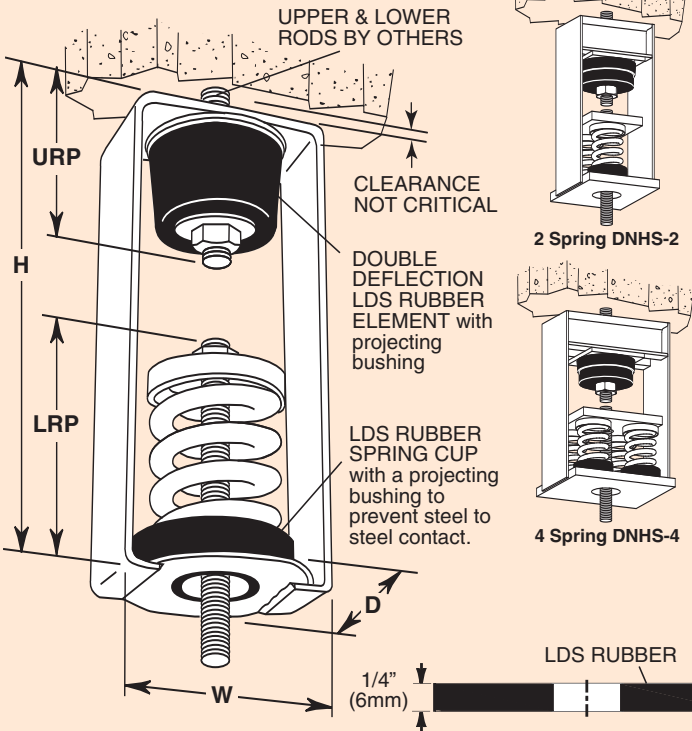


DNHS, PCDNHS & RWDNHS

MASON INDUSTRIES

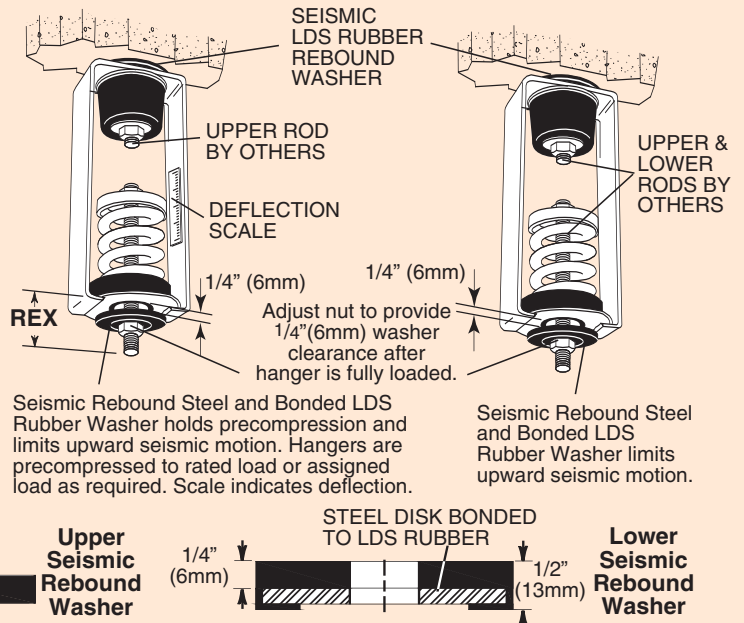
1"(25mm) DEFLECTION X, A & B SPRING and DOUBLE DEFLECTION LDS HANGERS

DNHS FOR ROD ATTACHMENT



PCDNHS TYPE DNHS PRECOMPRESSED & SEISMIC RESTRAINT

Install with hanger box snug to 1/4" (6mm) Seismic LDS Rubber Washer, so washer is tight to overhead surface. Upper hanger element deflects under load, leaving space on top. Washer cushions upward seismic travel.



RWDNHS TYPE DNHS SEISMIC RESTRAINT

Seismic Rebound Steel and Bonded LDS Rubber Washer holds precompression and limits upward seismic motion. Hangers are precompressed to rated load or assigned load as required. Scale indicates deflection.

Seismic Rebound Steel and Bonded LDS Rubber Washer limits upward seismic motion.

Ratings & Dimensions for 1"(25mm) Deflection Spring and Double Deflection LDS Hangers (inches mm)

Type	Size	Rated Capacity (lbs) (kg)	Rated Defl. [†] (in) (mm)	Spring Constant ^{††} (lbs/in)(kg/mm)	Average Defl. LDS-Rubber	Spring Color/Stripe	Spring Only		LRP- Lower Rod Penetration MRD- Max. Rod Diameter				REX- Rod Extension URP- Upper Rod Penetration				Vertical G Ratings	
							Free OD	Height	D	H	W	LRP	MRD	REX	URP	Tension	Compression	
1" 25mm Defl.	X-12	12 5	1.45 37	10 0.18		Orange											10.0*	10.0*
	X-23	23 10	1.50 38	18 0.26		Brown											10.0*	10.0*
	X-33	33 15	1.30 33	30 0.45		Copper											10.0*	10.0*
	X-54	54 24	1.40 36	45 0.67		White											10.0*	10.0*
	X-76	76 34	1.22 31	73 1.10	0.20	Black	11/2 21/2	25 64	21/2 64	51/2 140	27/8 73	31/4 83	3/8 10	13/4 44	13/4 44		10.0*	10.0*
	X-113	113 51	1.20 30	113 1.70		Brass											10.0*	6.7
	X-130	130 59	1.20 30	130 1.97		Purple											10.0*	5.8
	X-175	175 79	1.20 30	175 2.63		Silver											10.0*	4.3
X-210	210 95	1.20 30	210 3.17		Blue											10.0*	3.6	
DNHS-	A-12	12 5	1.35 34	12 0.15	0.35	Copper											10.0*	10.0*
	A-18	18 8	1.35 34	18 0.24		Gray	13/4 17/8	44 48	23/4 70	63/4 171	31/4 83	31/2 89	5/8 16	21/4 57	21/4 57		10.0*	10.0*
	A-25	25 11	1.35 34	25 0.32		Orange											10.0*	10.0*
	A-41	41 19	1.53 39	35 0.49		Pink											10.0*	10.0*
PCDNHS-	A-56	56 25	1.49 38	49 0.66	0.35	Black	13/4 21/4	44 57	23/4 70	63/4 171	31/4 83	4 102	5/8 16	21/4 57	21/4 57		10.0*	10.0*
	A-73	73 33	1.41 36	69 0.92	9	Tan											10.0*	10.0*
	A-95	95 43	1.36 35	94 1.23		Green											10.0*	10.0*
	A-45	45 20	1.95 50	28 0.40		Blue											10.0*	10.0*
RWDNHS-	A-75	75 34	1.85 47	50 0.72		Orange											10.0*	10.0*
	A-125	125 57	1.68 43	94 1.33	0.35	Brown	13/4 3	44 76	23/4 70	63/4 171	31/4 83	4 102	5/8 16	21/2 64	21/4 57		10.0*	10.0*
	A-200	200 91	1.50 38	174 2.39	9	Black											10.0*	8.8
	A-310	310 141	1.35 34	310 4.15		Yellow											10.0*	5.6
RWDNHS-	A-400	400 181	1.35 34	400 5.32		Green											10.0*	4.4
	A-510	510 231	1.35 34	510 6.79	0.35	Red	13/4 31/8	44 79	23/4 70	63/4 171	31/4 83	4 102	5/8 16	21/2 64	21/4 57		10.0*	3.4
	A-625	625 283	1.35 34	625 8.32	0.35	White	13/4 33/8	44 86	23/4 70	63/4 171	31/4 83	4 102	5/8 16	21/2 64	21/4 57		10.0*	2.8
	B-65	65 29	2.45 62	31 0.47		Brown/Blk											10.0*	10.0*
	B-85	85 39	2.45 62	40 0.63		White/Blk											10.0*	10.0*
	B-115	115 52	2.35 60	57 0.87		Silver											10.0*	10.0*
	B-150	150 68	2.35 60	75 1.13	0.35	Orange	23/8 4	60 102	4 102	9 229	43/4 121	41/4 108	3/4 19	21/4 57	3 76		10.0*	10.0*
	B-280	280 127	1.95 50	174 2.54		Green											10.0*	8.2
	B-450	450 204	1.66 42	344 4.86		Red											10.0*	5.1
	B-750	750 340	1.47 37	670 9.19		White											10.0*	3.1
	B-1000	1000 454	1.35 34	1000 13.35	0.35	Blue	23/8 4	60 102	4 102	9 229	43/4 121	41/4 108	3/4 19	21/4 57	3 76		10.0*	2.3

All springs have additional travel to solid equal to 50% of Rated Deflection. LDS elements have straight line deflection curves.
[†]includes double deflection LDS element. ^{††}applies to spring only. *10.0 indicates a rating of 10 G's or greater

