

# Splice Shunt

## General Recommendations

The PREFORMED™ Splice Shunt is designed to restore the electrical and mechanical strength of a compression joint which has either developed high resistance, or is in danger of failure due to stress corrosion or other malfunction.

**Electrical Conductivity:** The rods of the Splice Shunt perform this function by shunting current around the installed joint and by providing additional heat radiation surface.

**Mechanical Strength:** The designed mechanical strength of the Splice Shunt restores full mechanical strength to homogeneous conductors. On ACSR type conductors the full mechanical strength of the aluminium strands will be achieved.

The PREFORMED™ Splice Shunt offers an economic, quick and effective means of repair since it obviates the need to lower conductor and to replace with a new section and two new joints

**Product Data:** The Splice Shunt is supplied in sub-sets of 2, 3 or 4 rods, and gritted. The centre section of the rods is cabled. Since this product is custom-designed to meet the requirement of individual conductors and installed joints, technical data is not published. Recommendations will be made for particular applications on receipt of information from customers.

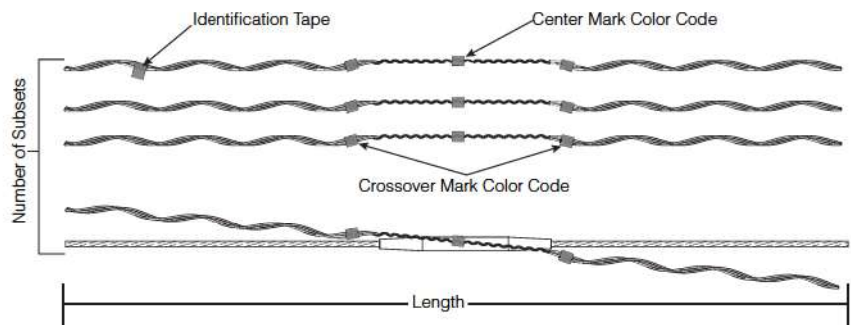
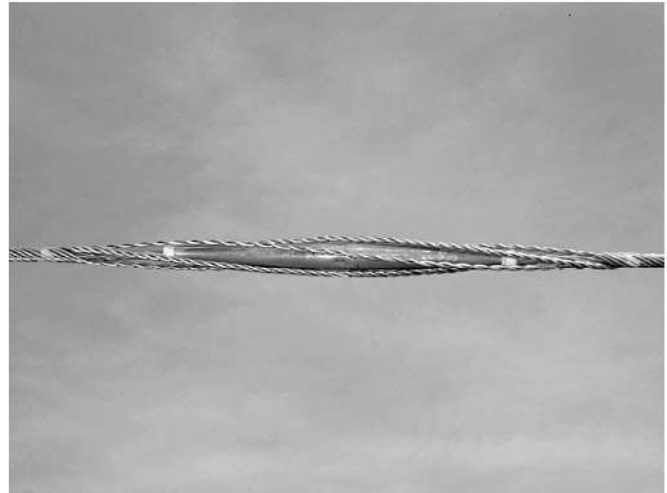
## Cleaning and Preparation

**Wire Brushing:** All conductors, new or weathered, **MUST** be thoroughly wire brushed before the fitting is applied.

**Inhibitors:** All conductors, new or weathered, **MUST** be coated with a quality inhibitor along the area where the fitting is to be applied.

Splice Shunts **MUST NOT** be re-used after original application.

**Catalogue No.:** AS



**Subsets:** Individual rods assembled and gritted into groups (subsets).

**Centre Mark:** Establishes proper alignment of subsets centred on affected splice.

**Colour Code and Length:** Assists in identification of conductor size.

**Identification Tape:** Shows catalogue number, nominal sizes.

**Application/Crossover Mark:** Indicates location where subsets wrap/apply on the conductor on either side of the splice.