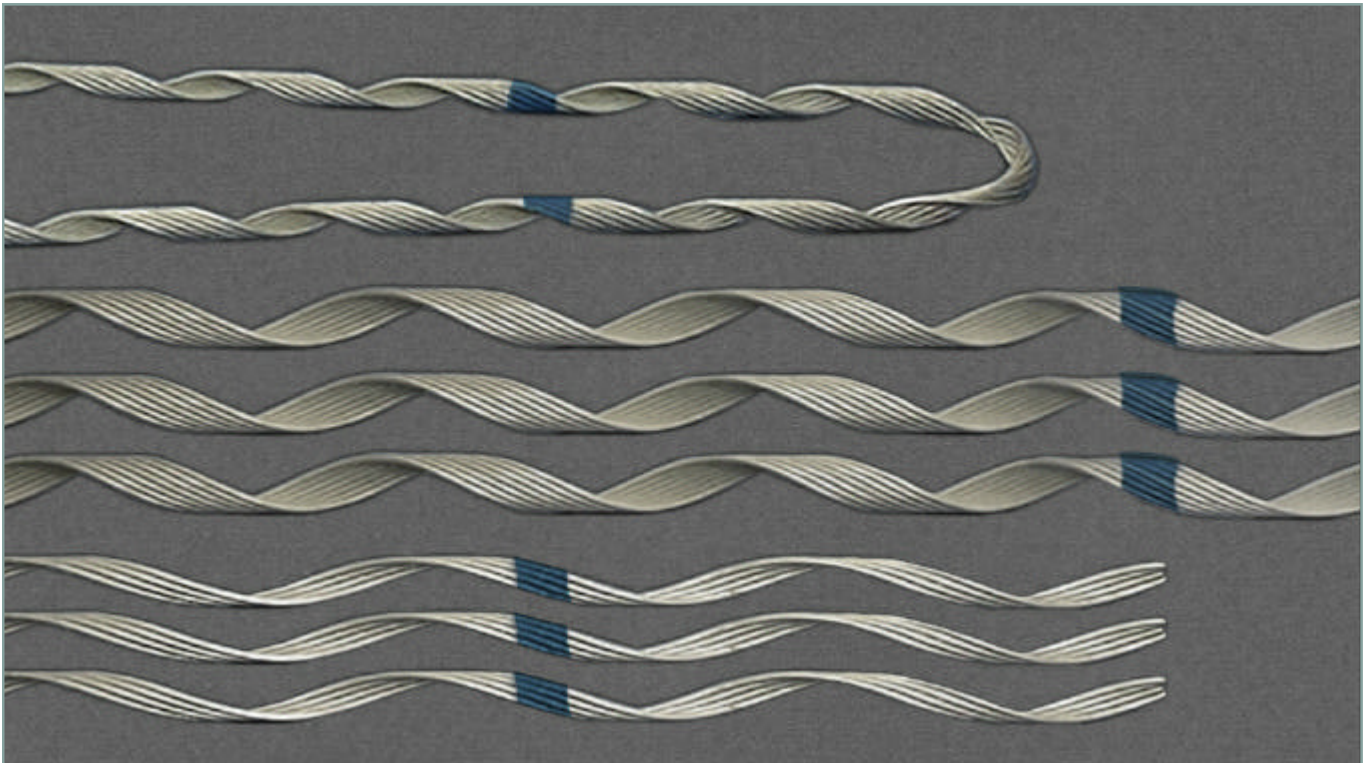


FULL TENSION DEAD ENDS

Series 99000

**GENERAL DESCRIPTION**

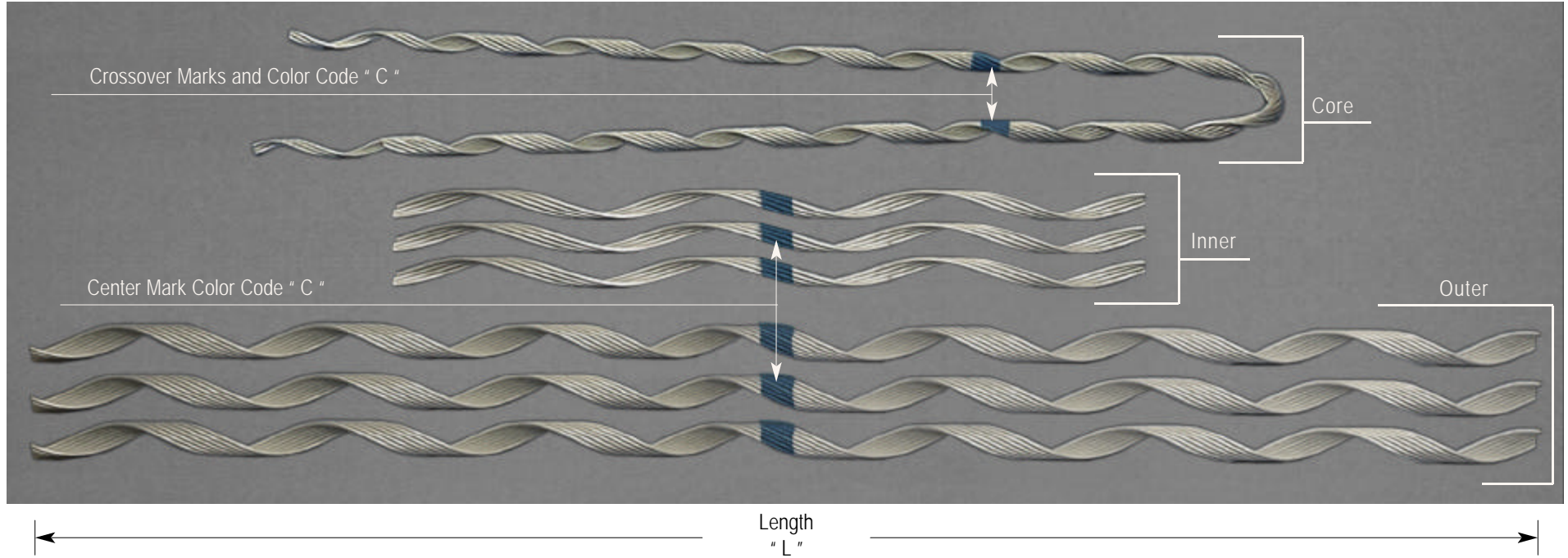
The Full Tension Dead Ends combines the features of both; Guy Ends on the steel core and Dead Ends on the Aluminum Conductor. The Full Tension Dead Ends is custom designed and upon receiving of the field information, the factory will furnish the correct Catalog Number. When properly applied the FTDE will restore the full rated breaking strength of the conductor.

PERFORMANCE

The Full Tension Dead End are not intended to be reused once they have been installed.

FULL TENSION DEAD ENDS

Designed for use on : ACSR, ACSS, ACSS-TZ

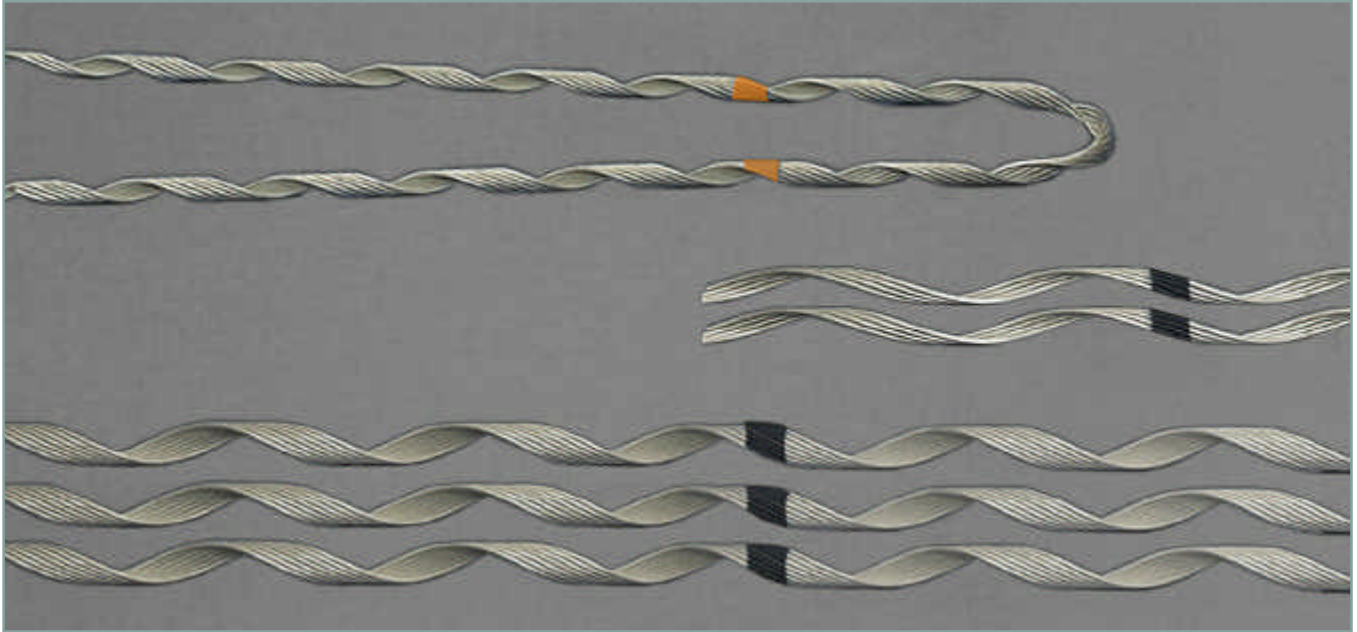


Designation		Diameter Range (inches)		Holding Strength (lbs)		Properties									Packaging per box	
						Core			Inner			Outer				
Catalog Number	Part Number	Min	Max	Type	MBS (Lbs)	Qty of Subset	Color "C"	Length (inches) "L"	Qty of Subset	Color "C"	Length (inches) "L"	Qty of Subset	Color "C"	Length (inches) "L"	Units	Weight (Lbs)
99430	ACSS-1095	1.091	1.111	ACSS	15400	1	ORANGE	35	2	BLACK	27	3	BLACK	56	5	35
99435	ACSS-515	1.112	1.120	ACSS-TZ	26900	1	BLUE	39	3	BLUE	27	3	BLUE	54	5	42

PRE-TENSIONING KIT OF ACSS CONDUCTOR (dia. 27.7mm)

Technical data

99430



DESCRIPTION

The pre-tensioning kit of the ACSS conductor is composed of three layers of helical armor grips:

One (1) steel grip folded 180 degrees, in the middle, to form a loop. Two orange paint marks indicate where the loop is to be closed.

Two (2) filler grips, each made of four (4) helical rods glued together, having a length of 27 in (689mm). A black paint mark indicates the middle of the rods

Three (3) aluminum grips, each made of four (4) helical rods glued together, having a length of 56 in (1422 mm). A black paint mark indicates the middle of the rods.

INSTALLATION

1 - Measure 27 inches from the tip of the conductor and wrap a piece of adhesive tape around the cable at that point, in order to prevent unwrapping of the strands of the outer layer.

2 - Remove the aluminum strands over the 27 in length thus baring the steel core.

3- Install the steel armor grip: align the paint marks with the tip of the steel core and wrap the two legs of the grip around the core.

4 - Install the 27 in filler grips over the steel armor grip.

5 - Install the three 56 in aluminum grips, half over the filler grips and half over the aluminum strands of the conductor: start with the middle by aligning the paint marks with the tip of the filler grips and the end of the aluminum strands.

6 - Make sure that the shackle, U-bolt or rod that passes through the loop of the steel armor grip has a diameter equal or superior to 1 3/8 in.