



# MASON INDUSTRIES, Inc.

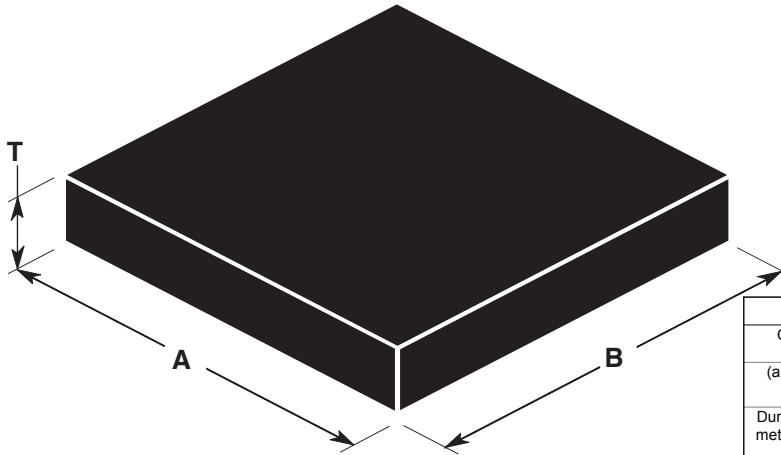
Manufacturers of Vibration Control Products  
 350 Rabro Drive 2101 W. Crescent Ave., Suite D  
 Hauppauge, NY 11788 Anaheim, CA 92801  
 631/348-0282 714/535-2727  
 FAX 631/348-0279 FAX 714/535-5738  
 Info@Mason-Ind.com Info@MasonAnaheim.com  
 www.Mason-Ind.com

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			COMPRESSION 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					
Lower 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