

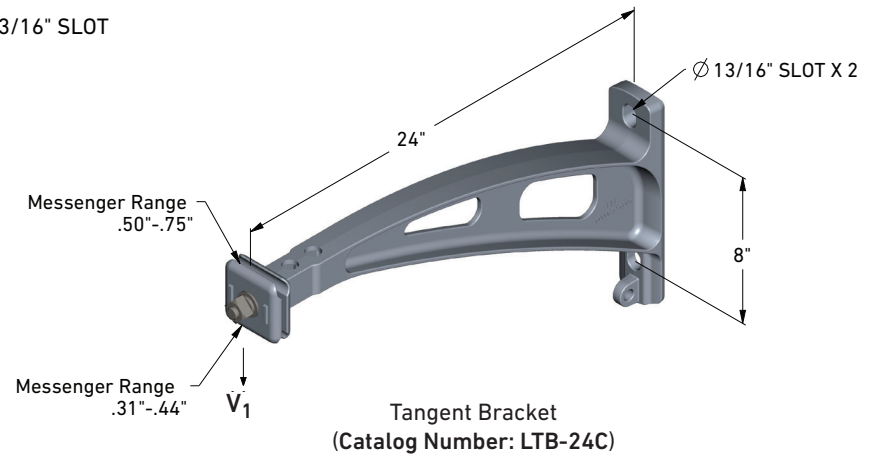
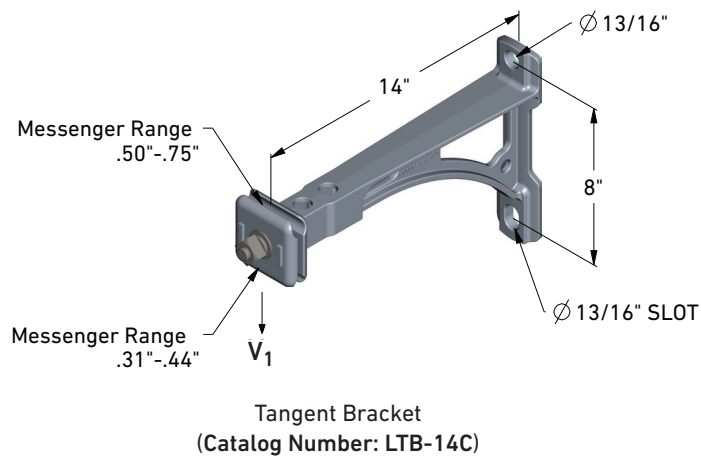
## TANGENT BRACKET

**Tangent Brackets** are designed to support a spacer cable system's messenger. They are used in tangent applications and can accommodate line angles of up to 6 degrees. The brackets are interchangeable with other manufacturers' spacer cable systems. Proper utility grade hardware should be used. All Tangent Brackets are supplied with the MC-2 Messenger Clamp to accommodate messengers from 5/16" to 3/4" in diameter.

### FEATURES AND BENEFITS

- Pole mounting is achieved by using either 5/8" or 3/4" double arming or through bolts (not included)
- Allows for back-to-back double circuit construction
- Accepts standard short shank insulator pin (up to 3/4" shank diameter), insulator for single phase spacer cable angle construction and armless tree wire construction
- Ductile iron construction for strength and durability
- Works in conjunction with roll-by installation equipment and will allow continuous, uninterrupted pulling of cable past tangent structures

## DIMENSIONS



## ORDERING INFORMATION

### Tangent Bracket

Catalog Number	System Voltage	Dimensions		Messenger Range		Minimum Ultimate Vertical Load	Weight per Unit	Material
		Length	Bolt Spacing	Minimum	Maximum	V1		
		in	in	in	in	lb		
LTB-14C	15kV	14	8	0.31	0.75	3200	6.5	Ductile Iron
LTB-24C	46kV	24				6000	16.5	

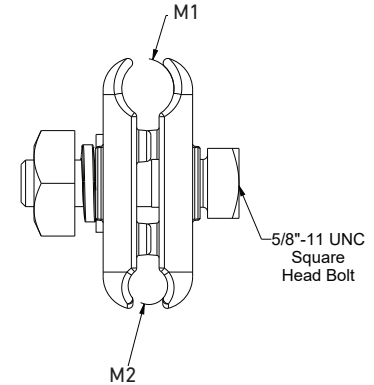
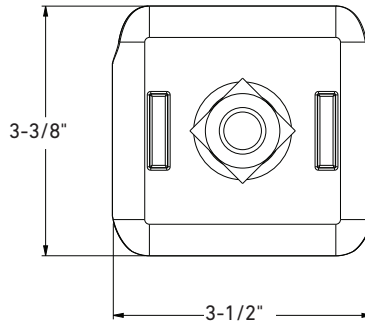
NOTE: Hot dip galvanized per ASTM A153 or A123 (latest version)



## TANGENT MESSENGER CLAMP

The **PLP Tangent Messenger Clamp** is designed for application on tangent brackets to support the messenger of jacketed aerial cable systems. The PLP Tangent Messenger Clamp allows for stringing operations that utilize roll-by blocks and messenger trolleys to smoothly roll past the tangent bracket. The broad messenger range is achieved by providing two clamping grooves that are 180 degrees apart.

The PLP Tangent Messenger Clamp and hardware is supplied with the PLP LTB series of Tangent Brackets. The appropriate groove should be used to ensure the proper clamping force on the messenger is maintained.



## ORDERING INFORMATION

### Dimensions

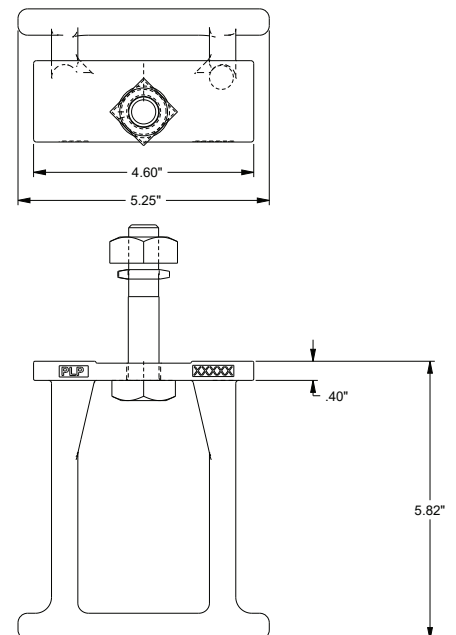
Catalog Number	Description	M1		M2		Weight lb	Material
		Minimum	Maximum	Minimum	Maximum		
		in		in			
MC-2	Tangent Messenger Clamp	1/2	3/4	5/16	7/16	12	Galvanized Steel

**NOTE:** Hot dip galvanized per ASTM A153 or A123 (latest version)

## TANGENT BRACKET STIRRUP

The **Tangent Bracket Stirrup** supports the messenger of the aerial spacer cable system at the tangent bracket. The stirrup is supplied with a 5/8" bolt, nut, and lock washer to attach it to the tangent bracket.

**Application:** The Tangent Bracket Stirrup is used with PLP LTB series Tangent Brackets. The stirrup should be attached to the tangent bracket using the hardware supplied. Stirrups should always be installed as the spacers are installed at the tangent bracket location. The stirrups are interchangeable with other manufacturer's spacer cable tangent brackets.



## ORDERING INFORMATION

### Dimensions

Catalog Number	Description	Minimum Ultimate Load	Weight	Material
		V1		
		lb	lb	
EST-01	Tangent Bracket Stirrup	3100	1.7	Ductile Iron