



# MASON INDUSTRIES, Inc.

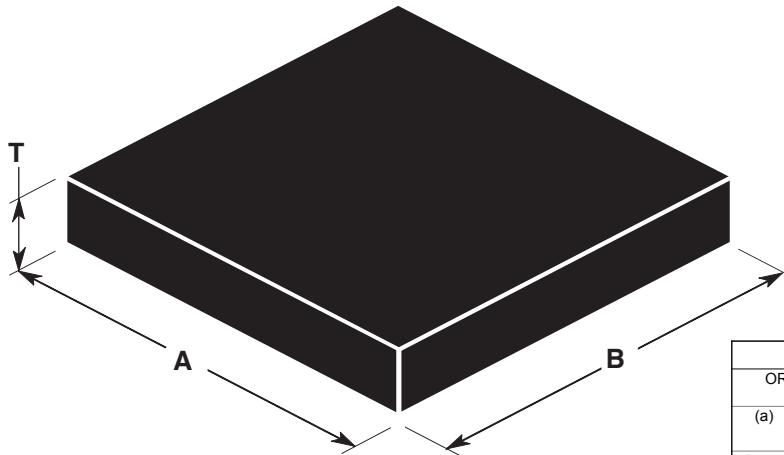
Manufacturers of Vibration Control Products

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JOB NAME \_\_\_\_\_  
 CUSTOMER \_\_\_\_\_  
 CUSTOMER P.O. \_\_\_\_\_  
 MASON M.I. \_\_\_\_\_  
 DWG. NO. \_\_\_\_\_

## BBP

Bridge Quality  
 Neoprene  
 Bearing Pad



### Type BBP Thickness

Size (T)	
(in)	(mm)
1/4	6
3/8	10
1/2	13
5/8	16
3/4	19
1	25
1 1/4	32
1 1/2	38

ACTUAL PAD SIZES ARE AS SCHEDULED BELOW

BRIDGE BEARING NEOPRENE SPECIFICATIONS							
ORIGINAL PHYSICAL PROPERTIES			TESTING FOR AGING				COMPRES-SION SET
(a)	(b)	(b)	(c)			(d)	(e)
Duro-meter	Tensile Strength [min]	Elongat. at Break [min]	Oven Aging (70hrs/212°F)			100 ppm in air by Vol. 20% Strain 100°F	22hrs/212°F Method B
			Hard-ness [max]	Tensile Strength [max]	Elongat. at Break [min]	No Cracks	35% (max)
40±5	2000 psi	450%	+15%	±15%	-40%	No Cracks	35% (max)
50±5	2250 psi	400%	+15%	±15%	-40%	No Cracks	35% (max)
60±5	2250 psi	350%	+15%	±15%	-40%	No Cracks	35% (max)

(a)ASTM D-2240 (b)ASTM D-412 (c)ASTM D-573 (d)ASTM D-1149 (e)ASTM D-395

### Typical 1" 25mm Thick 60 duro BBP Loadings

Minimum Load at 0.10" 3mm Deflection, Maximum Load at 0.15" 3.8mm Deflection

Pad Size (A x B) (in) (mm)	Load Range (lbs) (kg)	Pad Size (A x B) (in) (mm)	Load Range (lbs) (kg)
2 x 2 51 x 51	300 - 450 135 - 205	8 x 8 203 x 203	20800 - 31200 10635 - 15955
3 x 3 76 x 76	990 - 1485 450 - 675	8 x 12 203 x 305	38400 - 57600 17455 - 26180
3 x 6 76 x 152	2340 - 3510 1065 - 1595	10 x 10 254 x 254	42500 - 63750 19320 - 28980
4 x 4 102 x 102	2400 - 3600 1090 - 1635	10 x 12 254 x 305	55200 - 82800 25090 - 37635
4 x 6 102 x 152	4080 - 6120 1855 - 2780	12 x 12 305 x 305	79200 - 118800 36000 - 54000
6 x 6 152 x 152	7600 - 12000 3455 - 5455	15 x 15 381 x 381	146250 - 219375 66480 - 99715
6 x 8 152 x 203	12000 - 18000 5455 - 8180	18 x 18 457 x 457	243000 - 364000 110455 - 165455
6 x 12 152 x 305	23400 - 35100 9455 - 14180	24 x 24 576 x 576	432000 - 648000 196365 - 294545

#### Approximate Load Corrections

1/2" 13mm Pads - Twice the load    2" 50mm Pads - Half the Load  
 40 Duro-55%, 50 Duro-75%, 70 Duro-160% of 60 Duro loadings

### PLAN VIEW OF PAD LOCATIONS

TAG : \_\_\_\_\_  
 UNIT: \_\_\_\_\_



### Durometer of Pad Material to be: DURO

1 :	6 :
2 :	7 :
3 :	8 :
4 :	9 :
5 :	10 :

Sets Required:

### Type BBP Dimensions (inches) (mm)

A	B	T