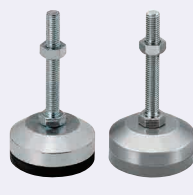


Leveling Mounts / Antivibration Attachments

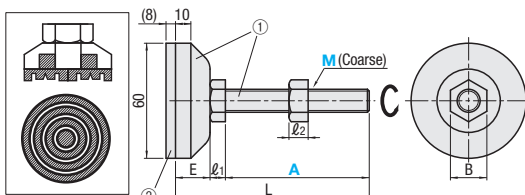
Antivibration



FJFNV FJFNC (Non-migration Rubber Type)

Detail of Rubber Part

RoHS 10



① Main Body
② Rubber Part

Type

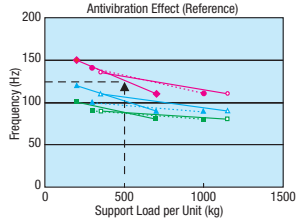
Type	① Main Body	② Rubber Part
	M Material S Surface Treatment	M Material H Hardness
FJFNV	FC250 (Screw, Nut SS400)	Chloroprene Rubber
FJFNC	FC250 (Screw, Nut SS400)	Non-Migration Chloroprene Rubber (Gel)

Part Number		L	ℓ_1	ℓ_2	E	B	Vertical Load Range (kN)	Mass (g)	Unit Price	
Type	M-A								FJFNV	FJFNC
FJFNV FJFNC	10-75	100	7	8	18	17	2.0~7.0	322		
	10-100	125						333		
	12-75	101						342		
	12-100	126	19	3.0~10.0		360				
	12-125	151				379				
	12-150	176				395				
	16-75	103	10	13	24	3.5~12.0	438			
	16-100	128					449			
	16-130	158					508			
	16-150	178					536			
	16-180	208					574			

Antivibration Effect
This product's antivibration effects (vibration transmissibility) heavily depend on applied loads and frequency of supported objects (natural frequency). The graph on the right shows anticipated antivibration effects of this product calculated from frequency.


How to Select
① Calculations of Applied Load per Unit
Ex) When an object of 2000 kg is supported by 4 points, 2000/4=500(kgf)
② Evaluation of the natural frequency of the object. Frequency = Vibrations per Second
Ex) When motor speed is 7200rpm, 7200(rpm)/60(s)=120(Hz)
With data obtained from ① and ② plotted on the graph, applicable screw diameter (M) and vibration transmissibility under above condition are found.

Ordering Example
Part Number
FJFNV16-75



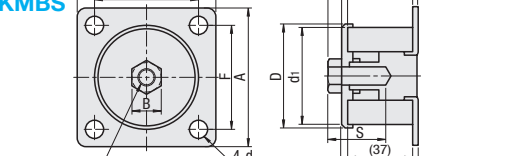
Nominal Tr (Vibration Transmissibility)

Ex) When FJFNV10 is selected with 500kgf per-foot supported load, 125Hz or more vibration transmissibility is reduced to 1/30 at most.



KMBU KMBS

RoHS 10



① Main Body
② Damper
③ Plate

Type

Type	M Material S Surface Treatment H Hardness
KMBU	SPCC
KMBS	SUS304

Part Number	Type	M	Damper Hardness	Main Body				Hold Down Plate				Vertical Load (kN)	Mass (g)	Unit Price	
				L	D	d1	S	t1	B	ℓ1	A	F	d		
KMBU KMBS		6	N	42	45	40	28	2.5	10	3.5	80	60	2.3	8.5	1
		8		43	55	50	30		13	5					
		10		44	60	55	31	3.5	17	6					
		12		72	67	32			19	7	100	80	3.2	10.5	2
		*16		44.5	88	83	33		24	10	115	90	4	12.5	3
		*20		45	103	98	34	4	30	12					

* M16 and 20 are available for KMBU only.

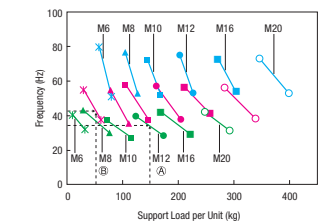
Ordering Example
Part Number
KMBU10 - Damper Hardness
N

Features
- Suitable for vibration countermeasures for vibratory equipment and machinery.
- Can be used with Leveling Mounts with less than 5° inclination.
- Damper will not stain floor since not in contact with the floor.

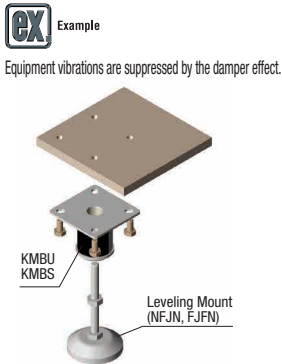
How to Select
This product's antivibration effects (vibration transmissibility) heavily depend on applied loads and frequency of supported objects (natural frequency). The graph on the right shows anticipated antivibration effects of this product calculated from frequency.

① Calculations of supported load per attachment.
Ex) When an object of 600 kg is supported by 4 shafts, 600/4 = 150 (kgf)
② Evaluation of the natural frequency of the object. Frequency = Vibrations per Second
Ex) When motor speed is 1800 rpm, 1800 (rpm)/60 (s) = 30 (Hz)
With data obtained from ① and ② plotted on the graph, appropriate type of the attachment and vibration transmissibility under above condition are found.

Antivibration Effect




Ex. (A) If KMBU(S)12 is selected with supported load to be 150kg per foot, transmissibility for vibrations above 30Hz is reduced to 1/3 or less.
Ex. (B) If KMBU(S)6 is selected with supported load to be 50kg per foot, transmissibility for vibrations above 40Hz is reduced to 1/10 or less.
All values are calculated, and not guaranteed.

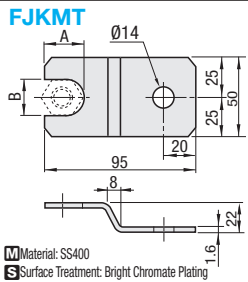


Mounting Plates / Mounting Nuts / Protection Caps for Leveling Mounts

Economy Type




RoHS 10



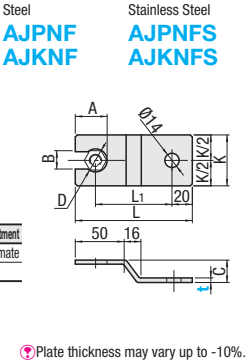
FJKMT

M Material: SS400
S Surface Treatment: Bright Chromate Plating

Hold Down Plates for Leveling Mounts - Thick Type



RoHS 10

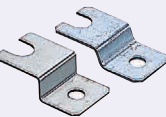


Steel
AJPNF
AJKNF

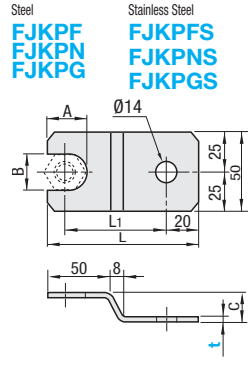
Stainless Steel
AJPNFS
AJKNFS

Plate thickness may vary up to -10%.

Hold Down Plates for Leveling Mounts



RoHS 10




Steel
FJKPF
FJKPN

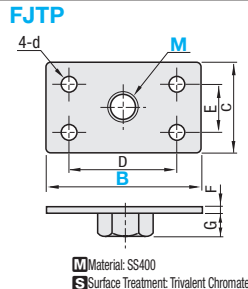
Stainless Steel
FJKPFS
FJKPNS

Ordering Example
Part Number
FJKPN16 - t
3.2

Mounting Nuts for Leveling Mounts




RoHS 10



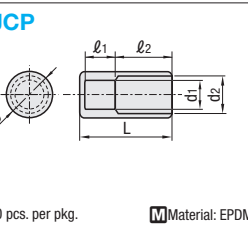
FJTP

M Material: SS400
S Surface Treatment: Trivalent Chromate

Protection Caps for Leveling Mounts



RoHS 10



AJCP

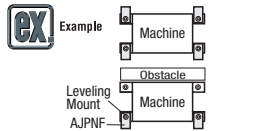
M Material: EPDM

Part Number		A	B	L	Unit Price
Type	No.				
FJKMT	12	22.5	19.3	95	1 ~ 100 pcs.
	16	25	24.5		
	20	28	31.0		

Ordering Example
Part Number
FJKMT12

Part Number	Type	No.	t	D	A	B	K	C	L	L1	Applicable Leveling Mount	Unit Price	
												Steel	Stainless Steel
AJPNF AJPNFS	(Steel) (Stainless Steel)	16	4.5	29	37.5	17	50	28.5	115	72	NFJN16 (P.1107)		
		20	4.5	36	45.5	21	60	28.5	125	77.5	NFJN20 (P.1107)		
		16	4.5	29	37.5	17	50	24.5	115	72	FJFN16 (P.1110)		

Ordering Example
Part Number
AJPNF20 - t
4.5



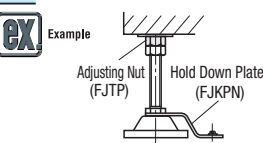
Hold Down plates may not be used at 4 places depending on installation conditions of equipment and machines. In that case, using Thick Type prevents disengagement and displacement, and produces equivalent effects with fewest mounting plates.

Part Number	Type	No.	t Thickness		A	B	C	L	L1	Applicable Leveling Mount	Unit Price	
			FJKP	FJKP S							FJKP	FJKP S
FJKPF (Steel) FJKPFS (Stainless Steel)		12	2	2	22.5	19	22	95	65	NFJN12 (P.1107)		
		16						130	100	NFJN16 (P.1107)		
		20						130	100	NFJN20 (P.1107)		
		12			22.5	19	20	95	65	FJFN12 (P.1110)		
		16						130	100	FJFN16 (P.1110)		
		20						130	100	FJFN20 (P.1110)		

For FJKPN and FJKPNS, t=2 when t dimension is not specified.

Part Number	Type	M (Coarse)	B	C	D	E	F	G	d	Unit Price
FJTP		12	40	40	28	28	2	9	6	
		16	50	50	36	36				
		20	60	60	44	44				
		16	80	80	56	56	3.2	12	8	
		20	80	80	56	56		17.5		

Ordering Example
Part Number
FJTP16 - B



Part Number	Type	No.	Color	D	L	d1	d2	ℓ1	ℓ2	Applicable Screw Size (Coarse Thread)	Unit Price	Volume Discount Rate
AJCP		8	B (Black)	11	5.5	7	10	20	M6, 8			
		12		16.5	9.5	11.5	10	20	M10, 12			
		20		24.5	15.5	19.5	10	20	M16, 20			

Ordering Example
Part Number
AJCP12 - B

Mounting on Tip of Leveling Mounts

Example
- Can be used to protect exposed threaded portions.
- Select according to size of M threads.
- Easy installation due to its flexibility.

