

### Specifications - 2" Deflection Seismically Rated Floor Mounted Spring Isolator

Model	Rated Load		Rated Deflection		Spring Color	Approx. WT.	
	lb.	KN	in	mm		lb.	Kg
IHSSA-1-30	30	0.134	1	25.4	Yellow	4.57	2.08
IHSSA-1-50	50	0.223	1	25.4	Green	4.58	2.08
IHSSA-1-100	100	0.445	1	25.4	Black	4.60	2.09
IHSSA-1-150	150	0.668	1	25.4	Red	4.78	2.17
IHSSA-1-200	200	0.89	1	25.4	Blue	4.82	2.19
IHSSA-1-300	300	1.335	1	25.4	White	4.86	2.21
IHSSA-1-400	400	1.78	1	25.4	Brown	4.92	2.24
IHSSA-1-500	500	2.225	1	25.4	Orange	4.95	2.25
IHSSA-1-600	600	2.669	1	25.4	Grey	5.10	2.32

#### Notes:

Housing and Threaded rod are made of high strength steel. IHSSA-1-30-600 is designed and manufactured to provide minimum resistance of 1g for lateral seismic load .

Hot-Dip Galvanized finish for Housing to offer maximum corrosion resistance for isolator - Hardware and Spring Compression Cup are zinc -electroplated

Spring(s) are powder - coated to provide maximum corrosion resistance , and are color-coded for easy identification at site - see table above

All springs have additional travel to solid equal to 50% of the Rated Deflection with minimum Kx/Ky ratio of 0.85 - All Elements are safe at solid load

All directional snubber is made of reinforced neoprene and is designed to prevent metal to metal contact. IHSSA-1-30-600 must be installed so that snubbing elements have 1/8" to 1/4" clearance with housing under operating condition

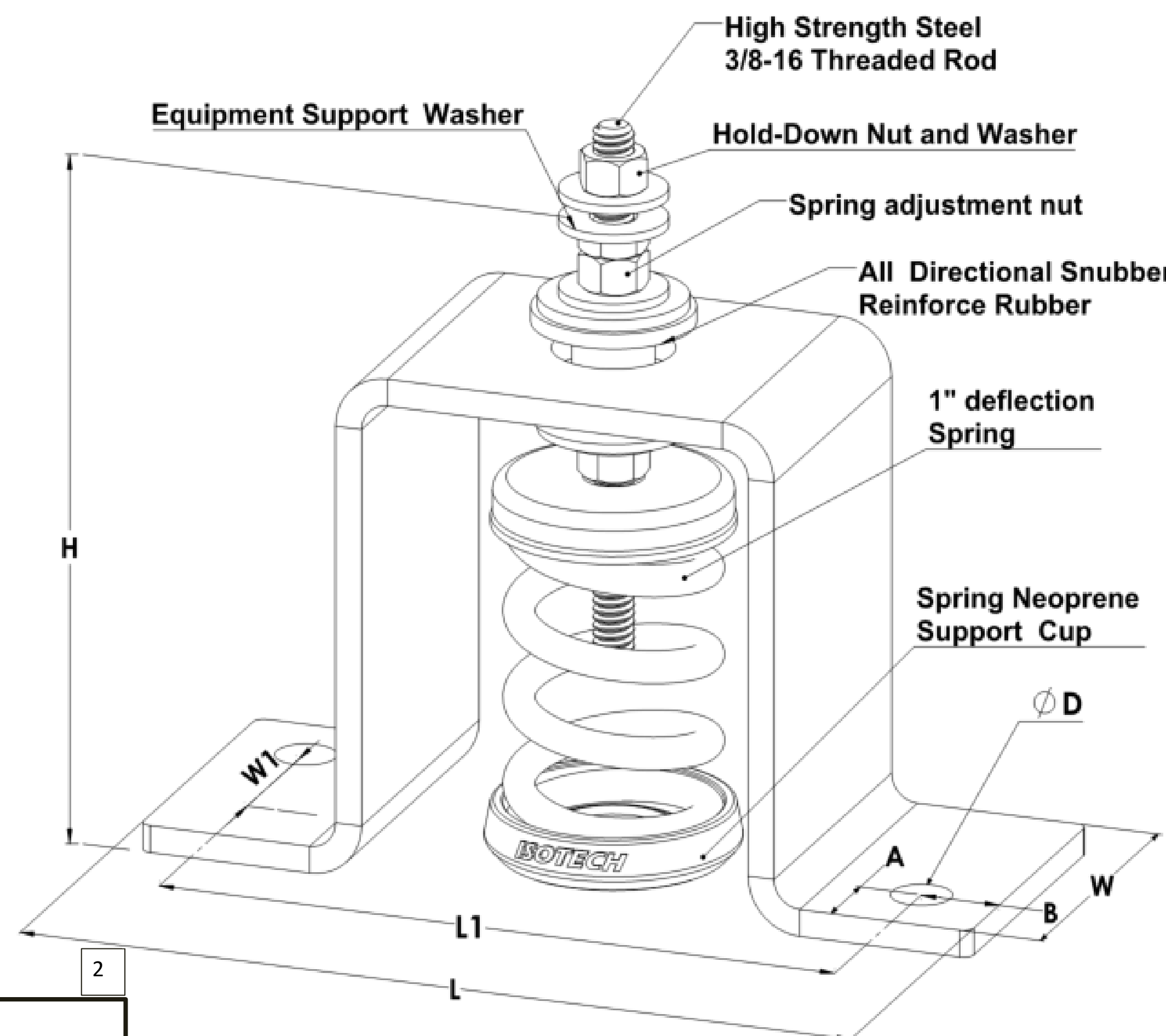
### Isolators' Location

1:	4:
2:	5:
3:	6:

### Model

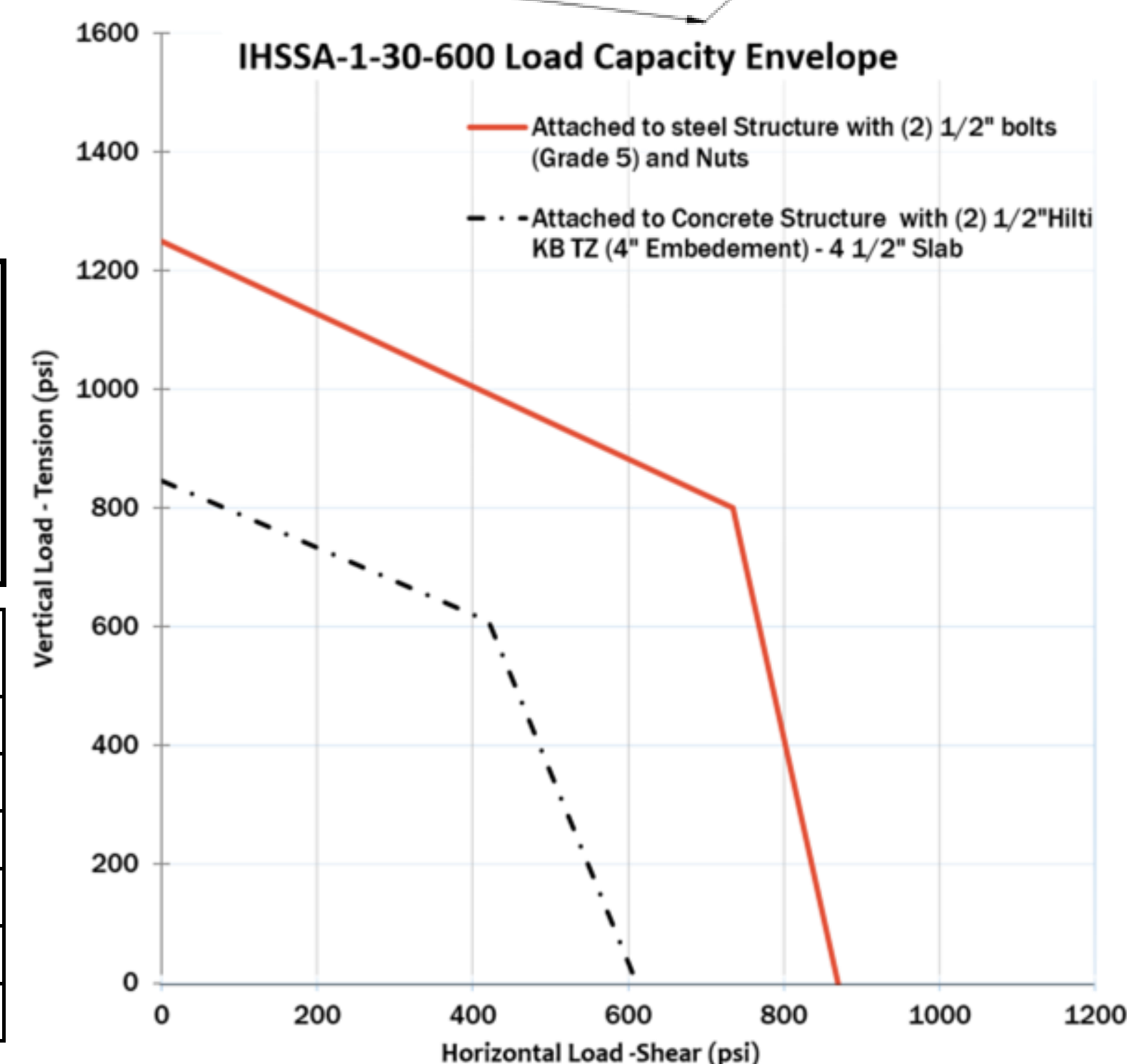
#### IHSSA-1-30-600

L		W		H	
in	mm	in	mm	in	mm
8.0	204	3.0	77	5 15/16	151
L1		W1		øD	
in	mm	in	mm	in	mm
6 1/2	166	1 1/2	39	9/16	15
A		B		Spring Adjustment Bolt	
in	mm	in	mm		
3/4	20	3/4	20	3/8"	



Plan view of installation - Mounts under equipment

\* Anchor capacity is based on 4000 psi reinforced concrete with minimum 6" edge distance. Hilti anchors- Type KBTZ - were considered for all calculations. Detailed calculations must be performed if different anchors are used.



Project Information:		Equipment Information:	
Customer:		Type:	
Consulting Engineer:		Model:	
Acoustical Consultant:		Weight:	
Project:		Location in Bldg.:	
Drawing No.:		Qty Required	
Note:			