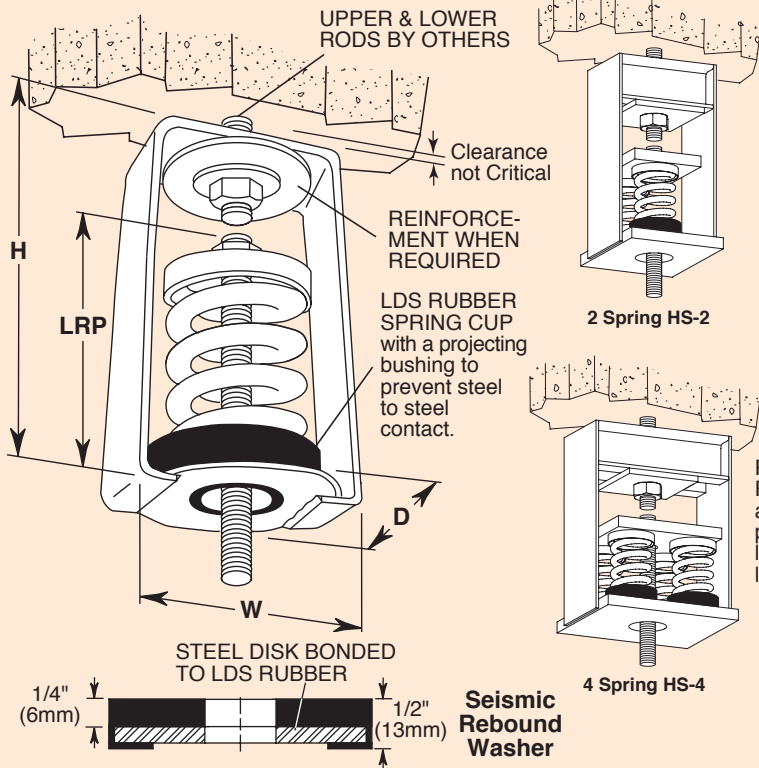
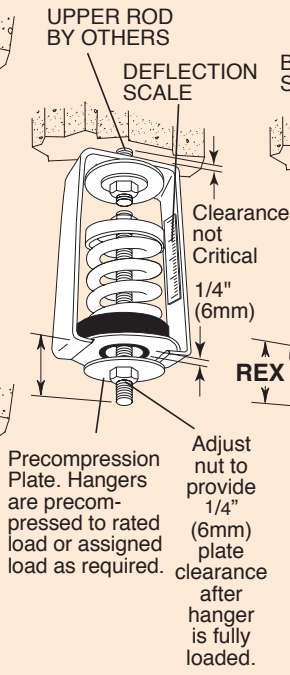


1"(25mm) Deflection X, A & B SPRING HANGERS

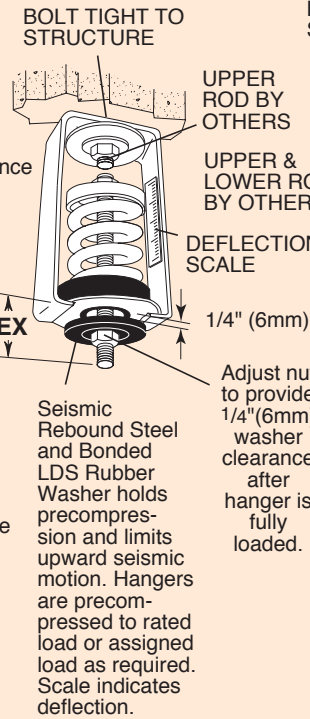
HS FOR ROD ATTACHMENT



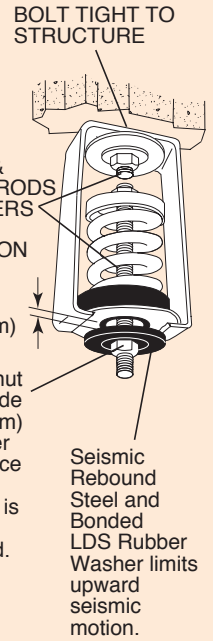
PCHS TYPE HS PRECOMPRESSED



PCHSS TYPE HS PRECOMPRESSED & SEISMIC RESTRAINT



RWHS TYPE HS SEISMIC RESTRAINT



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/mm)	Spring Color/Stripe	Spring Only Spring Free OD Height	D	H	W	Lower Rod Penetration LRP	Max. Rod Dia. MRD	Rod Extension REX	Vertical 'G' Ratings Tension Compression
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	Red								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	Yellow	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	Red	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							
A-56		56 25	1.14 30	49 0.83	Black	13/4 21/4	23/4	53/4	31/4	4	5/8	21/4	10.0* 10.0*
A-73		73 33	1.06 27	69 1.22	Tan	44 57	70	146	83	102	16	57	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
PCHSS-	A-400	400 181	1.00 25	400 7.24	Green								10.0* 5.5
	A-510	510 231	1.00 25	510 9.24	Red	13/4 31/8 44 79	23/4 70	53/4 146	31/4 83	4 102	5/8 16	21/2 64	10.0* 4.3
RWHS-	A-625	625 283	1.00 25	625 11.3	White	13/4 33/8 44 86	23/4 70	53/4 146	31/4 83	4 102	5/8 16	21/2 64	9.0 3.5
	B-65	65 29	2.10 53	31 0.55	Brown								10.0* 10.0*
RWHS-	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	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 12.1	White								10.0* 2.0
	B-1000	1000 454	1.00 25	1000 18.2	Blue	23/8 4 60 102	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. [†]		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)	(in)	(mm)	(lbs/in)	(kg/mm)		Free OD	Height							Tension	Compression
1" 25mm Defl.	1-1000	1000	454	1.00	25	1000	18.2	Black	27/8	41/8	4	83/4	51/4	5	7/8	21/4	10.0*	3.2
	1-1350	1350	612	1.00	25	1350	24.5	Yellow									8.7	2.4
	1-1750	1750	794	1.00	25	1750	31.8	Black*									6.7	1.8
	1-2100	2100	953	1.00	25	2100	38.1	Yellow**									5.6	1.5
	1-2385	2385	1082	1.00	25	2385	43.3	Yellow**									5.0	1.4
HS-	1-2650	2650	1202	1.00	25	2650	48.1	Red*	4.4	1.2								
	1-2935	2935	1331	1.00	25	2935	53.2	Red**	4.0	1.1								
PCHS-	2-2700	2700	1225	1.00	25	2700	49.0	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	63.5	Black*	73	105	229	254	133	178	25	108	10.0*	2.3
	2-4200	4200	1905	1.00	25	4200	76.2	Yellow*									9.8	1.9
PCHSS-	4-5400	5400	2449	1.00	25	5400	98.0	Yellow	27/8	41/8	7	13	87/8	7	11/4	41/2	10.0*	3.5
	4-7000	7000	3175	1.00	25	7000	127.0	Black*	73	105	178	330	225	178	32	114	8.4	2.7
	4-8400	8400	3810	1.00	25	8400	152.4	Yellow*									7.0	2.2
RWHS-	4-9540	9540	4327	1.00	25	9540	173.1	Yellow**	27/8	41/8	7	13	87/8	7	11/4	41/2	6.2	2.0
	4-10600	10600	4808	1.00	25	10600	192.3	Red*	73	105	178	330	225	178	32	114	5.5	1.8
	4-11740	11740	5325	1.00	25	11740	213.0	Red**									5.0	1.6

[†]All springs have additional travel to solid equal to 50% of the rated deflection.
*with Red inner spring **with Green inner spring

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

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. [†]		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)	(in)	(mm)	(lbs/in)	(kg/mm)		Free OD	Height							Tension	Compression								
2" 51mm Defl.	B-20	20	9	2.40	61	8	0.15	Tan	23/8	4	4	71/4	43/4	51/8	3/4	21/4	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									60	102	102	184	121	130	19	57	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*								
HS-	B-150	150	68	2.00	51	75	1.33	Orange	10.0*	10.0*																
	B2-210	210	95	2.12	54	99	1.76	Silver	23/8	41/2	4	71/4	43/4	51/8	3/4	21/4	10.0*	7.1								
	B2-290	290	132	2.00	51	144	2.59	Blue	60	114	102	184	121	130	19	57	10.0*	5.2								
	B2-450 [‡]	450	204	2.00	51	224	4.00	Tan	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	27/8	5	4	83/4	51/4	51/4	7/8	21/4	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									73	127	102	222	133	133	22	57	10.0*	9.6
	C2-460	460	209	2.00	51	230	4.10	Blue									10.0*	6.9								
	C2-610	610	277	2.00	51	305	5.43	Green									10.0*	5.2								
PCHSS-	C2-880 [‡]	880	399	2.00	51	440	7.82	Gray	10.0*	3.6																
	C2-1210 [‡]	1210	549	2.00	51	605	10.8	Silver	9.7	2.6																
	C2-1540 [‡]	1540	699	2.00	51	770	13.7	Gray*	7.7	2.1																
	C2-1870 [‡]	1870	848	2.00	51	935	16.6	Silver*	6.3	1.7																
RWHS-	2-C2-2420 [‡]	2420	1098	2.00	51	1210	21.5	Silver	27/8	5	9	10	51/4	6	1	41/4	10.0*	4.6								
	2-C2-3080 [‡]	3080	1397	2.00	51	1540	27.4	Gray*	73	127	229	254	133	152	25	108	10.0*	3.6								
	2-C2-3740 [‡]	3740	1696	2.00	51	1870	33.3	Silver*	10.0*	3.0																
RWHS-	4-C2-3520 [‡]	3520	1597	2.00	51	1760	31.3	Gray	27/8	5	7	13	87/8	8	11/4	41/2	10.0*	5.3								
	4-C2-4840 [‡]	4840	2195	2.00	51	2420	43.0	Silver									10.0*	3.9								
	4-C2-6160 [‡]	6160	2794	2.00	51	3080	54.8	Gray*									9.5	3.1								
	4-C2-7480 [‡]	7480	3393	2.00	51	3740	66.5	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) (kg)	Defl. (in) (mm)	Size	Derated Capacity (lbs) (kg)	Defl. (in) (mm)	Size	Derated Capacity (lbs) (kg)	Defl. (in) (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						