

ICSS-4 INSTALLATION INSTRUCTIONS ATTACHMENT TO CONCRETE STRUCTURE

File No.: ISOCS-ICSS-4-100-5000

Date: 03/29/22

ISOIN-ICSS-4-100-5000, Installation instructions Document, to be Reviewed for Installation

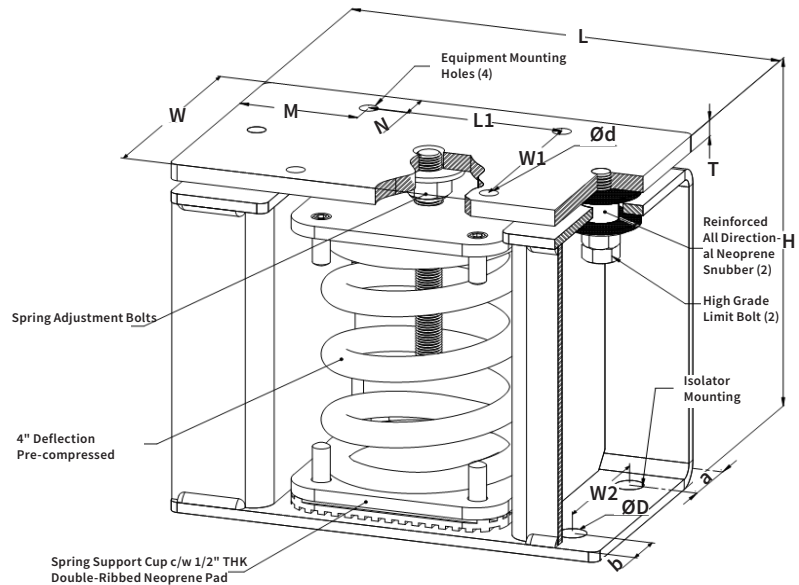
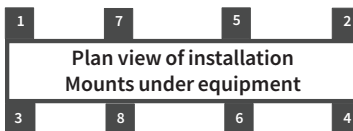
SPECIFICATIONS : ICSS-4" DEFLECTION RESTRAINED SPRING ISOLATOR

Model	Rated Load		Rated Deflection		Spring Color		Approx. WT.	
	lbf.	Kn	in	mm	outer	inner	lbs.	Kg
ICSS-4-100	100	0.445	4.0	102.0	YELLOW	---	93.50	42.42
ICSS-4-200	200	0.89	4.0	102.0	GREEN	---	94.00	42.64
ICSS-4-300	300	1.335	4.0	102.0	GREEN	BLUE	96.00	43.55
ICSS-4-400	400	1.78	4.0	102.0	GREEN	WHITE	96.50	43.78
ICSS-4-500	500	2.225	4.0	102.0	WHITE	---	97.00	44
ICSS-4-600	600	2.669	4.0	102.0	WHITE	BLUE	98.00	44.46
ICSS-4-800	800	3.559	4.0	102.0	WHITE	RED	99.00	44.91
ICSS-4-1000	1000	4.449	4.0	102.0	ORANGE	---	100.00	45.36
ICSS-4-1200	1200	5.338	4.0	102.0	ORANGE	WHITE	102.00	46.27
ICSS-4-1500	1500	6.673	4.0	102.0	GREY	---	103.00	46.72
ICSS-4-1800	1800	8.007	4.0	102.0	GREY	RED	103.50	46.95
ICSS-4-2000	2000	8.897	4.0	102.0	RED	---	104.00	47.18
ICSS-4-2300	2300	9.787	4.0	102.0	RED	RED	106.00	48.09
ICSS-4-2500	2500	11.121	4.0	102.0	RED	YELLOW	107.00	48.54
ICSS-4-2800	2800	12.455	4.0	102.0	BLUE	---	108.00	48.99
ICSS-4-3000	3000	13.345	4.0	102.0	BROWN	---	111.00	50.35
ICSS-4-3500	3500	15.569	4.0	102.0	BROWN	YELLOW	112.00	50.81
ICSS-4-3800	3800	16.904	4.0	102.0	BLACK	---	112.00	50.81
ICSS-4-4000	4000	17.793	4.0	102.0	BLACK	WHITE	114.00	51.71
ICSS-4-4500	4500	20.017	4.0	102.0	BLACK	GREY	116.00	52.62
ICSS-4-5000	5000	22.241	4.0	102.0	BLACK	BROWN	118.00	53.52

Model					
DIMENSION : ICSS-4-100-5000					
L		W		W1	
in	mm	in	mm	in	mm
12 3/4	324	7 7/8	193	5 3/4	146
H		T		W2	
in	mm	in	mm	in	mm
10 3/4	273	1/2	13	4	102
L1		Ø D		Ø d	
in	mm	in	mm	in	mm
5 3/4	146	1 3/16	21	5/16	15
M		N		a	
in	mm	in	mm	in	mm
3 1/2	89	1 1/8	29	1 1/16	43
b		SPRING ADJUSTMENT BOLT			
in	mm				
1 3/8	36	3/4"			

ISOLATOR'S LOCATIONS

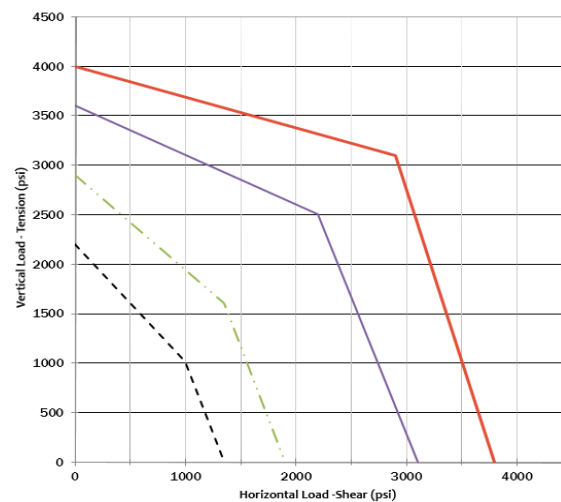
1:	5:
2:	6:
3:	7:
4:	8:



* Load Capacity Envelope: Concrete loads are based on 4000 psi reinforced concrete with minimum 6" edge distance and can be considered for non seismic applications only.

ICSS-4-100-5000 LOAD CAPACITY ENVELOPE

- Attached to Steel Structure with (4) 5/8" Bolts (Grade 5) and Nuts
- - Attached to Concrete Structure with (2) 1/2" Hilti KB TZ (2" Embedment) - 4" Slab
- - Attached to Concrete Structure with (2) 5/8" Hilti KB TZ 4" Embedment - 6" Slab
- Attached to steel structure with (4) 1/2" Bolts (Grade 5) and Nuts



Notes:

- ICSS-4-100-5000 Isolators are all Pre-Compressed to allow the lowest overall installation height and to offer significant labor saving during installation
- All springs have additional travel to solid equal to 50% of the Rated Deflection with minimum Kx/Ky ratio of 1.0 - All Elements are safe at solid load
- Spring(s) are powder - coated to provide maximum corrosion resistance , and are color-coded for easy identification at site - see table above
- Hot-Dip Galvanized finish for Housing to offer maximum corrosion resistance for isolator - Hardware and Spring Compression Cup are zinc - electroplated
- ICSS-4-100-5000 isolators are designed to allow replacement of Neoprene grommet without disturbing equipment. Neoprene grommet are installed to prevent metal to metal

PROJECT INFORMATION		EQUIPMENT INFORMATION		Canada location	USA Location
Customer:		Type:		35 Silton Road Woodbridge ON L4L 7Z8 CANADA T: 905-856-5001	3021 E Coronado St. Anaheim, CA, 92806 U.S.A T: 949-788-2930
Project:		Qty Required:			
Drawing No:		Operating Weight:			
Notes:				Tool free : 1-888-831-3311 www.isotechindustries.com	

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