

ICRS-RA ADJUSTABLE CABLE RESTRAINT SYSTEM WITH RETROFIT BRACKET

Swaged End

File No.: ISOIN-ICRS-600RA-1000RA

Standard bracket

for attachment to

building structu

Date: 22/08/17

Lorem Ipsum

Locking Mechanism

ISOCLIP Cable

Fig.1

1/8"Gap to be closed

once cablelength adjustment is complete

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 Factory

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)

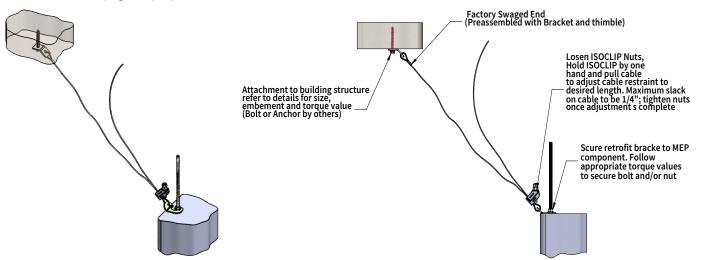
Table 1: ICRS-RA ADJUSTABLE CABLE RESTRAINT SYSTEM WITH RETROFIT BRACKET								
Model	Max. Rating		Bracket Model		Anchor Size for factory swaged	Bolt Size for ad- justable end		
	lbf.	kN	Factory Swaged End	Other End	end	justable end		
ICRS-600RA	600	2.7	332 Anch. Bracket	Retrofit Bracket 500	3/8"	1/2"		
ICRS-1000RA	1000	4.4	180 Anch. Bracket	Retrofit Bracket 1000	1/2"	5/8"		

- 1.Cable restraint must be installed at 45°±10° 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.

MEP Componen Fig.2 45° 10 **Building Structure** Attachment to Building Structure Factroy Swaged End Preassembled with Bracket & Thimble

Retrofit Brackets for attachement to

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:	Туре:	35 Silton Road	3021 E Coronado St.
Project:	Qty Required:	Woodbridge ON L4L 7Z8 CANADA	3021 E Coronado St
Drawing No:	Operating Weight:	T: 905-856-5001	
Notes:	Tool free : 1-888-831-3311 www.isotechindustries.com		

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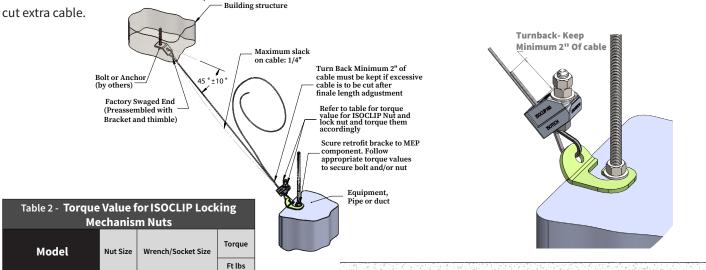


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4.Follow Table 2, see below, torque ISOCLIP both nuts to values on the table while holding isoclip by hand. Maximum allowable slack on cable is ¼". Loosen nut and pull cable to remove excessive slack on cable. Leave minimum 2" turn back from ISOCLIP and



45.00°

 \pm 10 $^{\circ}$ Maximum Slack:

Cable Restraint Installation:

3/8"

1/2"

Note:

ICRS-600RA

ICRS-1000RA

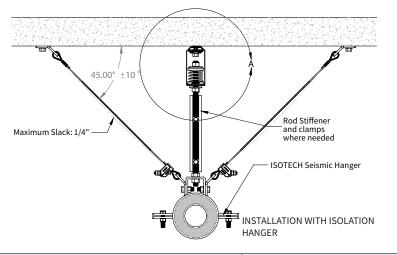
For installation with isolation hanger Maximum gap allowed between Isolation hanger and building structure is $\frac{1}{4}$ " as shown. Stop washer must be installed $\frac{1}{4}$ " from isolation hanger, as shown, to prevent upward movement

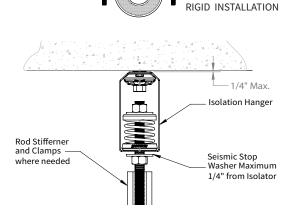
9/16"

3/4"

25

50





Rod Stiffener

and clamps where needed

ISOTECH Seismic Hanger

PROJECT INFORMATION		EQUIPMENT INFORMATION	Canada location	USA Location	
C	Customer:	Type:	35 Silton Road	3021 E Coronado St. ■ 200	
P	Project:	Qty Required:	Woodbridge ON L4L 7Z8 CANADA	3021 E Coronado St. Anaheim, CA.,92806 U.S.A T: 949-788-2930	
D	Prawing No:	Operating Weight:	T: 905-856-5001		
N	Notes:			Tool free : 1-888-831-3311 www.isotechindustries.com	

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