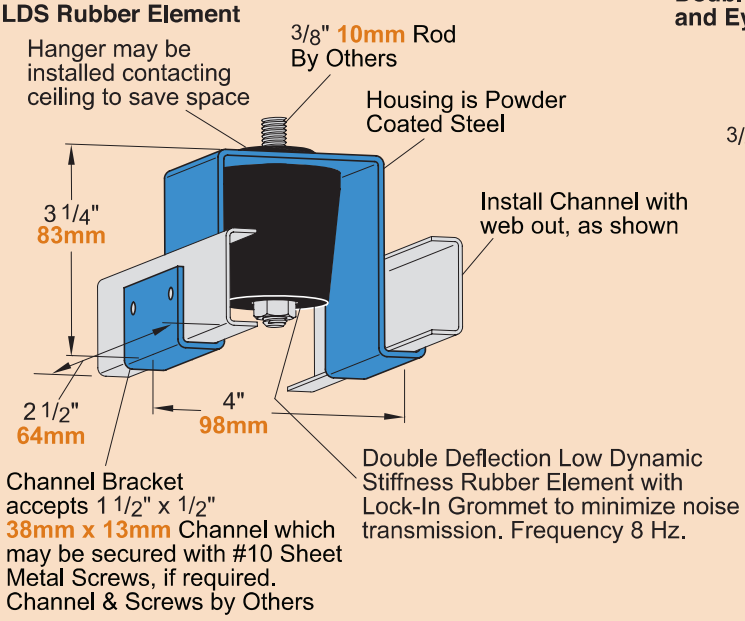
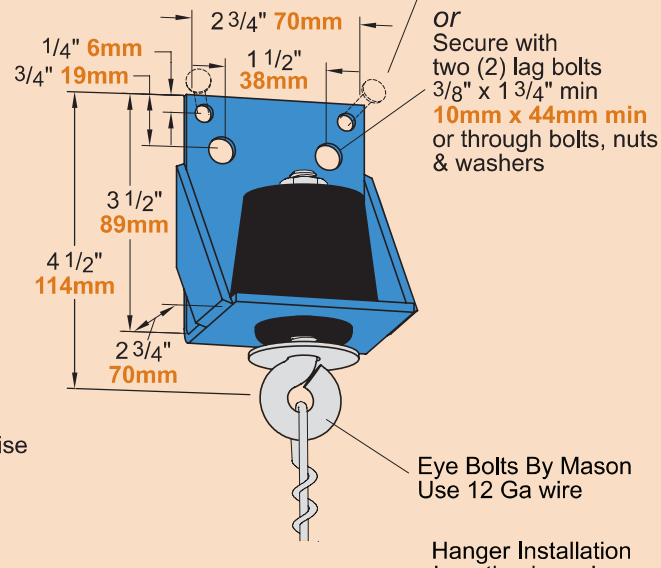
CRCH

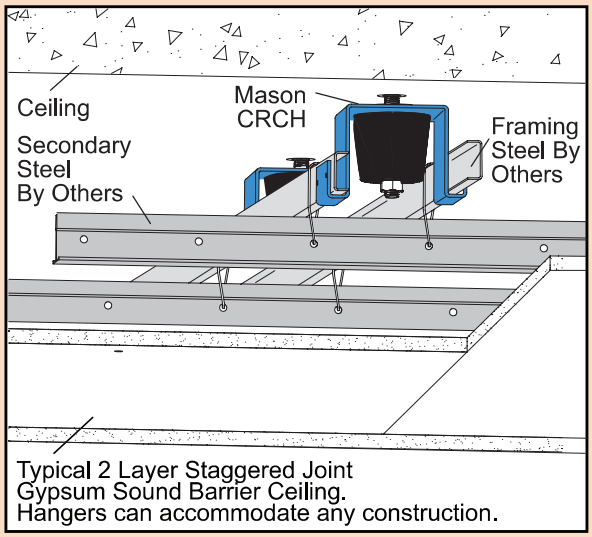
Compact Ceiling Hanger with Double Deflection LDS Rubber Element



WHDSM

Side of Joist, or Wall, Hanger with Double Deflection LDS Rubber Element and Eye Bolt



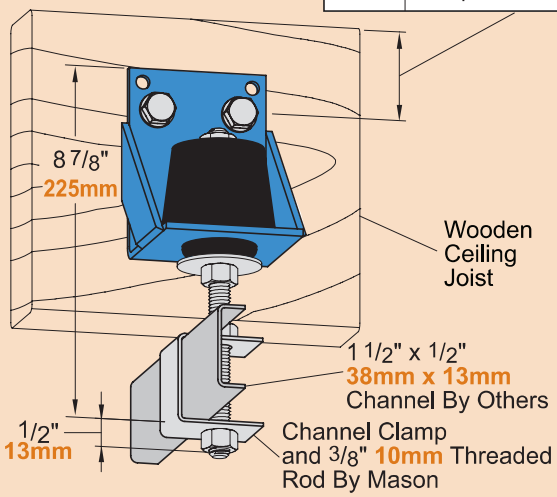


HDSMCC

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

Hanger Installation Location based on Dimensional Lumber sizes

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



LDS stands for **L**ow **D**ynamic **S**tiffness 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			OZONE	COMPRESSION SET	LONG TERM CREEP
Tests: ASTM D-2240 & D-412			OVEN AGING(70hrs/158°F) ASTM D-573			ASTM D-1149	ASTM D-395	ISO8013
Durometer Shore A	Tensile Strength (min)	Elongat. at Break (min)	Hardness (max)	Tensile Strength (max)	Elongat. at Break (max)	25 pphm in air by Vol. 20% Strain 100°F	22hrs/158°F Method B	168 hrs
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)

RATINGS

Standard sizes shown. For heavier capacities, consult factory.

Type	Size	Durometer	Rated Capacity Range lbs	kg	Max Rated Defl. in	mm
CRCH- WHDSM- HDSMCC-	A-Green A-Red A-White	40 50 60	20-50 40-90 80-180	9-23 18-42 36-82	0.35	9

CRCH SPECIFICATION

Ceiling Hangers shall have a steel frame formed to minimize height by holding an 11/2 x 1/2 ceiling channel on either side of an AASHTO Bridge Bearing Quality LDS Rubber Element molded with an integral lock in grommet at the bottom to prevent steel rod to housing contact. Dynamic Stiffness shall not exceed 1.4 nor the corrected frequency 8 Hz. Ceiling Hangers shall be Mason Industries CRCH. Submittals shall confirm AASHTO Quality and Dynamic Stiffness in addition to frequency.

HDSMCC or WHDSM SPECIFICATION

Ceiling Hangers shall consist of a side attachment steel angle gusseted on each side to prevent bending. The gussets shall protect an AASHTO Bridge Bearing Quality LDS Rubber Element molded with an integral lock in grommet at the bottom to prevent steel rod to housing acoustical short circuiting. Dynamic Stiffness shall not exceed 1.4 nor the corrected frequency 8 Hz. Housing configurations shall be offered for simple attachment to 11/2 x 1/2 channels or 12 gauge wire. Ceiling Hangers shall be Mason Industries HDSMCC or WHDSM. Submittals shall confirm AASHTO Quality and Dynamic Stiffness in addition to frequency.