

TRANSMISSION

2.5" UNIVERSAL TRUNNION[™]

OVERVIEW

The Transmission Universal Trunnion[™] expands the MPS Polymer Line Post portfolio with a standardized, versatile conductor attachment solution. Designed to simplify installation while maintaining the mechanical strength and electrical performance utilities expect. It supports consistent design practices across a range of system configurations.

KEY FEATURES

- **Range Taking Clamp:** The integrated clamp design accommodates conductor diameters from 0.74" to 2.42", eliminating the need for conductor specific clamp configurations
- **Captive Clamping Components:** Accelerates installation and eliminates risk of dropped components
- **Multi-Orientation Installation:** Mounts in any orientation providing versatility in the line design

MARKET RELEVANCE

- Standardizes system design for various conductor and tower configurations
- Reduces SKU complexity and inventory carrying costs
- Supports streamlined construction and maintenance practices
- Enhances storm response efficiency through universal design

MANUFACTURING EXCELLENCE

All TI insulators and components are designed, engineered, and assembled in MPS York, South Carolina facility.



LEADING THE WAY[™]

www.maclepower.com | 855.MPS.SHIP | Fort Mill, SC 29715

CATALOG NUMBER IDENTIFICATION

SMART NUMBERING

The catalog number for an insulator is intended to identify the characteristics and critical performance criteria of the insulator in an easy to understand format, ideally with consistency across the entire insulator product family.

H2 CORE ROD	90 TOWER EF	10 LINE EF	066 RUBBER LENGTH	M MOLDED/EXTRUDED	X CORONA RING	SS SHED PATTERN	025 SHED COUNT
-----------------------	-----------------------	----------------------	-----------------------------	-----------------------------	-------------------------	---------------------------	--------------------------

H2 CORE ROD

H2 = 2.5"
H3 = 3.0"
H4 = 3.5"

90 TOWER EF

10 = Flat Base 12°
11 = Flat Base 0°
1C = Fixed Flat
13 = Flat Base / 13 x 8
50 = 5" BC
90 = Gain 12°
91 = Gain 0°
92 = Gain 12° / 14" Spacing
9C = Fixed Gain 12°

10 LINE EF

10 = Drop Tongue
20 = Horizontal Trunion
50 = 5" BC
60 = Vertical Trunion
C0 = Extended Drop Tongue*
U0 = Universal Trunion™

066 RUBBER LENGTH

Linear Distance EF to EF

M MOLD/EXTRUDED

M = Standard
A = 2.5" Incremental Shed Spacing
B = 2.0" Incremental Shed Spacing
C = 1.6" Incremental Shed Spacing

X CORONA RING

TOWER	LINE
X = None	X = None
A = None	A = 6"
B = None	B = 12"
C = None	C = 17"
E = 12"	E = 12"

SS SHED PATTERN

SS = Standard
RS = Reverse*

025 SHED COUNT

Based on Contamination Level

KEY

- * = Contact for further details
- BC = Bolt circle
- EF = End fitting

NOTES

- Bolt circle end fittings can be rotated
- Some options may be limited by rod diameter
- Don't see what you need? We've got more design options available! Please contact transmission@macleanpower.com for assistance

LEADING THE WAY™

www.macleanpower.com | 855.MPS.SHIP | Fort Mill, SC 29715