3
KC075BP	30...90 (66...198)	170 (374)	105 (231)	40 (88)	170 (952)	0.71	0.31
KC080BP	35...135 (77...297)	260 (572)	155 (341)	60 (132)	300 (1680)	0.72	0.3
KC100BP	100...300 (220...660)	600 (1320)	260 (572)	120 (264)	600 (3360)	0.82	0.27
KC140BP	300...650 (660...1430)	1300 (2860)	550 (1210)	250 (550)	1300 (7280)	0.88	0.31
KC170BP	500...900 (1100...1980)	1750 (3850)	650 (1430)	280 (616)	1700 (9520)	0.87	0.27

\*Includes static and dynamic loads.

NOTE: Rubber material is natural rubber of hardness 45 durometer.

For part drawings, see previous page.