

# Antivibration Rubber Mounts

## Both Ends Threaded Studs / Threaded Stud, Plate Mount

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## Tapped and Threaded Studs / Tapped Stud, Plate Mount

Takes up little space for installation. For types with slotted studs even easier to install, see P461.

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### Both Ends Threaded Studs

Type	Material		Hardness	Accessory
	Main Body	Metal Fitting		
BGOMA	Natural Rubber	Steel	Shore A60	Nut, Spring Washer 2 pcs. each
BGOMAC	Chloroprene Rubber	(Trivalent Chromate)		
BGOMAS	Natural Rubber	SUS304	Shore A45	
BGOMAL	Natural Rubber	(Trivalent Chromate)		

### Threaded Stud, Plate Mount

Type	Material		Hardness	Accessory
	Main Body	Metal Fitting		
BGOMP	Natural Rubber	Steel	Shore A60	Nut, Spring Washer 1 pc. each
BGOMPC	Chloroprene Rubber	(Trivalent Chromate)		
BGOMPL	Natural Rubber		Shore A45	

### Tapped and Threaded Studs

Type	Material		Hardness	Accessory
	Main Body	Metal Fitting		
BGONA	Natural Rubber	Steel	Shore A60	Nut, Spring Washer 1 pc. each
BGONAP	Chloroprene Rubber	(Trivalent Chromate)		

### Tapped Stud, Plate Mount

Type	Material		Hardness
	Main Body	Metal Fitting	
BGONP	Natural Rubber	Steel	Shore A60

Part Number	Type	No.	D1	D2	H1	H2	t	l	S	M (Coarse)	W1xW2	h	P	Unit Price						
														BGOMA	BGOMAC	BGOMAS	BGOMP	BGOMPC	BGOMAL	BGOMPL
(Shore A60)	Both Ends Threaded Studs	12160	12	10	16	12.0		12	11	5	-	-	-							
		15150	15	12	15	11.0	2.0	15	12											
		20150	20	15	20	16.0		20	13		49x20		36							
		25180	25	20	18	13.4		18	16		56x25	7	42							
		25270	25	20	27	22.4		27	16											
(Shore A45)	Threaded Stud, Plate Mount	30180	30	25	18	13.4	2.3	24	20		62x30		48							
		30260	30	25	26	21.4		26	20											
		35260	35	30	26	21.4		26	20		69x35	9	53							
		40250	40	34	25	20.4		30	25		76x40		60							

Part Number	Type	No.	D1	D2	H1	H2	t	l1	S	M (Coarse)	l2	W1xW2	h	P	Z Direction			X Direction Allowable Load N (kgf)	Rigidity Ratio KX/KZ	Unit Price	
															Allowable Load N (kgf)	Standard Load N (kgf)	Spring Constant N/mm (kgf/cm)			BGONA	BGONP
(Shore A60)	Tapped and Threaded Studs	12160	12	10	16	12.0		12	11	5	4.5	-	-	-	110 {11}	30-78 {3-8}	62 {63}	25 {2.5}	0.20		
		15150	15	12	15	11.0	2.0	15	12						160 {16}	59-130 {6-13}	110 {110}	34 {3.5}	0.24		
		20150	20	15	20	16.0		20	13		5	49x20		36	280 {29}	98-160 {10-16}	180 {180}	69 {7}	0.18		
		20200	20	15	20	16.0		20	13		6	56x25	7	42	180 {18}	59-98 {6-10}	88 {90}	49 {5}	0.22		
		25180	25	20	18	13.4		18	16		6	62x30		48	580 {59}	147-280 {15-29}	220 {220}	98 {10}	0.19		
		25270	25	20	27	22.4		27	16		7.2				310 {32}	88-160 {9-16}	110 {110}	59 {6}	0.22		
		30180	30	25	18	13.4	2.3	24	20		8	69x35	9	53	1700 {170}	415-830 {43-85}	610 {620}	250 {25}	0.15		
		30260	30	25	26	21.4		26	20		7.2				760 {77}	196-370 {20-38}	180 {180}	150 {15}	0.22		
		35260	35	30	26	21.4		26	20		8	76x40	9	60	1100 {110}	275-550 {28-56}	250 {260}	260 {27}	0.24		
		40250	40	34	25	20.4		30	25		8	76x40	9	60	1420 {145}	363-700 {37-71}	340 {350}	320 {33}	0.23		

No.	Shore A60 BGOMA BGOMAC BGOMAS				Shore A45 BGOMAL BGOMPL					
	Z Direction		X Direction		Z Direction		X Direction			
	Allowable Load N (kgf)	Standard Load N (kgf)	Spring Constant N/mm (kgf/cm)	Load N (kgf)	Rigidity Ratio kx/kz	Allowable Load N (kgf)	Standard Load N (kgf)	Spring Constant N/mm (kgf/cm)	Load N (kgf)	Rigidity Ratio kx/kz
12160	110 {11}	30-78 {3-8}	41 {42}	25 {2.5}	0.20	66 {7}	18-47 {1.8-5}	25 {25}	15 {1.5}	0.20
15150	160 {16}	59-130 {6-13}	74 {75}	34 {3.5}	0.20	96 {10}	35-78 {3.5-8}	44 {45}	20 {2.1}	0.20
20150	280 {29}	98-160 {10-16}	130 {130}	69 {7}	0.15	170 {17}	59-96 {6-10}	78 {78}	41 {4.2}	0.15
20200	180 {18}	59-98 {6-10}	78 {80}	49 {5}	0.19	110 {11}	35-59 {3.5-6}	47 {48}	29 {3}	0.19
25180	490 {50}	128-250 {13-25}	200 {200}	98 {10}	0.16	290 {30}	76-150 {7.7-15}	120 {120}	59 {6}	0.16
25270	310 {32}	88-160 {9-16}	93 {95}	59 {6}	0.20	190 {19}	53-96 {5.4-10}	56 {57}	35 {3.6}	0.20
30180	890 {91}	226-450 {23-46}	310 {320}	170 {17}	0.16	530 {55}	138-270 {14-28}	190 {192}	100 {10}	0.16
30260	610 {62}	147-300 {15-31}	140 {145}	120 {12}	0.19	370 {37}	93-180 {9.5-19}	84 {87}	72 {7.2}	0.19
35260	980 {100}	245-490 {25-50}	240 {240}	250 {25}	0.17	590 {60}	147-290 {15-30}	140 {144}	150 {15}	0.17
40250	1810 {185}	363-930 {37-95}	340 {350}	360 {37}	0.17	1090 {111}	218-560 {22-57}	200 {210}	220 {22}	0.17

Ordering Example: Part Number BGONA15150

Spring constant in X direction is calculated by (Spring Constant in Z Direction x Rigidity Ratio).

Selection Methods, Mounting Methods, Properties, Cautions P460

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Spring constant in X direction is calculated by (Spring Constant in Z Direction x Rigidity Ratio).

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