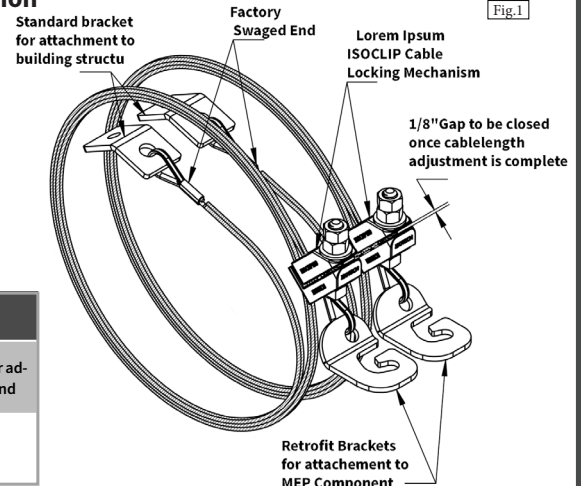


**Review submittal package, read all details and conditions on site prior to performing any work on site. Follow submittal package and marked up drawing(s) to locate cable restraint position and direction**

**Cable Restraint Kit includes the following items**

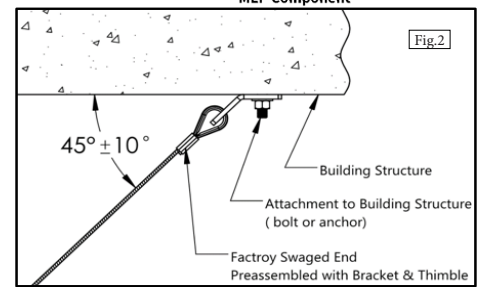
- 2 sets of fully assembled 10' long Certified Pre-stretched 7x19 Galvanized Aircraft Cable Restrained Systems. One end is Factory Swagged and Pre-assembled with Attachment Bracket and wire rope thimble, other end is assembled with ISOTECH Cable Locking Mechanism (ISOCLIP), wire rope thimble and retrofit bracket for attachment to MEP Component. (Fig. 1)



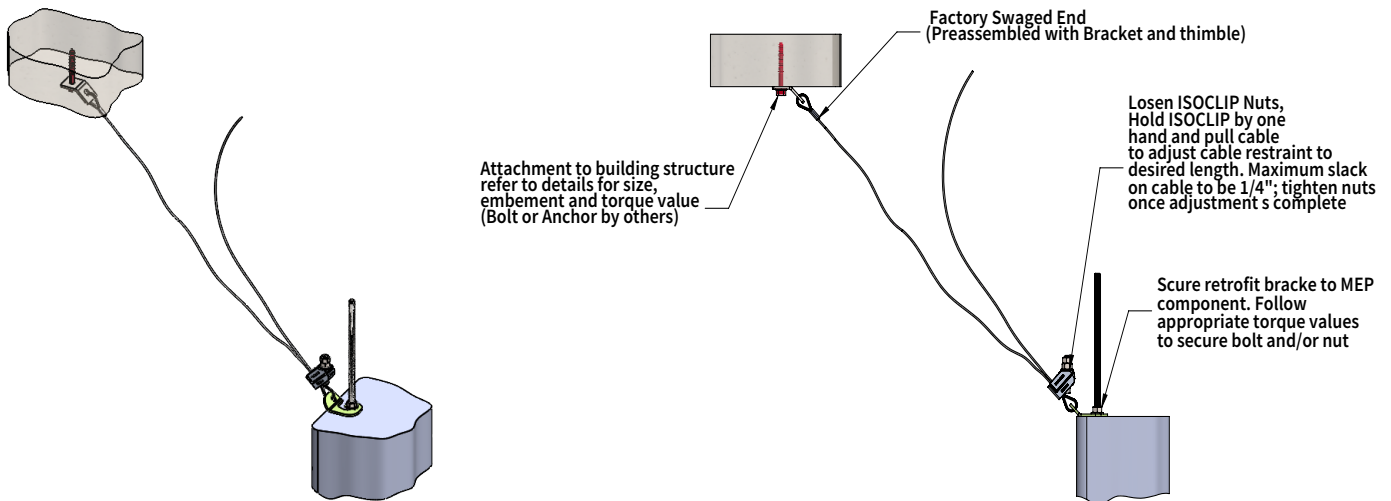
Model	Max. Rating		Bracket Model		Anchor Size for factory swagged end	Bolt Size for adjustable end
	lbf.	kN	Factory Swagged End	Other End		
ICRS-600RA	600	2.7	332 Anch. Bracket	Retrofit Bracket 500	3/8"	1/2"
ICRS-1000RA	1000	4.4	180 Anch. Bracket	Retrofit Bracket 1000	1/2"	5/8"

1. Cable restraint must be installed at  $45^{\circ} \pm 10^{\circ}$  to secure Equipment Pipe or Duct to building structure (Fig. 2)

2. Secure Cable restraint factory swagged end to building structure with bolt or seismically rated concrete anchor. Review submittal package for connection details, including bolt/ anchor type, size, embedment, etc. Follow anchor manufacturer installation instruction for torque value and proper anchor installation.



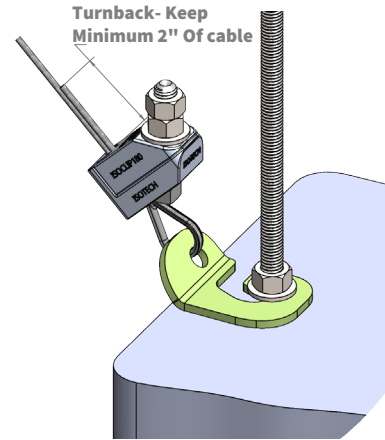
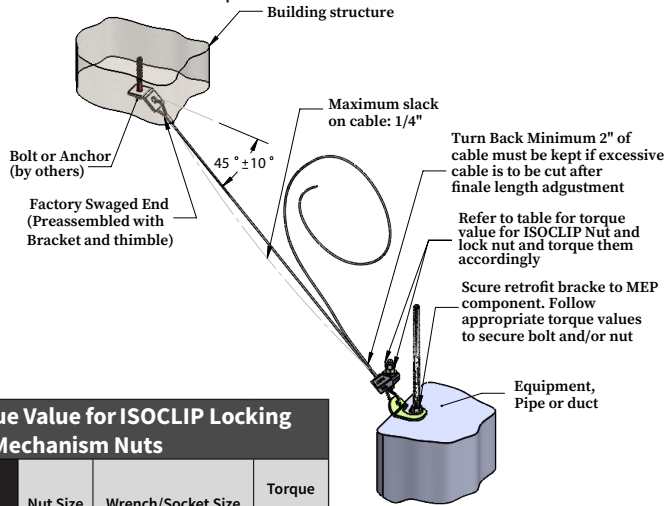
3. Loosen ISOCLIP Nuts, hold ISOCLIP by one hand and pull cable to get to the desired length. Connect and secure attachment bracket to equipment, pipe or duct – review submittal package for connection details, including bolt size and grade – and follow steps shown on the next page for proper attachment of cable to attachment bracket:



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 <a href="http://www.isotechindustries.com">www.isotechindustries.com</a>	



4. Follow Table 2, see below, torque ISOCLIP both nuts to values on the table while holding isoclip by hand. Maximum allowable slack on cable is 1/4". Loosen nut and pull cable to remove excessive slack on cable. Leave minimum 2" turn back from ISOCLIP and cut extra cable.



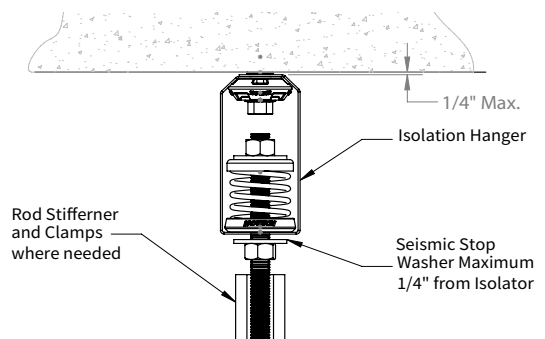
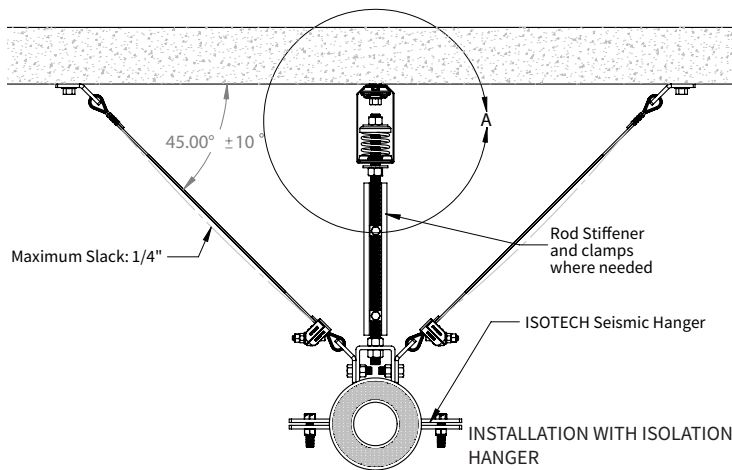
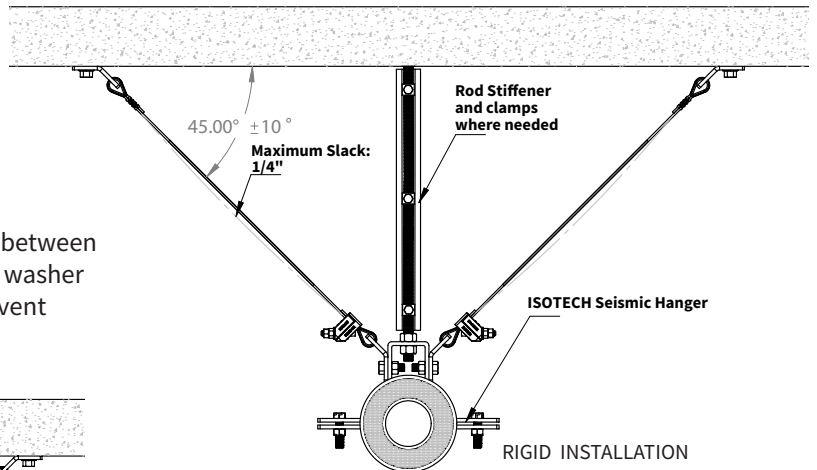
**Table 2 - Torque Value for ISOCLIP Locking Mechanism Nuts**

Model	Nut Size	Wrench/Socket Size	Torque
			Ft lbs
ICRS-600RA	3/8"	9/16"	25
ICRS-1000RA	1/2"	3/4"	50

**Cable Restraint Installation:**

**Note:**

For installation with isolation hanger Maximum gap allowed between Isolation hanger and building structure is 1/4" as shown. Stop washer must be installed 1/4" from isolation hanger, as shown, to prevent upward movement



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