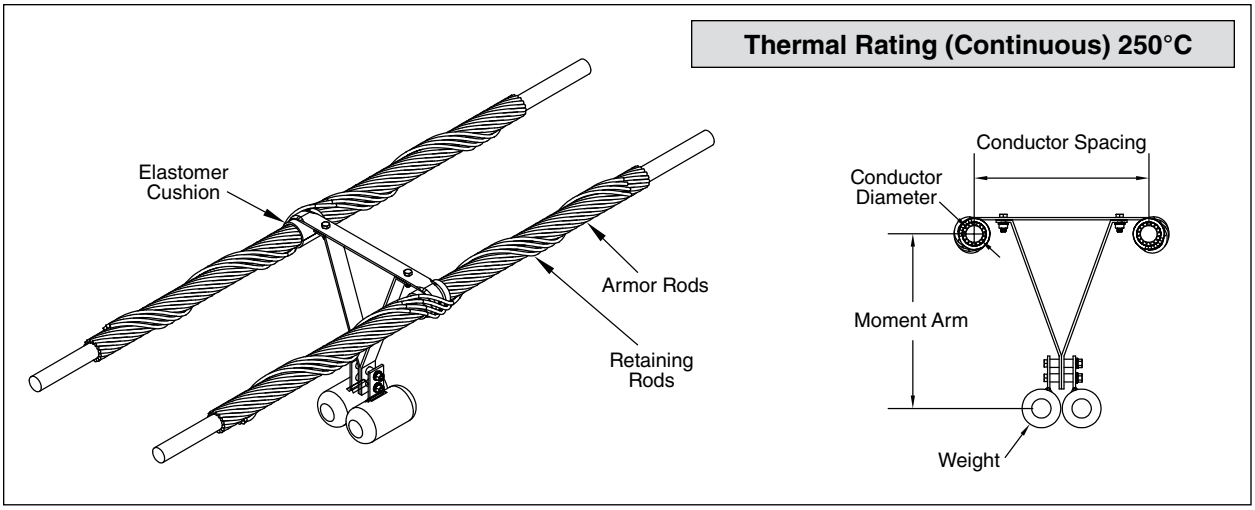
Detuning Pendulum



NOMENCLATURE

Armor Rods: Protect conductor – armor rods are applied to the conductor before placing the Detuning Pendulum in order to protect the outer aluminum strands from damage at the attachment location

Rubber Sleeve: Protect armor rods – the rubber sleeve provides an added layer of protection to the armor rods where the Detuning Pendulum is placed on the armor rods.

Attachment Rods: Secure Detuning Pendulum – helical rods are used to attach the Detuning Pendulum to the conductor. Helical rods reduce the level of strain to the armor rods at the attachment point.

Conductor Spacing and Diameter: Detuning Pendulum is designed to match the conductor spacing and conductor diameter for proper fit.

Detuning Pendulum Moment Arm and Weight: Arm length and weight required to overcome moment of ice and wind load, thus minimizing or eliminating galloping.

GENERAL INFORMATION

Detuning Pendulums are designed to minimize the amplitude of vertical conductor motion during a galloping event. For additional information and background on galloping and PLP's galloping products please obtain a copy of PLP's Conductor Galloping Basics which can be found at www.preformed.com.

ORDERING INFORMATION

Detuning Pendulum Design and Placement is project specific and requires analysis by Preformed Line Products. Preformed Line Product's extensive experience with laboratory and field testing allow us to provide you with placement and design recommendations that will minimize the motion of the conductor bundles and maximize the longevity of the line due to galloping events. Please contact Preformed Line Products for details on design and placements.