

# Leveling Mount Standard

**NFJN**  
**NFJNS**  
**NFJNF**  
(Stainless Steel)

M	D	( $\ell_1$ )	( $\ell_2$ )	E	B	t
5	30	3.5	4	5.4	8	1.6
6		4	5		10	
8	38	5.5	6.5	11	13	
10		7	8		17	
12	60	8	10	18	19	
16	75	10	13	20	24	2.0
20		13	16		30	

Type	M Material	S Surface Treatment
NFJN	SS400	Trivalent Chromate
NFJNF	Equivalent	
NFJNS	SUS304	Electrolytic Polishing

RoHS

☞ Screw shafts can turn independently of a base and can tilt 3 to 5 degrees.

**A Selectable**

Part Number	M-A	L	Allowable Vertical Load (kN)	Mass (g)	Unit Price	
					NFJN / NFJNS	NFJN
5 - 30		40.5	1.5	15		
5 - 60		70.5		19		
6 - 40		51	2.1	21		
6 - 80		91		28		
8 - 50		68.1	3.9	50		
8 - 100		118.1		65		
10 - 75		94.6	4.3	88		
10 - 100		119.6		100		
12 - 50		78		142		
12 - 75		103		166		
12 - 100		128	4.9	184		
12 - 125		153		200		
12 - 150		178		219		
16 - 75		107		287		
16 - 100		132	5.9	317		
16 - 130		162		356		
16 - 150		182		383		
16 - 180		212		422		
20 - 100		135	8.8	493		
20 - 130		163		557		
20 - 150		183		605		
20 - 180		213		671		

**A configurable in 10mm Increment**

Part Number	M	A 10mm Increment	L	Unit Price
10		80~200	A+19.6	
12		80~250	A+28	
16		80~300	A+32	
20		110~300	A+35	

☞ Tips of screws are painted.

Ordering Example

Part Number - A

NFJN12-100 - 80

NFJNF10 - 80

Alterations

Part Number - (WC, WK, SC, WN)

NFJN16-75 - WC

☞ For NFJN only. ☞ No plating on alteration-applied sections. ☞ For alterations for 31 or more pieces, please request a quotation.

Alterations	Square Flats	Hex Flats	Wrench Flats	Hex Wrench Socket Machining
Code	WC	WK	SC	WN
Spec.	Ordering Code WC ☞ Applicable when 20≥M≥10	Ordering Code WK ☞ Applicable when 20≥M≥10	Ordering Code SC ☞ Applicable when 20≥M≥10	Ordering Code WN ☞ Applicable when 20≥M≥10
	M WC $\ell$	M WK $\ell$	M W $\ell_1$ SC	M WN $\ell$
	10 6 10	10 6 10	10 8 8	10 4 5
	12 8 10	12 8 10	12 10 10	12 5 6
	16 10 12	16 10 12	16 13 10	16 5 6
	20 12 13.5	20 13 10	20 17 10	20 8 8

# Leveling Mount Non-Slip

Main Body	Type	① Main Body		② Rubber		M	D	$\ell_1$	$\ell_2$	E	B	H
		M Material	S Surface Treatment	M Material (Color)	H Hardness							
Steel Type	FJGN	SS400 Equivalent	Trivalent Chromate	Elastomer (Black)	-	8	45	5.5	6.5	15	13	6
	FJGM			Neoprene Rubber (Black)	-	10	70	8	10	23	19	7
				Non-Migration Chloroprene Rubber (Grey)	Shore A70	12	70	8	10	23	19	7
				Electrically Conductive Rubber (Black)	-	16	80	10	13	25	24	8
	PVC (Dark Blue)	-	20	80	13	16	30	30	8			
Stainless Steel	FJGNS	SUS304	Electrolytic Polishing	Elastomer (Black)	-							
	FJGMS			Neoprene Rubber (Black)	Shore A70							
				Non-Migration Chloroprene Rubber (Grey)								
				Electrically Conductive Rubber (Black)								

RoHS

☞ Electrically Conductive Rubber Specific Volume Resistivity  $10^2 \sim 10^4 \Omega \cdot \text{cm}$

☞ Screw shaft turns independently of the base and tilts slightly.

Part Number	FJGM / FJGMS	L	Allowable Vertical Load (kN)	Mass (g)	Unit Price											
					FJGN	FJGM				FJGNS	FJGMS					
Type	M-A	Rubber Material				R	C	D	S		R	C	D			
FJGN FJGM FJGNS FJGMS (Stainless Steel)	8- 50	R (Rubber) C (Non-migration Chloroprene Rubber) D (Electrically Conductive Rubber) S (PVC)	70.5	3.9	50				-							
	8-100				70				-							
	10- 75			97	4.3	91				-						
	10-100			122		103				-						
	12- 75			106		4.9	178				-					
	12-100*			131			196				-					
	12-125*			156	212					-						
	12-150			181	231					-						
	16- 75			110	5.9	301				-						
	16-100*			135		331				-						
	16-130*			165		370				-						
	16-150			185		397				-						
	16-180*			215	6.8	436				-						
	20-100*			138		148				-						
	20-130*			168		173				-						
	20-150			188		194				-						
	20-180*			218		220				-						

☞ You cannot select the rubber material for FJGN and FJGNS. (Elastomer is used.) \* PVC rubber applicable sizes

Ordering Example

Part Number - Rubber Material


FJGM16-75 - R

# Leveling Mounts / Economy Leveling Mounts

# Leveling Mounts

## Heavy Load / Handwheel

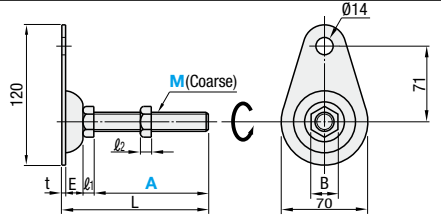
**Fixed**



**FJKN  
FJKNS**  
(Stainless Steel)

RoHS


Screw shaft turns independently of the base and tilts slightly.



M	ℓ <sub>1</sub>	ℓ <sub>2</sub>	E	B	t
10	7	8	18	17	2
12	8	10		19	
16	10	13		24	
20	13	16		30	

Type	Material	Surface Treatment
FJKN	SS400 Equivalent	Trivalent Chromate
FJKNS	SUS304	Electrolytic Polishing

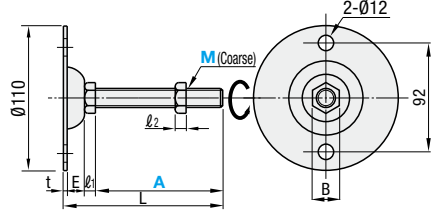
**2-Screw Holes**



**FJWN  
FJWNS**  
(Stainless Steel)

RoHS

Screw shaft turns independently of the base and tilts slightly.



M	ℓ <sub>1</sub>	ℓ <sub>2</sub>	E	B	t
10	7	8	23	17	2
12	8	10	22.5	19	
16	10	13		24	
20	13	16	21.5	30	


Type	Material	Surface Treatment
FJWN	SS400 Equivalent	Trivalent Chromate
FJWNS	SUS304 Equivalent	Electrolytic Polishing

Type	Part Number	M-A	L	Allowable Vertical Load (kN)	Mass (g)	Unit Price	
						FJKN	FJKNS
FJKN	10-75	102	4.3	186	239		
	10-100	127					
	12-75	103					
	12-100	128	4.9	229	276		
	12-125	153					
	12-150	178					
	16-75	105					
	16-100	130	5.9	337	407		
	16-130	160					
	16-150	180					
16-180	210						
20-100	133						
FJKNS	20-130	163	8.8	571	653		
	20-150	183					
	20-180	213					

Type	Part Number	M-A	L	Allowable Vertical Load (kN)	Mass (g)	Unit Price	
						FJWN	FJWNS
FJWN	10-75	107	4.3	251	310		
	10-100	132					
	12-75	107.5					
	12-100	132.5	4.9	377	473		
	12-125	157.5					
	12-150	182.5					
	16-75	109.5					
	16-100	134.5	5.9	512	587		
	16-130	164.5					
	16-150	184.5					
16-180	214.5						
20-100	136.5						
FJWNS	20-130	166.5	8.8	690	752		
	20-150	186.5					
	20-180	216.5					

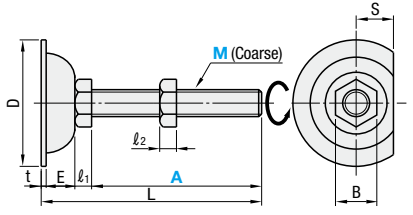
**Leveling Mounts - Space Saving**

**NFJNCT**



RoHS

Screw shaft turns independently of the base and tilts slightly.




M	D	S	ℓ <sub>1</sub>	ℓ <sub>2</sub>	E	t	B	13
8	38	17	5.5	6.5	11	1.6	17	
10			7	8	11	17		
12	60	10	8	10	18	2.0	19	
16	75		10	13	20	24		

Material: SS400 Equivalent  
Surface Treatment: Trivalent Chromate

Type	Part Number	M-A	L	Allowable Vertical Load (kN)	Mass (g)	Unit Price	
						Example	Example
NFJNCT	8-50	68.1	0.98	47	190		
	8-100	118.1					
	10-75	94.6					
	10-100	119.6	0.98	209	267		
	12-75	103					
	12-100	128					
	12-125	153					
	12-150	178	0.98	297	336		
	16-75	107					
	16-100	132					
16-130	162						
16-150	182						
16-180	212						

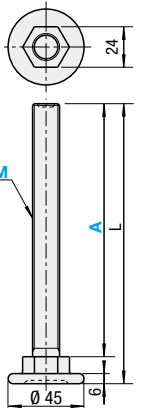
**Economy Leveling Mounts**

**MAJB**



RoHS

The screw and the pad are one piece.




Type	Part Number	M-A	L	Allowable Vertical Load (kN)	Mass (g)	Unit Price
MAJB	16-75	91	166	3.7	200	
	16-150	166			297	

Ordering Example: FJWN12-150, NFJNCT12-100, MAJB16-75

Material: SWRCH  
Surface Treatment: Trivalent Chromate

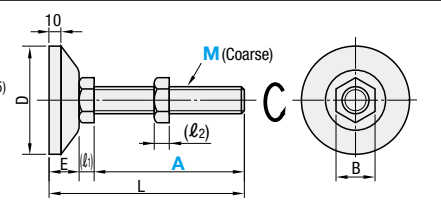
**Heavy Load**

**FJFN  
FJFNS  
FJFNB  
FJFNF**  
(Fine Pitch 1.5)



RoHS


Screw shafts can turn independently of the base and can tilt by 3 - 5 degrees.



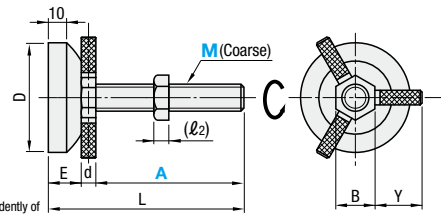
M	D	ℓ <sub>1</sub>	ℓ <sub>2</sub>	E	B
10	60	7	8	18	17
12		8	10		19
16		10	13		24
20		13	16		30
24	70	16	19	20	36

**Handwheel Type**

**FJFNH**



RoHS



Type	Material	Surface Treatment
FJFN	SS400 Equivalent	Trivalent Chromate
FJFNF		
FJFNH		
FJFNS	SUS304 Equivalent	-

**A Selectable**

Type	Part Number	M-A	L	Allowable Vertical Load (kN)	Mass (g)	Unit Price		
						FJFN	FJFNS	FJFNB
FJFN	10-75	100	10	319				
	10-100	125						
	12-75	101						
	12-100	126	13	357				
	12-125	151						
	12-150	176						
	16-75	103						
	16-100	128	16.6	446				
	16-130	158						
	16-150	178						
16-180	208							
20-100	131							
FJFNS	20-130	161	39.2	692				
	20-150	181						
	20-180	211						
	24-130	166			49.4	1100		
	24-150	186						
	24-180	216						
FJFNB	24-130	166	49.4	1250				
	24-180	216						

For M20 and M24, fine thread is applicable. Kgf (Load)=Nx0.101972

**A configurable in 10mm Increment**

Type	Part Number	M	A	L	Unit Price
FJFNF	10	80-200	A+25		
	12	80-250	A+26		
	16	80-300	A+28		
	20	110-300	A+31		

Tips of screws are painted.

**Handwheel Type**

Type	Part Number	M-A	L	d	Y	Allowable Vertical Load (kN)	Mass (g)	Unit Price
10-100	125							
12-75	101							
12-100	126	7	26	13	367			
12-125	151							
12-150	176							
16-75	103							
16-100	128	8	27	16.6	461			
16-130	158							
16-150	178							
16-180	208							
20-100	131							

**Ordering Example**

Part Number - A

FJFN10-75 - 150

FJFNF20 - 150

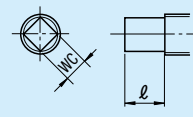
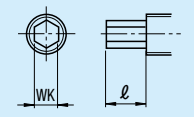
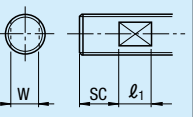
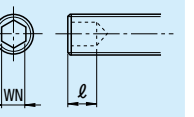
FJFNH16-100

**Alterations**

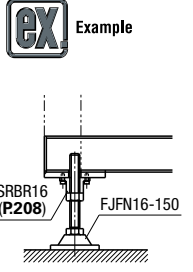
Part Number - (WC / WK / SC / WN)

FJFN12-150 - WC

For FJFN only. No plating on alteration-applied sections. For alterations for 31 or more pieces, please request a quotation.

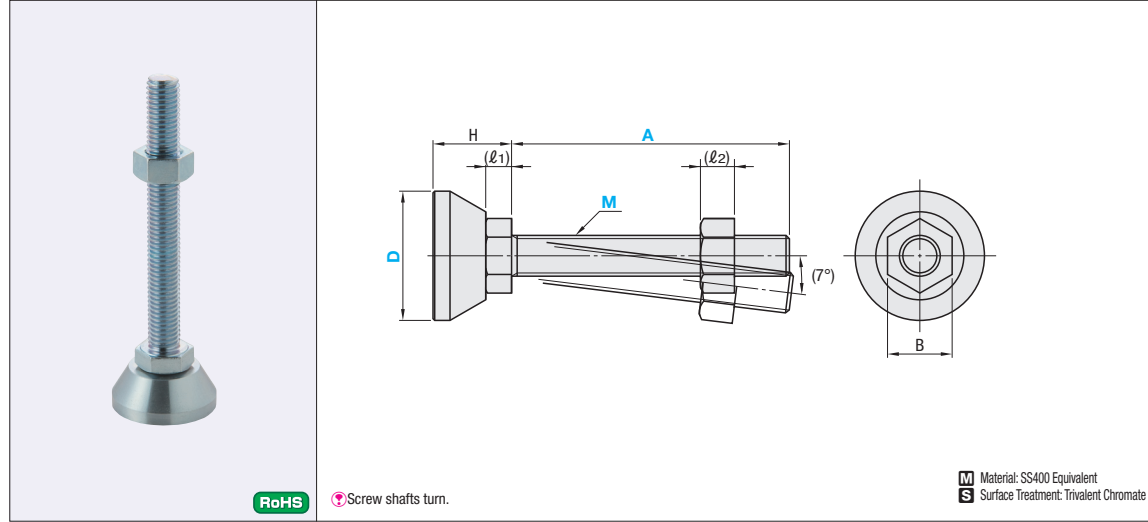
Alterations	Square Flats	Hex Flats	Wrench Flats	Hex Wrench Socket Machining																																																																
																																																																				
Code	WC	WK	SC	WN																																																																
Spec.	Ordering Code WC Applicable when 20≥M≥10	Ordering Code WK Applicable when 20≥M≥10	Ordering Code SC Applicable when 20≥M≥10	Ordering Code WN Applicable when 20≥M≥10																																																																
	<table border="1"> <thead> <tr> <th>M</th> <th>WC</th> <th>ℓ</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>6</td> <td>10</td> </tr> <tr> <td>12</td> <td>8</td> <td>10</td> </tr> <tr> <td>16</td> <td>10</td> <td>12</td> </tr> <tr> <td>20</td> <td>12</td> <td>13.5</td> </tr> </tbody> </table>	M	WC	ℓ	10	6	10	12	8	10	16	10	12	20	12	13.5	<table border="1"> <thead> <tr> <th>M</th> <th>WK</th> <th>ℓ</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>6</td> <td>10</td> </tr> <tr> <td>12</td> <td>8</td> <td>10</td> </tr> <tr> <td>16</td> <td>10</td> <td>12</td> </tr> <tr> <td>20</td> <td>13</td> <td>13</td> </tr> </tbody> </table>	M	WK	ℓ	10	6	10	12	8	10	16	10	12	20	13	13	<table border="1"> <thead> <tr> <th>M</th> <th>W</th> <th>ℓ<sub>1</sub></th> <th>SC</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>8</td> <td>8</td> <td>20</td> </tr> <tr> <td>12</td> <td>10</td> <td>10</td> <td>20</td> </tr> <tr> <td>16</td> <td>13</td> <td>10</td> <td>20</td> </tr> <tr> <td>20</td> <td>17</td> <td>10</td> <td>20</td> </tr> </tbody> </table>	M	W	ℓ <sub>1</sub>	SC	10	8	8	20	12	10	10	20	16	13	10	20	20	17	10	20	<table border="1"> <thead> <tr> <th>M</th> <th>WN</th> <th>ℓ</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>4</td> <td>5</td> </tr> <tr> <td>12</td> <td>5</td> <td>6</td> </tr> <tr> <td>16</td> <td>5</td> <td>6</td> </tr> <tr> <td>20</td> <td>8</td> <td>8</td> </tr> </tbody> </table>	M	WN	ℓ	10	4	5	12	5	6	16	5	6	20	8
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**Example**

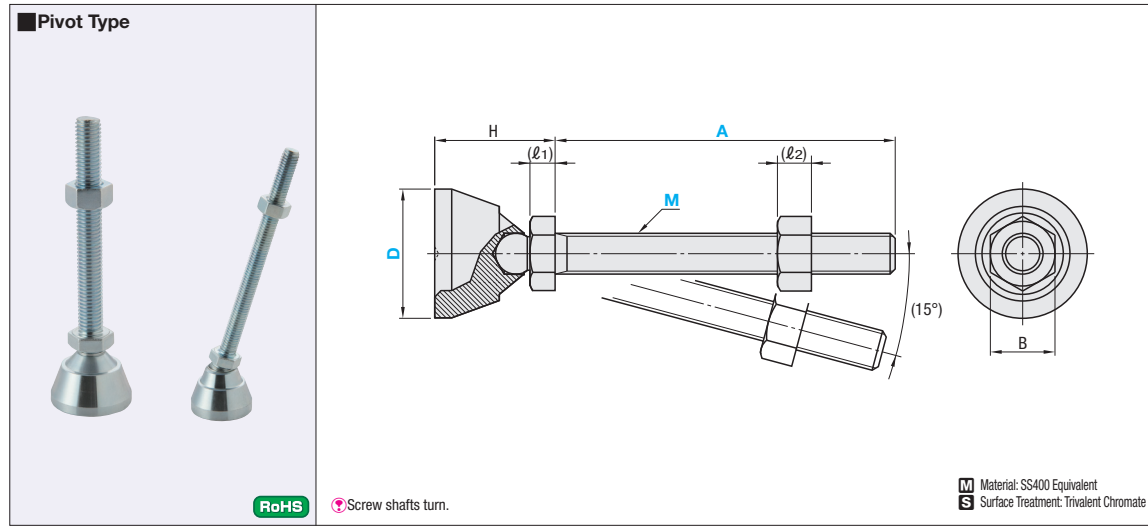


# Leveling Mounts - Space Saving

Foot (D dimension) is more compact than that of the conventional leveling mounts.



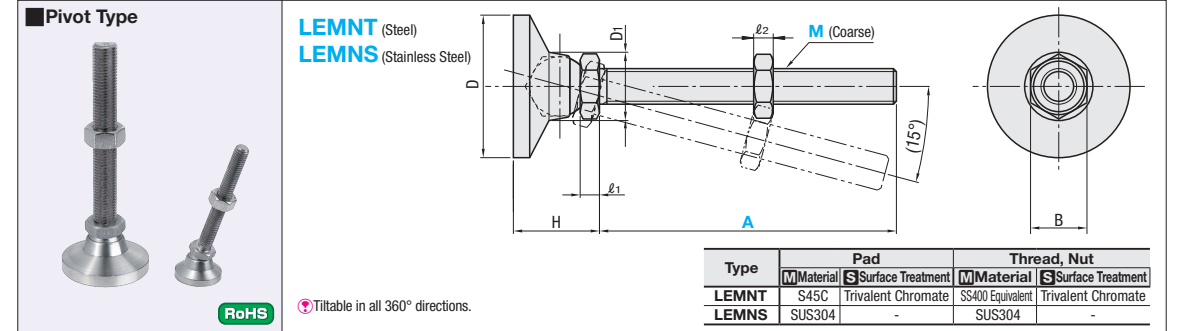
Part Number	Type	D	M (Coarse)	A			H	l1	l2	B	Allowable Vertical Load (kN)	Mass (g)	Unit Price
				20	50	100							
HNFJN	28	8	12	20	50	100	17.7	5.2	6.5	13	6.5	48	
				30	80	100	23	7.4	10	19	13	55	
	48	12	20	50	100	20.7	5.2	6.5	13	6.5	77		
			30	80	100	23	7.4	10	19	13	90		
58	8	12	20	50	100	20.7	5.2	6.5	13	6.5	121		
			30	80	100	23	7.4	10	19	13	133		



Part Number	Type	D	M (Coarse)	A			H	l1	l2	B	Allowable Vertical Load (kN)	Mass (g)	Unit Price
				20	50	100							
HNFJR	28	8	12	20	50	100	28.2	5.2	6.5	13	6.5	50	
				30	80	100	35.4	7.4	10	19	13	59	
	48	12	20	50	100	33.2	5.2	6.5	13	6.5	73		
			30	80	100	35.4	7.4	10	19	13	85		
58	8	12	20	50	100	33.2	5.2	6.5	13	6.5	115		
			30	80	100	35.4	7.4	10	19	13	129		

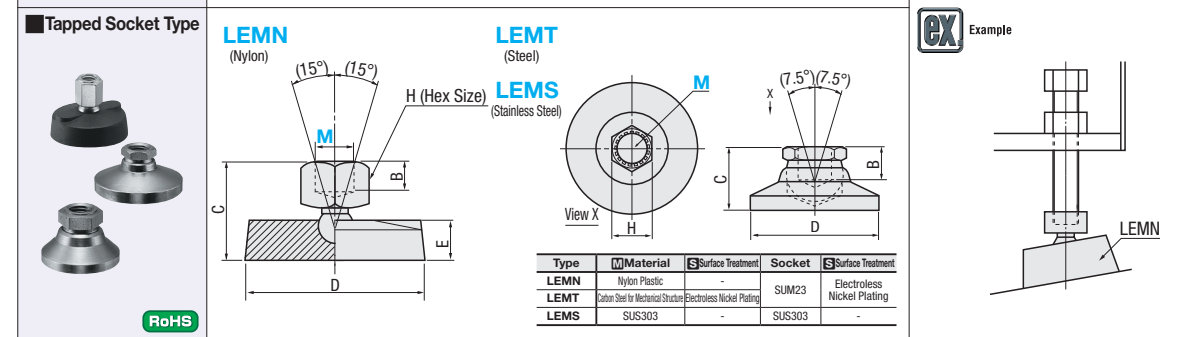
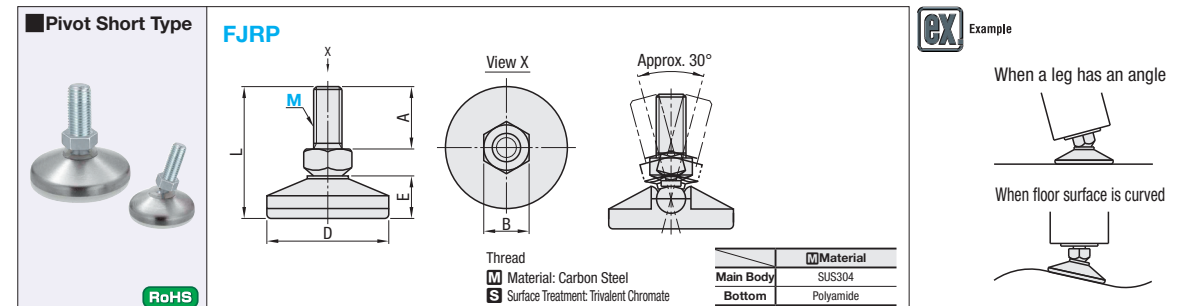
Ordering Example: Part Number - M - A  
HNFJR48 - 12 - 80

# Leveling Mounts Pivot Type / Tapped Socket Type



Part Number	Type	M-A	D	D1	H	l1	l2	B	Allowable Vertical Load (kN)	Mass (g)	Unit Price	
											LEMNT	LEMNS
LEMNT (Steel)		10-75	32	21	22	6	8	17	11.0	342		
		10-100										
		12-75										
LEMNS (Stainless Steel)		12-100	48	23	29	7.5	10	19	16.0	378		
		16-100										
		16-130										
			64	27	32	10	13	24	28.3	430		
										445		

Ordering Example: Part Number LEMNT16-130



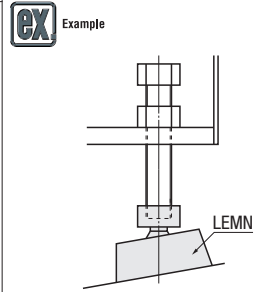
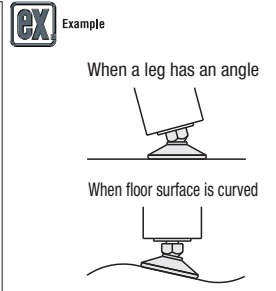
Part Number	Type	M (Coarse)	A	L	D	B	E	Allowable Vertical Load (kN)	Mass (g)	Unit Price
	8	19	37.5	30	10	11.2	1.08	21		
	10	20	42.5	40	13	13.7	1.57	38		
	12	25	51	50	17	16	3.14	70		

Ordering Example: Part Number LEMN10

Part Number	Type	M (Coarse)	B	C	D	E	H	Allowable Vertical Load (kN)	Mass (g)	Unit Price	
										LEMN	LEMNS
LEMN (Nylon)		10	9.5	39.0	50	18	16	15.9	17.1		
		12									
		16									

Part Number	Type	M (Coarse)	H	C	D	B	Allowable Vertical Load (kN)	Mass (g)	Unit Price	
									LEMNT	LEMNS
LEMNT (Steel)		6	10	14	19	4	3.1	17		
		8	13	18	25	8	4.1	34		
		10	17	22	32	10	15.4	65		
LEMNS (Stainless Steel)		12	19	29	48	11	20.5	167		
		16	22	32	64	11	24.6	354		

Kgf (Load) = Nx0.101972



# Leveling Mounts

## Resin Rubber Type

# MISUMI C-VALUE Leveling Mount

## Resin Rubber Type

Similar Product Comparison Point | Not RoHS Compliant. Allowable Vertical Load differs from that of similar products. (For details, see P.1115)

Similar Products Page P.1115

**Resin Rubber Type**

**Steel**  
AJPD  
AJPDR (With Rubber)

**Stainless Steel**  
AJPDS  
AJPDSR (With Rubber)

Close-up of Pad Bottom and Rubber Pad.  
Use of the Rubber Pad Type in full ground contact will be less slippery.

Type	Pad		Thread, Nut		Rubber	
	Material	Material	Surface Treatment	Material	Hardness	
AJPD			SS400 Equivalent	Trivalent Chromate	-	-
AJPDR	Reinforced Polyacetal				Nitrile Rubber	Shore A70
AJPDS					-	-
AJPDSR		SUS304			Nitrile Rubber	Shore A70

RoHS Tilttable in all 360° directions.

**Resin Rubber Type**

**C-AJPJG**

Pad Bottom

Type	Pad		Thread, Nut		Rubber	
	Material	Material	Surface Treatment	Material	Material	
C-AJPJG	Nylon	S45C	Zinc Plating		Rubber	

Tilttable in all 360° directions.

Part Number	Type	M-A	L	D	l1	l2	E	B	Allowable Vertical Load (kN)	Mass (g)	Unit Price						
											AJPD	AJPDR	AJPDS	AJPDSR			
10-70C		95	40	6	8	19	17	3.0	76								
10-100C		125															
12-70C		98								7.5	10	20	19				
12-100C		128															
16-100C		130		10	13	20	24										
10-70D		96								50	6	8	20	17			
10-100D		126															
12-60D		89.5	7.5	10	21.5	19											
12-70D		99.5															
12-100D		129.5					10				13	24	19				
16-80D		111.5	60	7.5	10	26								24			
16-130D		161.5								10					13	26	24
12-70E		104					26	7.5	10		19						
12-100E		134															
16-70E		106		10	13	26				24							
16-100E		136															
16-150E		186	12.5					16	27		30						
20-100E		139															
20-150E		189															
20-180E		219															

Ordering Example Part Number AJPD12-100C

Part Number	Type	D	M-A	L	l1	l2	E	B	Allowable Vertical Load (kN)	Mass (g)	Unit Price					
												C-AJPJG				
8-50		77	50	7	5	6.5	20	13	1.2	76						
8-80		107													86	
10-100		129.5								7	7	8	16	119		
10-150		180												144		
12-100		130.5		7.5	10.5	18		151								
12-150		179.5											186			
12-100		134.5	24				9	14.5	24	189						
12-150		184.5									224					
16-100		136		11	17	29				24	290					
16-150		186										309				
20-100		138					70	11	17		29	18	428			
20-150		188											529			
12-100		134.5	25	7.5	10.5	18				3.0			186			
12-150		184.5											221			
16-100		136						9	14.5		24	24	288			
16-150		186												306		
20-100		138		80	11	17	29						6.0	425		
20-150		188												526		
12-100		135.5	25					7.5	10.5	18	6.0	229				
12-150		185.5												264		
16-100		137			9	14.5	24					24		330		
16-150		187													349	
20-100		139		11				17	29	29			467			
20-150		189											569			

Ordering Example Part Number - M - A  
C-AJPJG60 - 16 - 150

### About Leveling Mounts C-VALUE Products

**- Quality Comparison -**  
Note that the RoHS compliance and allowable vertical load differ from those of similar products.  
(Ex.) Comparison for O.D. 60, M16 Resin Rubber Type

	Similar Products	C-VALUE Products
RoHS	Compliant	Not Compliant
Allowable Vertical Load (kN)	3.0	1.5

**- Price Comparison -**  
Economical compared to similar products.

Specification	Type	Price Difference
	Similar Products: AJPDR P.1115	Compared to Similar Products Max. 50% OFF
	C-VALUE Products: C-AJPJG P.1116	

