



MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

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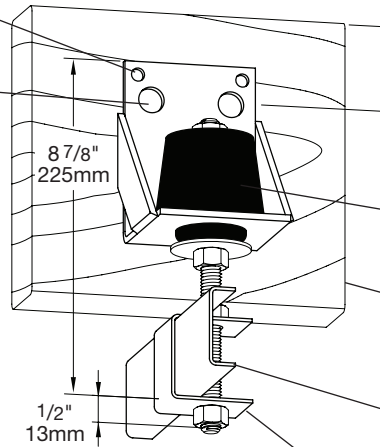
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JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

HDSMCC

Side of Joist or
Wall, Hanger with
Double Deflection
LDS Rubber
Element and Ceiling
Channel Clamp

Secure with two (2)
16D 4mm x 89mm
Nails. Install nails at
opposing angles
or
Secure with
two (2) lag bolts
3/8" x 1 3/4" min
10mm x 44mm min
or through bolts, nuts
& washers



Hanger Installation
Location based on
Dimensional Lumber sizes

6	1 1/4"	32mm
2x 8	1 1/4"	32mm
10	3 1/4"	83mm
12	5 1/4"	133mm

Double Deflection LDS Rubber
Element with Lock-In
Grommet to minimize
noise transmission
Frequency 8 Hz

Wooden
Ceiling
Joist

1 1/2" x 1/2"
38mm x 13mm
Channel By Others

Channel Clamp
and 3/8" 10mm Threaded
Rod By Mason

TYPE HDSMCC RATINGS

Size	Durometer	Rated Capacity Range (lbs)	(kg)	Max. Rated Deflection (in) (mm)
A-Green	40	20 - 50	9 - 23	0.35 9
A-Red	50	40 - 90	18 - 42	0.35 9
A-White	60	80 - 180	36 - 82	0.35 9

NOTE: Standard sizes shown.
For heavier capacities, consult factory.

LDS stands for Low Dynamic Stiffness AASHTO Bridge Bearing Natural Rubber to minimize noise and vibration transmission. Maximum Dynamic Stiffness is 1.4.

AASHTO BRIDGE BEARING NATURAL RUBBER SPECIFICATIONS

ORIGINAL PHYSICAL PROPERTIES			TESTED FOR AGING			COMPRES- SION SET	LONG TERM CREEP	
Tests: ASTM D-2240 & D-412			OVEN AGING(70hrs/158°F)					
Duro- meter Shore A	Tensile Strength (min)	Elongat. at Break (min)	Hard- ness (max)	Tensile Strength (max)	Elongat. at Break (max)	ASTM D-1149 25 pphm in air by Vol. 20% Strain 100°F	ASTM D-395 22hrs/158°F Method B	ISO8013 168hrs
40±5	2000 psi	500%	+10%	-25%	-25%	No Cracks	25%(max)	5%(max)
50±5	2250 psi	450%	+10%	-25%	-25%	No Cracks	25%(max)	5%(max)
60±5	2250 psi	400%	+10%	-25%	-25%	No Cracks	25%(max)	5%(max)
70±5	2250 psi	300%	+10%	-25%	-25%	No Cracks	25%(max)	5%(max)

NOTE: AASHTO does not spec 40 Duro. 40 Duro by Mason.

MASON LAYOUT DRAWING NO. _____

SIZE	QTY.	TAG

Certification Form S-675 06/2009

DWN

CHKD

DATE

DWG No.