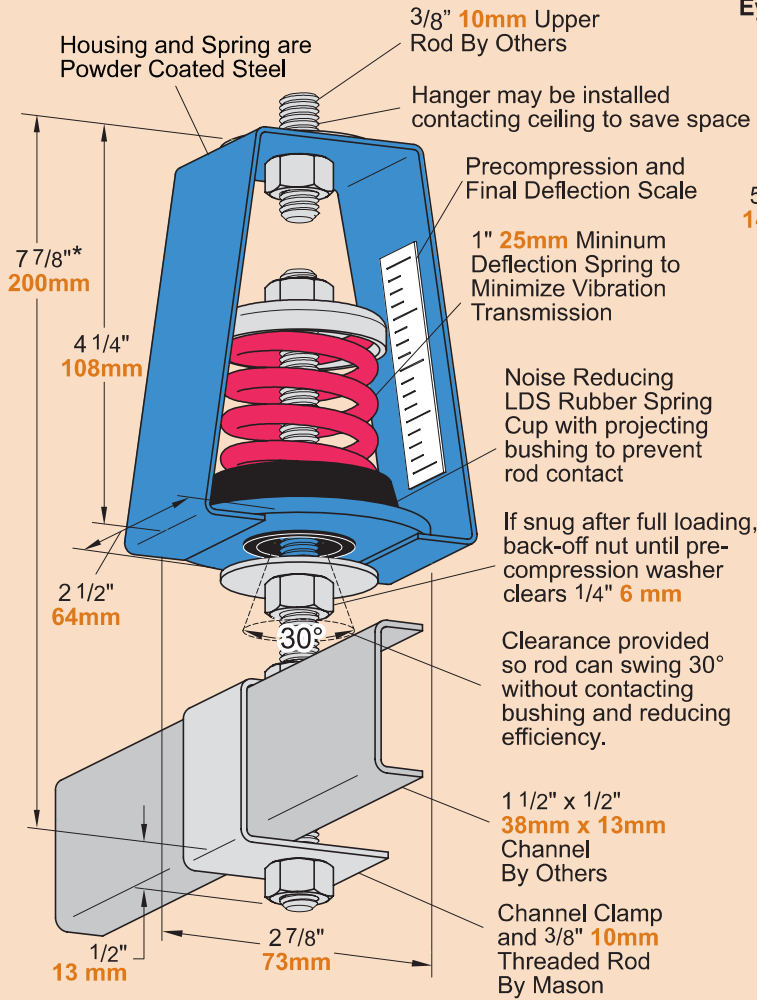


30CC

Precompressed 30 Hanger with Ceiling Channel Clamp



* Hangers are precompressed to 70% of assigned load. When full load is applied, gap opens between pre-compression washer and housing. These dimensions are overall heights when fully loaded. For longer lengths, consult factory.

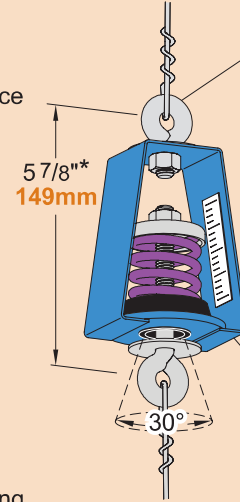
LDS stands for Low Dynamic Stiffness AASHTO Bridge Bearing Natural Rubber to minimize noise and vibration transmission. Maximum Dynamic Stiffness is 1.4.

AASHTO BRIDGE BEARING NATURAL RUBBER SPECIFICATIONS

ORIGINAL PHYSICAL PROPERTIES	TESTED FOR AGING			COMPRES-SION SET	LONG TERM CREEP			
	OVEN AGING (70hrs/158°F)	OZONE						
Tests: ASTM D-2240 & D-412	ASTM D-573	ASTM D-1149		ASTM D-395	ISO8013			
Duro-meter	Tensile Strength	Elongat. at Break	Hard-ness	Tensile Strength	Elongat. at Break	25 pphm in air by Vol. 20% Strain 100°F	22hrs/158°F Method B	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)

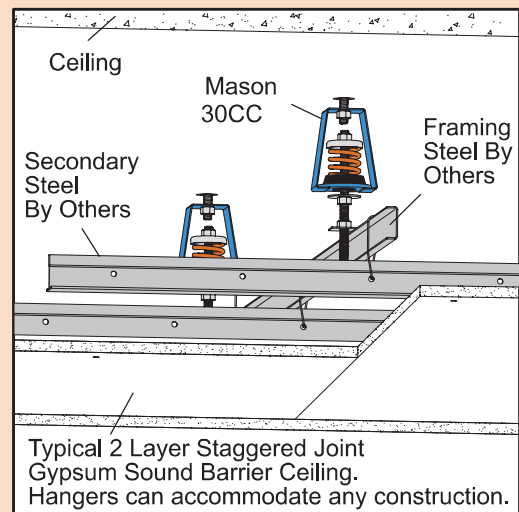
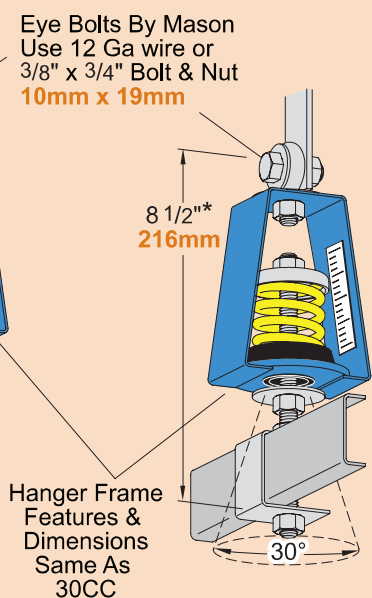
W30

Precompressed 30 Hanger with Eye Bolts



W30CC

Precompressed 30 Hanger with Eye Bolt and Ceiling Channel Clamp



RATINGS Standard sizes shown. For heavier capacities, consult factory.

Type	Size	Rated Capacity lbs	Rated Capacity kg	Rated Defl.† in	Rated Defl.† mm	Spring Constant lbs/in	Spring Constant kg/mm	Spring Color/Stripe
30CC-	12	12	5	1.25	32	10	0.18	Orange
	23	23	10	1.30	33	18	0.30	Brown
	33	33	15	1.10	28	30	0.54	Red
W30-	54	54	24	1.20	30	45	0.80	White
	76	76	34	1.02	25	73	1.36	Black
W30CC-	113	113	51	1.00	25	113	2.04	Yellow
	130	130	59	1.00	25	130	2.36	Purple
	175	175	79	1.00	25	175	3.16	Silver
	210	210	95	1.00	25	210	3.80	Blue

†All springs have additional travel to solid equal to 50% of Rated Deflection.

SPECIFICATION

Ceiling Hangers shall be fail safe and include a steel frame containing a nominal 1" deflection steel spring seated in an AASHTO Bridge Bearing Quality Low Dynamic Stiffness Rubber Cup with a rubber bushing extending through the box to prevent metal to metal contact between the steel suspension rod and the frame. Dynamic Stiffness of the cup shall not exceed 1.4.

The ID of the bushing must allow a 30° swing from side to side before rod contact. Springs shall be factory precompressed to 70% of the assigned deflection. Hangers shall be Mason Industries 30CC for 1 1/2 x 1/2 channel, W30 for wire, W30CC for wire and 1 1/2 x 1/2 channel. Submittals shall confirm AASHTO Quality and Dynamic Stiffness in addition to deflection.