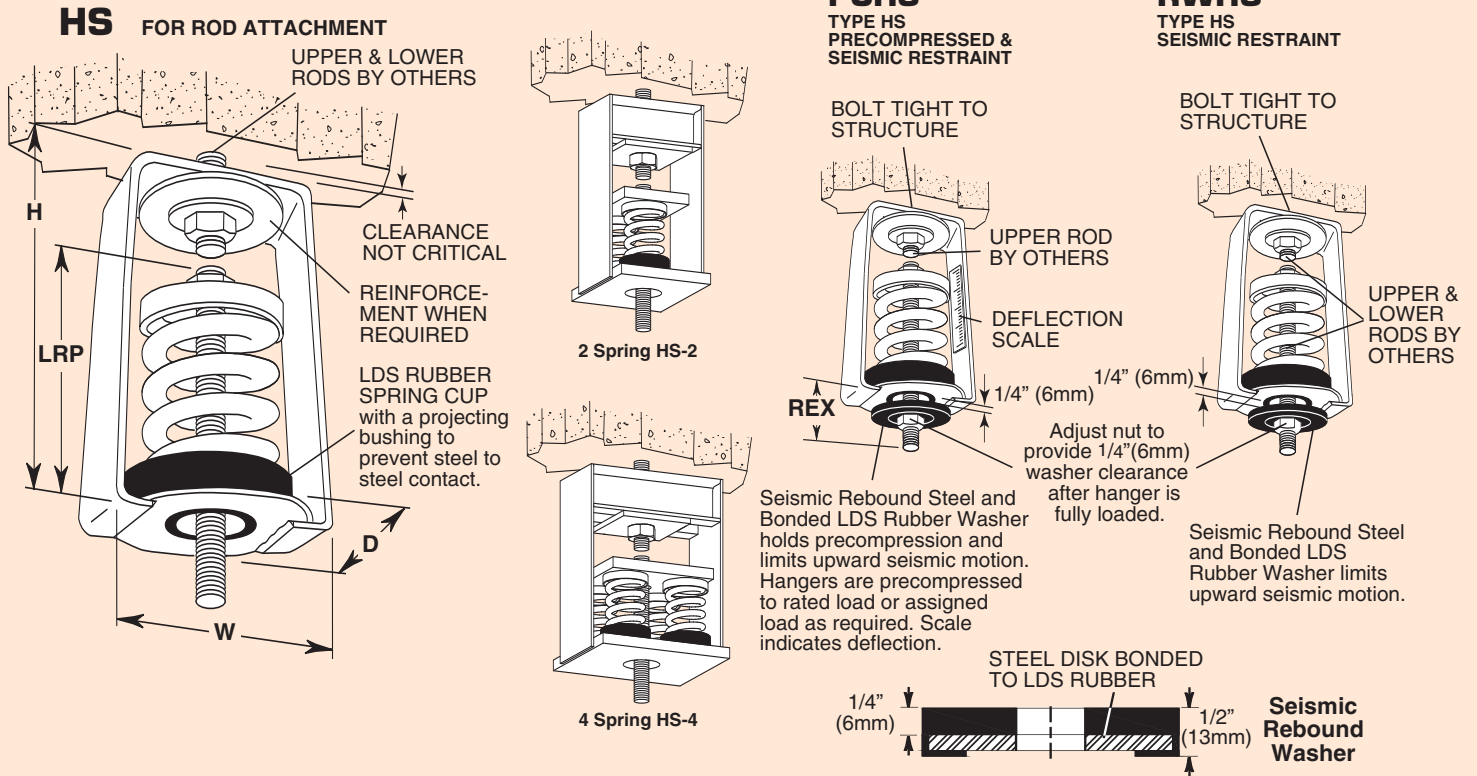


HS, PCHS & RWHS

MASON INDUSTRIES

1"(25mm) Deflection X, A & B SPRING HANGERS



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

Type	Size	Rated Capacity (lbs)(kg)	Rated Defl. [†] (in)(mm)	Spring Constant (lbs/in)(kg/cm)	Spring Color/Stripe	Spring Only			Lower Rod Penetration LRP	Max. Rod Dia. MRD	Rod Extension REX	Vertical 'G' Ratings			
						Spring Free	OD	Height				D	H	W	Tension
1" 25mm	X-12	12 5	1.25 32	10 0.18	Orange							10.0*	10.0*		
	X-23	23 10	1.30 33	18 0.30	Brown							10.0*	10.0*		
	X-33	33 15	1.10 28	30 0.54	Copper							10.0*	10.0*		
	X-54	54 24	1.20 30	45 0.80	White							10.0*	10.0*		
	X-76	76 34	1.02 25	73 1.36	Black	11/2	21/2	21/2	41/4	27/8	31/2	3/8	13/4	10.0*	10.0*
	X-113	113 51	1.00 25	113 2.04	Brass	38	64	64	108	73	89	10	44	10.0*	7.6
	X-130	130 59	1.00 25	130 2.36	Purple									10.0*	6.6
	X-175	175 79	1.00 25	175 3.16	Silver									10.0*	4.9
	X-210	210 95	1.00 25	210 3.80	Blue									9.0	4.1
Defl.	A-12	12 5	1.00 25	12 0.20	Copper	13/4	17/8	23/4	53/4	31/4	31/2	5/8	21/4	10.0*	10.0*
	A-18	18 8	1.00 25	18 0.32	Gray	44	48	70	146	83	89	16	57	10.0*	10.0*
	A-25	25 11	1.00 25	25 0.44	Orange									10.0*	10.0*
	HS-	A-41	41 19	1.18 30	35 0.63	Pink	13/4	21/4	23/4	53/4	31/4	4	5/8	21/4	10.0*
A-56		56 25	1.14 30	49 0.83	Black	44	57	70	146	83	102	16	57	10.0*	10.0*
A-73		73 33	1.06 27	69 1.22	Tan									10.0*	10.0*
A-95		95 43	1.01 26	94 1.65	Green									10.0*	10.0*
PCHS-	A-45	45 20	1.60 41	28 0.49	Blue									10.0*	10.0*
	A-75	75 34	1.50 38	50 0.89	Orange									10.0*	10.0*
	A-125	125 57	1.33 34	94 1.68	Brown	13/4	3	23/4	53/4	31/4	4	5/8	21/2	10.0*	10.0*
	A-200	200 91	1.15 29	174 3.14	Black	44	76	70	146	83	102	16	64	10.0*	10.0*
	A-310	310 141	1.00 25	310 5.64	Yellow									10.0*	7.1
	A-400	400 181	1.00 25	400 7.24	Green									10.0*	5.5
RWHS	A-510	510 231	1.00 25	510 9.24	Red	13/4	31/8	23/4	53/4	31/4	4	5/8	21/2	10.0*	4.3
	A-625	625 283	1.00 25	625 11.32	White	13/4	33/8	23/4	53/4	31/4	4	5/8	21/2	9.0	3.5
RWHS	B-65	65 29	2.10 53	31 0.55	Brown									10.0*	10.0*
	B-85	85 39	2.10 53	40 0.74	White*									10.0*	10.0*
	B-115	115 52	2.00 51	57 1.02	Silver									10.0*	10.0*
	B-150	150 68	2.00 51	75 1.33	Orange	23/8	4	4	71/4	43/4	41/4	3/4	21/4	10.0*	10.0*
	B-280	280 127	1.60 41	174 3.10	Green	60	102	102	184	121	108	19	57	10.0*	5.4
	B-450	450 204	1.31 33	344 6.18	Red									10.0*	3.3
	B-750	750 340	1.12 28	670 12.14	White									10.0*	2.0
	B-1000	1000 454	1.00 25	1000 18.16	Blue	23/8	4	4	71/4	43/4	41/4	3/4	21/4	10.0*	1.5

†All springs have additional travel to solid equal to 50% of the rated deflection.

*10.0 indicates a rating of 10 G's or greater

1”(25mm) DEFLECTION C AND MULTIPLE C SPRING HANGERS

Ratings & Dimensions for 1”(25mm) Deflection Spring Hangers (inches mm)

Type	Size	Rated Capacity		Rated Defl. [†] (in)(mm)	Spring Constant		Spring Color	Spring Only		D	H	W	Lower Rod Penetration LRP	Max. Rod Dia. MRD	Rod Extension REX	Vertical 'G' Ratings											
		(lbs)	(kg)		(lbs/in)	(kg/cm)		Free OD	Height							Tension	Compression										
1” 25mm Defl.	1-1000	1000	454	1.00	25	1000	18.16	Black	27/8	41/8	4	83/4	51/4	5	7/8	21/4	57	10.0*	3.2								
	1-1350	1350	612	1.00	25	1350	24.48	Yellow										8.7	2.4								
	1-1750	1750	794	1.00	25	1750	31.76	Black*										6.7	1.8								
	1-2100	2100	953	1.00	25	2100	38.12	Yellow*										5.6	1.5								
	1-2385	2385	1082	1.00	25	2385	43.28	Yellow**										5.0	1.4								
	1-2650	2650	1202	1.00	25	2650	48.08	Red*										4.4	1.2								
1-2935	2935	1331	1.00	25	2935	53.24	Red**	4.0	1.1																		
HS-	2-2700	2700	1225	1.00	25	2700	49.00	Yellow	27/8	41/8	9	10	51/4	7	1	41/4	10.0*	3.0									
	2-3500	3500	1588	1.00	25	3500	63.52	Black*	73	105	229	254	133	178	25	108	10.0*	2.3									
	2-4200	4200	1905	1.00	25	4200	76.20	Yellow*									9.8	1.9									
PCHS-	4-5400	5400	2449	1.00	25	5400	97.96	Yellow	27/8	41/8	7	13	87/8	7	11/4	41/2	114	10.0*	3.5								
RWHS-	4-7000	7000	3175	1.00	25	7000	127.00	Black*										73	105	178	330	225	178	32	114	8.4	2.7
	4-8400	8400	3810	1.00	25	8400	152.40	Yellow*																			7.0
RWHS-	4-9540	9540	4327	1.00	25	9540	173.08	Yellow**	27/8	41/8	7	13	87/8	7	11/4	41/2	114	6.2	2.0								
	4-10600	10600	4808	1.00	25	10600	192.32	Red*										73	105	178	330	225	178	32	114	5.5	1.8
	4-11740	11740	5325	1.00	25	11740	213.00	Red**																			5.0

†All springs have additional travel to solid equal to 50% of the rated deflection.

*10.0 indicates a rating of 10 G's or greater

*with Red inner spring **with Green inner spring

2”(51mm) DEFLECTION B, B2, C2 AND MULTIPLE C2 SPRING HANGERS

Ratings & Dimensions for 2”(51mm) Deflection Spring Hangers (inches mm)

Type	Size	Rated Capacity		Rated Defl. [†] (in)(mm)	Spring Constant		Spring Color/ Stripe	Spring Only		D	H	W	Lower Rod Penetration LRP	Max. Rod Dia. MRD	Rod Extension REX	Vertical 'G' Ratings												
		(lbs)	(kg)		(lbs/in)	(kg/cm)		Free OD	Height							Tension	Compression											
2” 51mm Defl.	B-20	20	9	2.40	61	8	0.15	Tan	4	1/2	4	71/4	43/4	51/8	3/4	21/4	57	10.0*	10.0*									
	B-26	26	12	2.18	55	12	0.22	White/Bl										10.0*	10.0*									
	B-35	35	16	2.20	56	16	0.29	Purple										10.0*	10.0*									
	B-50	50	23	2.20	56	24	0.41	White/Rd										10.0*	10.0*									
	B-65	65	29	2.10	53	31	0.55	Brown										10.0*	10.0*									
	B-85	85	39	2.10	53	40	0.74	White/Blk										10.0*	10.0*									
	B-115	115	52	2.00	51	57	1.02	Silver										10.0*	10.0*									
	B-150	150	68	2.00	51	75	1.33	Orange										10.0*	10.0*									
HS-	B2-210	210	95	2.12	54	99	1.76	Silver	41/2	1/2	4	71/4	43/4	51/8	3/4	21/4	57	10.0*	7.1									
	B2-290	290	132	2.00	51	144	2.59	Blue										10.0*	5.2									
	B2-450 [‡]	450	204	2.00	51	224	4.00	Tan										114	13	102	184	121	130	19	57	10.0*	3.3	
	B2-680 [‡]	680	308	2.00	51	340	6.04	Gray																			10.0*	2.2
PCHS-	C2-125	125	57	2.50	64	50	0.89	Purple	5	—	4	83/4	51/4	51/4	7/8	21/4	57	10.0*	10.0*									
	C2-170	170	77	2.40	61	70	1.26	Brown										10.0*	10.0*									
	C2-210	210	95	2.30	58	90	1.64	Red										10.0*	10.0*									
	C2-260	260	118	2.20	56	120	2.11	White										10.0*	10.0*									
	C2-330	330	150	2.00	51	165	2.94	Black										10.0*	9.6									
	C2-460	460	209	2.00	51	230	4.10	Blue										127	—	102	222	133	133	22	57	10.0*	6.9	
	C2-610	610	277	2.00	51	305	5.43	Green																		10.0*	5.2	
	C2-880 [‡]	880	399	2.00	51	440	7.82	Gray																			10.0*	3.6
	C2-1210 [‡]	1210	549	2.00	51	605	10.76	Silver																			9.7	2.6
	C2-1540 [‡]	1540	699	2.00	51	770	13.71	Gray*																			7.7	2.1
C2-1870 [‡]	1870	848	2.00	51	935	16.63	Silver*										6.3	1.7										
RWHS-	2-C2-2420 [‡]	2420	1098	2.00	51	605	21.53	Silver	5	—	9	10	51/4	6	1	41/4	108	10.0*	4.6									
	2-C2-3080 [‡]	3080	1397	2.00	51	770	27.39	Gray*										127	—	229	254	133	152	25	108	10.0*	3.6	
	2-C2-3740 [‡]	3740	1696	2.00	51	935	33.25	Silver*																			10.0*	3.0
RWHS-	4-C2-3520 [‡]	3520	1597	2.00	51	440	31.31	Gray	5	—	7	13	87/8	8	11/4	41/2	114	10.0*	5.3									
	4-C2-4840 [‡]	4840	2195	2.00	51	605	43.04	Silver										127	—	178	330	225	203	32	114	10.0*	3.9	
	4-C2-6160 [‡]	6160	2794	2.00	51	770	54.78	Gray*																			9.5	3.1
	4-C2-7480 [‡]	7480	3393	2.00	51	935	66.53	Silver*																			7.8	2.5

†All springs without “‡” have additional travel to solid equal to 50% of the rated deflection.

*10.0 indicates a rating of 10 G's or greater

*with Red inner spring

‡Published ratings allow minimum 25% additional travel to solid. For a full 50% specified minimum use the following ratings:

Size	Derated Capacity (lbs)	Derated Capacity (kg)	Defl. (in)	Defl. (mm)	Size	Derated Capacity (lbs)	Derated Capacity (kg)	Defl. (in)	Defl. (mm)	Size	Derated Capacity (lbs)	Derated Capacity (kg)	Defl. (in)	Defl. (mm)
B2-450	410	186	1.83	46	C2-1870	1560	708	1.67	42	2-C2-3740	3120	1415	1.67	42
B2-680	565	256	1.66	42	2-C2-1760	1600	726	1.82	46	4-C2-4840	4040	1833	1.67	42
C2-880	800	363	1.82	46	2-C2-2420	2020	916	1.67	42	4-C2-6160	5145	2334	1.67	42
C2-1210	1010	458	1.67	42	2-C2-3080	2570	1166	1.67	42	4-C2-7480	6245	2833	1.67	42
C2-1540	1285	583	1.67	42										