Speed-Grip® Spacers for Two Bundle Conductors—3300 Series

Spacers are necessary on horizontal bundle construction to prevent damage from wake-induced oscillation, ice unloading and short circuit clashing. AFL's Speed-Grip Spacer employs elastomer bushed clamps to firmly grip the conductor. It is specially designed to allow rapid installation without special tools.

What is wake-induced oscillation?
Wake-induced oscillation is a motion particular to bundled conductors experiencing moderate to high crosswinds. It takes various forms based on the bundle configuration and winds that occur. Damage can result due to conductor clashing or wear of attachment hardware, and thus it is important to protect against it. AFL has been researching oscillation to understand it and has developed improved accessories to control it.

Features

- Fully Assembled
  The Speed-Grip Spacer is ready for immediate installation. The bushings are seated, frames interlocked and the wedge-lock bolt in place.

- Quick Installation
  With no loose parts, whether from a helicopter, spacer cart or bucket, the Speed-Grip spacer takes seconds to install.

- No Special Tools
  With the wedge-lock breakaway bolt, no special tool or torque wrench is needed. Simply tighten the bolt until the head shears off, indicating proper torque has been achieved.

- Customized Design
  The Speed-Grip Spacer is designed with a standard 18 inch spacing. For applications requiring other spacing dimensions, contact the AFL Technical Support Team.

- Spacers for T2 Conductors
  AFL has developed a special clamp insert that allows the speed grip spacer to be firmly secured to a T2 conductor. See page 394 for an illustration of the spacer and the attachment. Please contact our engineering department for applications involving T2 Conductor.

- High Temperature Applications
  AFL has designed a special clamp insert to withstand the elevated temperatures of high temperature conductors. Two units are currently available for 200°C and 250°C. The 200°C unit is designated by adding the suffix “MT” to the part number. (i.e. 3326MT). The 250°C unit is designated by adding “HT” to the part number. (i.e. 3326HT). See page 337 for information on the HiTemp® Speed-Grip™ Spacers—3300HT Series. Please contact our engineering department for performance data on these two units.

Vibrec® Damper Recommendation Program
The Vibrec damper recommendation program assists in Speed-Grip Spacer requirements for transmission lines. For more information visit www.Vibrec.com or contact the AFL Technical Support Team at 1.800.866.7385.

Vibration Recommendation Form can be found on page 404.
Speed-Grip® Spacers for Two Bundle Conductors—3300 Series (cont.)

The Speed-Grip Spacer comes fully assembled with no loose parts. The wedge lock break-away bolt requires no special tools to tighten. Unless otherwise requested, standard spacing is 18 inches.

Ordering Information

Speed-Grip Spacers are ordered by catalog number corresponding to the conductor diameter.

Example:

For 795 Drake ACSS Conductor (1.108” diameter) operating at 250°C, the Speed-Grip Spacer catalog number would be:

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3310 HT
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Note:

Installation instructions for Speed-Grip Spacers are on page 402.