Installation Guide

CG-SH-1-245-IH

Channel Strut Sound Isolation Bracket

The CG-SH-1-245-IH Vibration Isolation Hangers are designed to reduce the transmission of vibration and noise produced by suspended sources such as mechanical equipment, in-line fans, cabinet fans, piping, ductworks and audio equipment.

The CG-SH-1-245-IH hanger allows a support rod misalignment through a 30° arc without short-circuiting and carry a 245 lb load with a deflection of up to 1.19".

Contents:
Be sure that all of the following items are included in this kit before proceeding:

1 pc. Isolation Hanger
1 pc. 12" all-thread 1/2-13
1 pc. Hardware kit

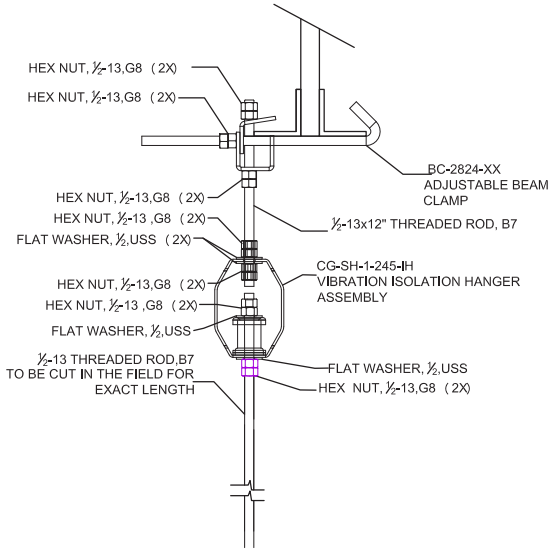

Figure 1

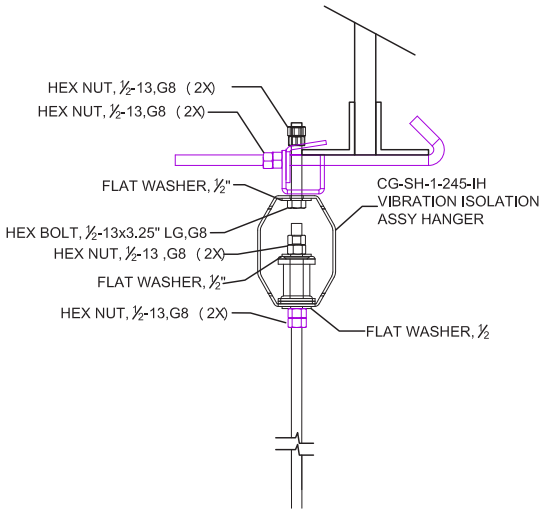

Figure 2

Installation Procedure:

Step 1
Option 1
Attach the CG-SH-1-245-IH isolation hanger to the upper All-thread rod using flat washer and hex nuts. Upper All-thread rod must already be installed to upper structure using beam clamps or other load rated mounting brackets (Figure 1).

Option 2
Attach the CG-SH-1-245-IH isolation hanger directly to a beam clamp using bolts, flat washers and hex nuts (Figure 2).

Step 2
Attach a ½" all-thread rod to the lower hole and into the spring of the isolation hanger . Secure all-thread using a flat washer and hex nuts. Make sure to double the hex nut above the spring for security.

Step 3
Check all connections on the isolation hanger before attaching load to the lower all-tread.

Note to installers:
Due to the wide variety of wall structures, materials and mounting methods, the installing contractor must exercise proper judgment in selecting the mounting area and hardware.

As a guide, the installation, when complete should be capable of supporting 5 to 10 times the actual applied load. Always use a backup safety system such as a safety cable.

To assure a trouble-free installation, read through and follow these instructions carefully before beginning. If you have doubts about the integrity of the structure you are mounting to or you are not sure about the proper hardware to use, consult a structural and/or hardware specialist.