

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 10' long Certified Pre-stretched 7x19 Galvanized Aircraft Cables, one end is Factory Swaged and Pre-assembled with Attachment Bracket and wire rope thimble (Fig. 1)
- QTY= (2) Crimping Sleeves for Field Swaged Ends (Fig. 2 )
- QTY= (2) Galvanized Heavy Duty Wire Rope Thimbles (Fig. 2 )
- QTY= (2) Zinc-Plated Attachment Brackets (Fig. 2 ) - See Table 1 below for Bracket Types for different Models:

Standard and Retrofit Kits  
Factory Swaged End - Pre-assembled

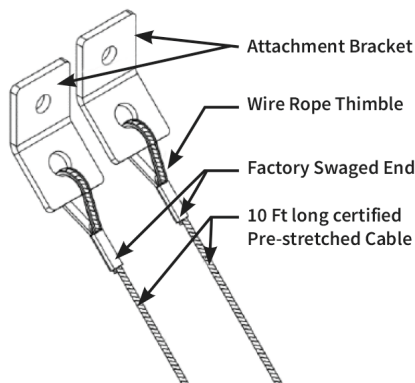


Fig 1.

Field Swaged End components for models:  
ICRS- 3000- Standard Kit

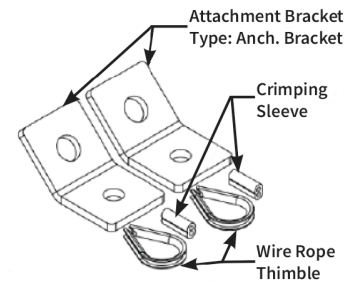


Fig 2.

## SPECIFICATIONS :ICRS CABLE RESTRAINT SYSTEM

Model	Cable Kit Type	Max. Rating		Bracket Model		Fig.
		Lbf.	Kn	Factory Swaged End	Field Swaged End	
ICRS-3000	Standard	3000	9.3	360 Anch. Bracket	360 Anch. Bracket	Fig 2

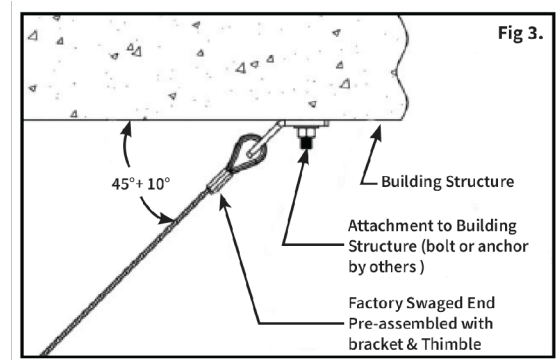
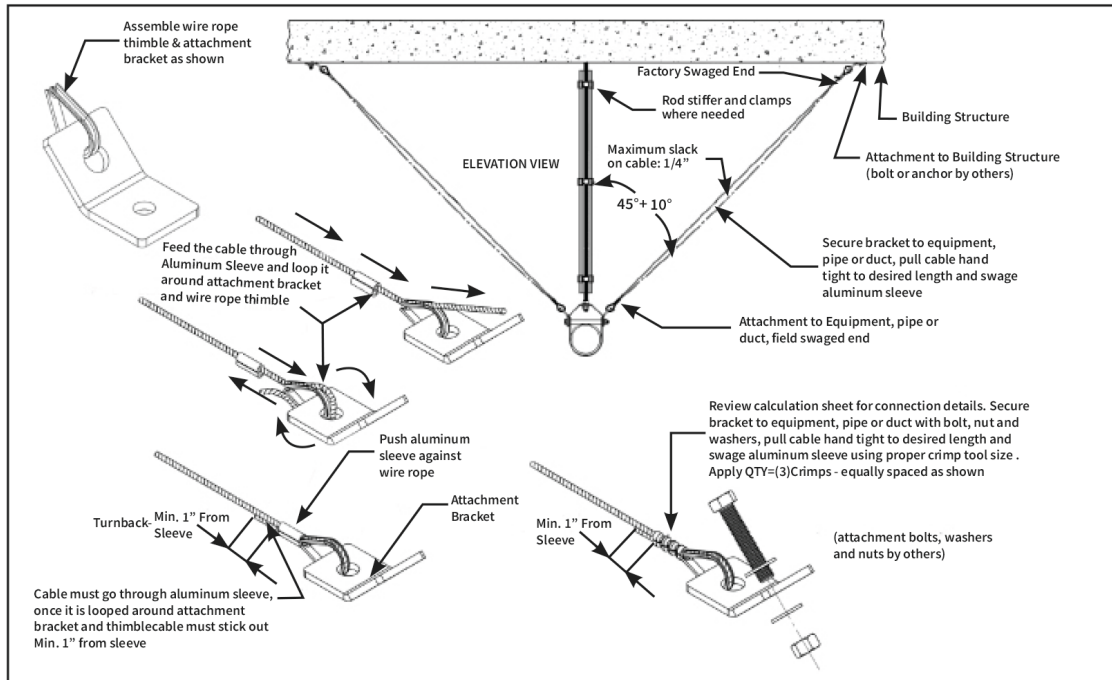


Fig 3.

1. Cable restraint must be installed at  $45^{\circ} \pm 10^{\circ}$  to secure Equipment Pipe or Duct to building structure (Fig. 3)
2. Secure Cable restraint factory swaged 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. 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:

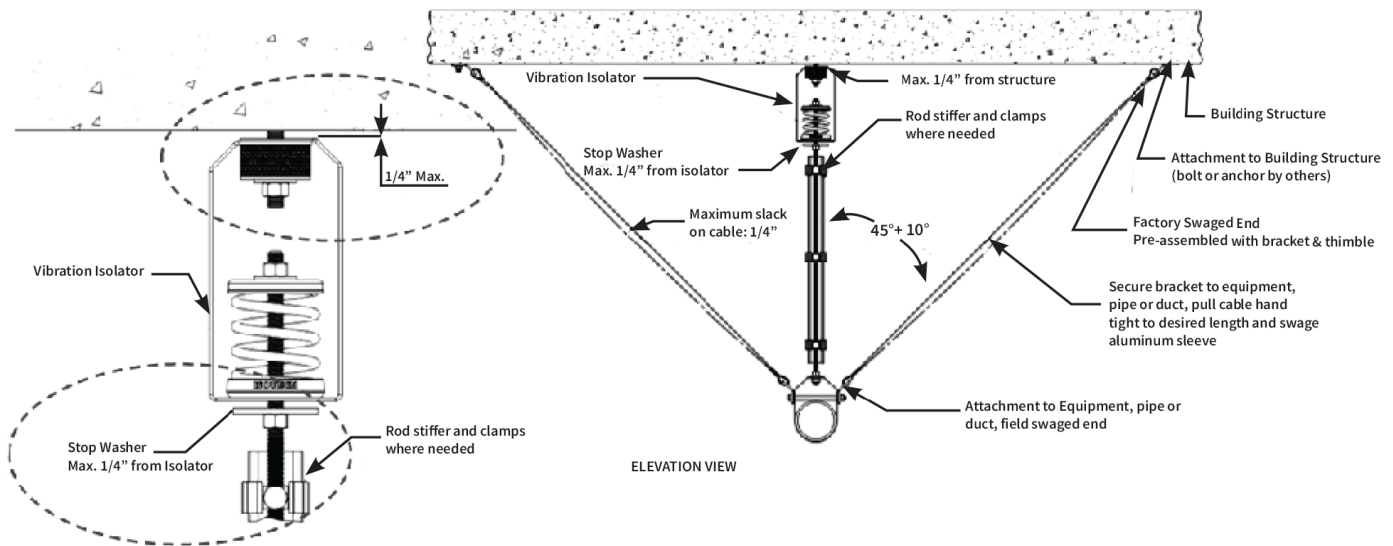
Project Information		Equipment Information		<div><div>Canada Location</div><div>8 High Meadow Pl. North York, ON. M9L 2Z5, Canada</div></div> <div><div>U.S.A Location</div><div>3021 E Coronado St. Anaheim, CA. 92806, U.S.A</div></div> <div><div>www.isotechindustries.com</div></div>
Customer:		Type:		
Project:		QTY Required:		
Drawing NO:		Operating Weight:		
Notes:				

## Cable Restraint Installation:



## Cable Restraint Installation with Isolation Hangers:

- Follow Steps 1 to 3 – Install cable restraint systems once the installation of Isolation hanger(s) is completed and equipment, pipe or duct is leveled
- 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



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