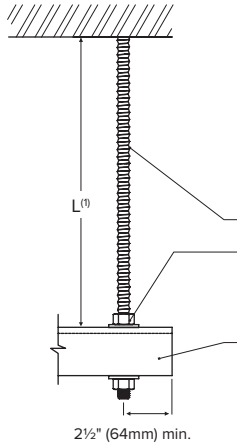
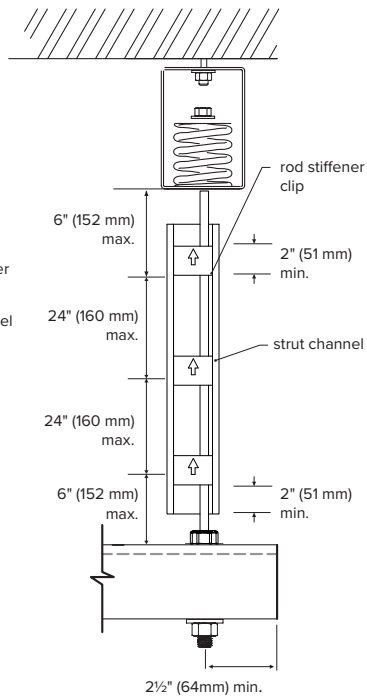
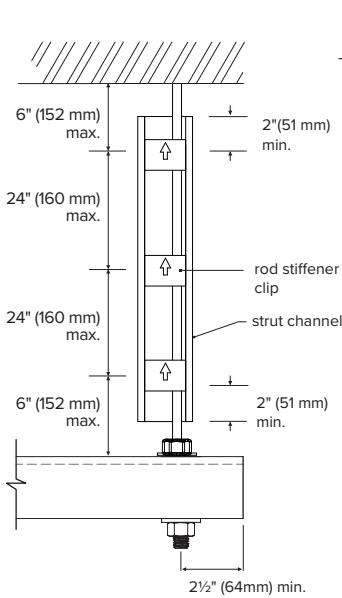
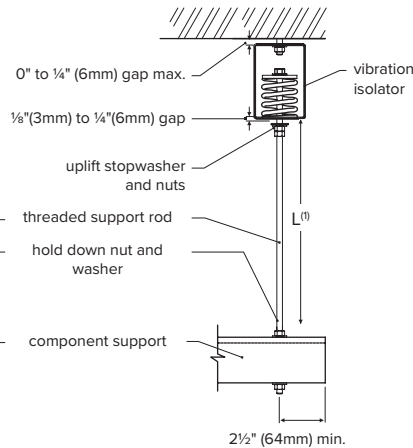


Rigid

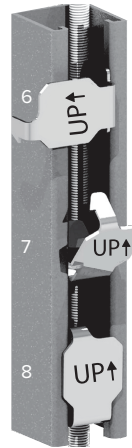


With Isolator



INSTRUCTIONS

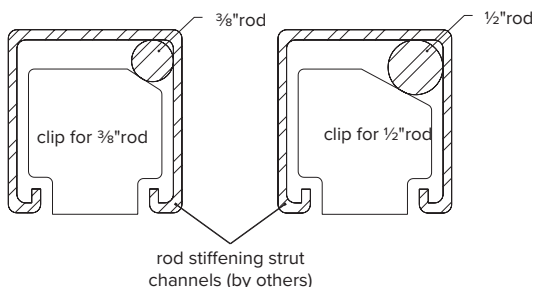
1. Find the support rod at or closest to a cable restraint or rigid restraint attachment point and measure the unbraced rod length "L" as shown in the diagram on the left. (**Note:** rigid restraints cannot be used when vibration isolation is required)
2. If "L" exceeds the values shown below for its corresponding diameter or the uplift force exceeds the maximum uplift force allowed then rod stiffeners may be required. Contact Vibro-Acoustics for further analysis. If stiffeners are required, then install as follows.
3. Ensure support rod is secured to suspended component with a hold down nut and washer to prevent the component from moving up the rod.
4. Choose the clip size that matches the size of the rod (see detail)
5. Cut the strut channel (by others) to length, no more than 8" shorter than the "L" dimensions.
6. Position the strut channel so that the rod is in the rear right corner. Insert the correct number of clips as shown below.
7. Rotate the clip 90 degrees, so the arrow points up.
8. Push to lock in place. No tools needed.
9. If the clip does not snap into place and firmly hold the rod in first attempt; reinstall the clip after turning the strut channel upside down. Due to strut channel variations from different manufacturers, the clips may work better with the rod pushed into the other corner.
10. Double check the dimensions and adjust as necessary.



Model	Rod Size Ø	L <sup>(1)</sup>	Max. Uplift Force
	in mm	in mm	lb kN
QC-38	3/8 10	19 482	171 0.76
QC-50	1/2 12	25 635	312 1.39
QC-63	5/8 16	30 787	495 2.20
QC-75	<sup>(2)</sup> 3/4 20	37 940	721 3.21
QC-88	<sup>(2)</sup> 7/8 22	44 1092	988 4.40
QC-100	<sup>(2)</sup> 1 24	50 1270	1248 5.55
QC-112	<sup>(2)</sup> 1 1/8 30	56 1422	1593 7.09
QC-125	<sup>(2)</sup> 1 1/4 36	62 1575	1981 8.81

<sup>(1)</sup> L Maximum allowable threaded rod length without stiffener  
<sup>(2)</sup> Contact Vibro-Acoustics for availability of these sizes

ROD STIFFENER DETAIL



NOTES

- Minimum (2) Rod Stiffener clips per rod
- Rod stiffener requirements apply only to threaded rods that have seismic restraint attachment, or are located adjacent to restraint locations.
- The clip is intended for use with 1-5/8" x 1-5/8" x 12 GA strut channel that has not been bent or damaged in any way.