

A. System Overview

## **Two-Bolt Connector, Bronze, Tin-Plated**

B1. Cable Ties

**For Use with Copper and Aluminum Code Conductors**

### Type VTA

B2. Cable Accessories

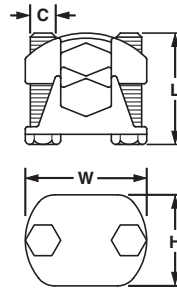
- Made from high strength bronze for heavy duty connections
- Tin-plated to inhibit corrosion and oxidation
- Cap swivels for easy installation of conductors
- Rubber washer retains hardware to connector and eliminates loose parts

- High strength silicon-bronze hardware provides premium mechanical performance when assembled to conductor
- Offered for use with aluminum conductors, but not UL Listed
- UL Listed for use up to 600 V and 90°C temperature rated when used with copper code conductor

B3. Stainless Steel Ties



C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection

Part Number	Copper Conductor Size Range		Copperweld Solid	Aluminum		Figure Dimensions (In.)				Hex Size (In.)	Std. Pkg. Qty.
	Run	Tap		AWG	ACSR	L	W	H	C		
<b>VTA-0-Q</b>	2 STR – 1/0 STR	10 STR – 1/0 STR	2/0	1/0 STR	1	1.25	1.44	0.94	5/16	1/2	25
<b>VTA-1-Q</b>	2 STR – 2/0 STR	10 STR – 2/0 STR	3/0	—	—	1.50	1.56	1.13	5/16	1/2	25
<b>VTA-2-Q</b>	1/0 STR – 4/0 STR	10 STR – 4/0 STR	4/0	—	—	1.75	1.84	1.34	3/8	9/16	25
<b>VTA-3-12</b>	250 – 350 kcmil	10 STR – 350 kcmil	—	—	—	2.00	2.31	1.63	1/2	3/4	12
<b>VTA-4-12</b>	250 – 500 kcmil	10 STR – 500 kcmil	—	—	—	2.25	2.44	1.69	1/2	3/4	12
<b>VTA-5-6</b>	400 – 800 kcmil	3/0 STR – 800 kcmil	—	—	—	2.50	2.69	1.88	1/2	3/4	6
<b>VTA-6-6</b>	500 – 1000 kcmil	3/0 STR – 1000 kcmil	—	—	—	2.75	3.06	2.25	5/8	15/16	6

\*Not UL Listed.

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

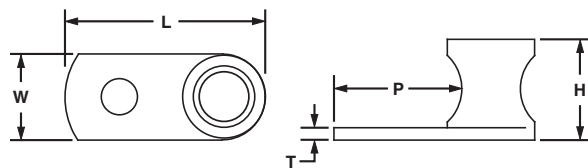
## **One-Hole, Straight Tongue, Barrel Post Lug**

**For Use with Copper Code Conductors**

### Type ML

- Made from high strength electrolytic copper to provide premium electrical and mechanical performance
- Compact design saves space
- Wide wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion

- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- Flat bottom allows for complete contact with mounting surface
- UL Listed for use up to 600 V and temperature rated 90°C



E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Std. Pkg. Qty.
				L	W	H	T	P	
<b>ML8-CY</b>	#14 SOL – #8 STR	3/16	**	0.81	0.38	0.42	0.08	0.48	100
<b>ML4-CY</b>	#14 SOL – #4 STR	1/4	**	1.11	0.54	0.55	0.09	0.63	100
<b>ML1/0-LY</b>	#14 SOL – 1/0 STR	5/16	1/4	1.54	0.73	0.79	0.09	0.80	50
<b>ML250-QY</b>	#6 STR – 250 kcmil	3/8	1/4	1.94	0.94	1.06	0.12	1.00	25

\*\*Uses slotted head set screw.