

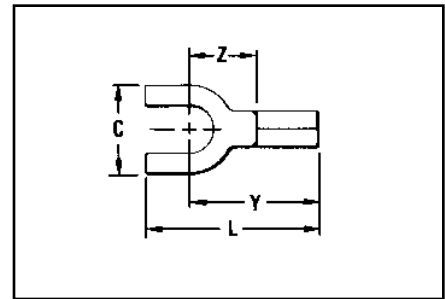
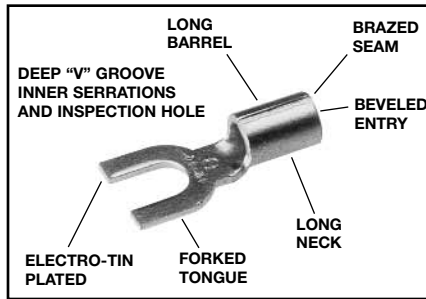
**TYPES T-F AND YAD-F**

**HYLUG™**

Uninsulated Compression Terminal, Fork Tongue

Type T-F is constructed in the same manner as the type "T" and employs a fork tongue.

The fork permits rapid installation of the terminal under a screw head without completely removing the screw. Two or more terminals may be stacked easily on a common stud.



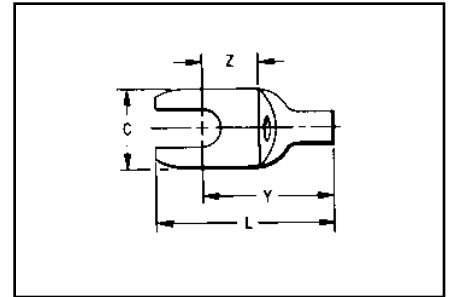
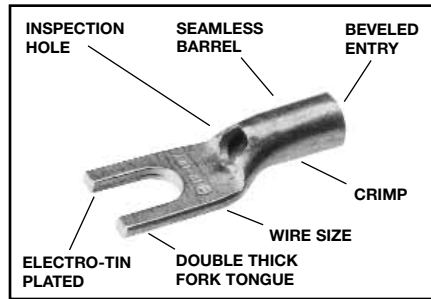
Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.			
T18-6F	22-18	4-6	.28	.68	.55	.25	YAD18-6F	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98 Y8MRB-1, MR20	9/32"
T18-8F		6-8	.31	.74	.57	.27	YAD18-8F		
T18-10F		8-10	.37	.74	.58	.29	—		
T18-14F			.47	.92	.69	.39	YAD18-14F		
T14-6F	20-14	4-6	.28	.68	.55	.25	YAD14-6F	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, Y8MRB-1, MR20	9/32"
T14-8F		6-8	.31	.74	.57	.27	YAD14-8F		
T14-10F		8-10	.37	.74	.58	.29	YAD14-10F		
T14-14F			.47	.92	.69	.39	YAD14-14F		
T10-6F	12-10	4-6	.28	.74	.61	.25	YAD10-6F	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, Y8MRB-1, MR20	11/32"
T10-8F		6-8	.31	.80	.63	.27	YAD10-8F		
T10-10F		8-10	.41	.87	.68	.32	YAD10-10F		
T10-14F			.50	1.00	.75	.39	—		

Blue highlighted items are industry standard and most frequently ordered.

## TYPES YAV-T-F BOX AND YAV-T-F

### HYLUG™

Seamless Uninsulated Compression Fork Tongue Terminal



The type YAV-T-F HYLUG™ is a seamless heavy duty uninsulated compression fork-tongue terminal manufactured from electrolytic copper for use on copper commercial (code) cable, Type AN aircraft cable and extra flexible conductors.

The seamless design produces a double thick tongue and the seamless barrel provides a strong highly reliable connection.

All the benefits of the Type YAV apply for the same wire sizes.

### Features and Benefits

- Fork tongue.
  - ◇ Allows installation of compression terminal under screw head without complete removal of the screw.



Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.			
<b>YAV18-T19F BOX</b>	22-18	4-6	.31	.80	.55	.25	<b>YAV18-T19F</b>	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8-G98, MR8-9Q, MR20, Y8MRB-1	9/32"
<b>YAV18-T21F BOX</b>		8-10	.37	.80	.55	.25	<b>YAV18-T21F</b>		9/32"
<b>YAV14-T32F BOX</b>	20-14	4-6	.31	.80	.57	.25	<b>YAV14-T32F</b>		7/16"
<b>YAV14-T34F BOX</b>		8-10	.37	.82	.60	.26	<b>YAV14-T34F</b>		
<b>YAV10-T21F BOX</b>	12-10	8-10	.38	.91	.69	.26	<b>YAV10-21F</b>		
<b>YAV10-T23F BOX</b>		1/4"	.47	1.00	.75	.34	<b>YAV10T23F</b>		

Blue highlighted items are industry standard and most frequently ordered.

## TYPES YAV-H-F BOX, YAV-H-F AND YAV-Z

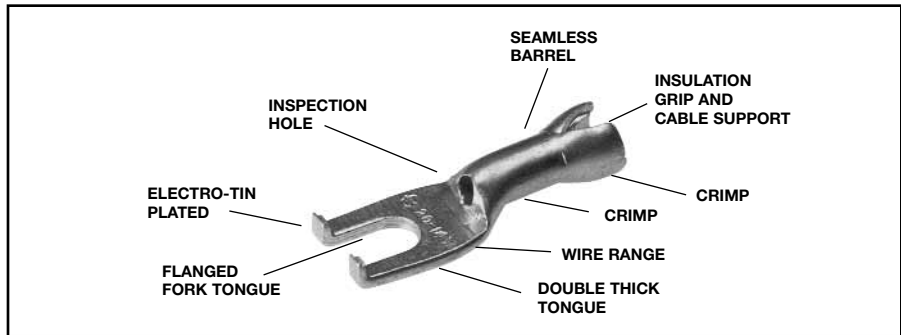
### HYLUG™

#### Uninsulated Compression Terminal Fork Tongue With Seamless Shroud

The type "YAV-H-F" HYLUG™ is a seamless heavy duty uninsulated compression fork tongue terminal with a shroud for an insulation grip and cable support. Manufactured from electrolytic copper tubing for use on copper commercial (code) cable, Type "AN" aircraft and extra flexible conductors.

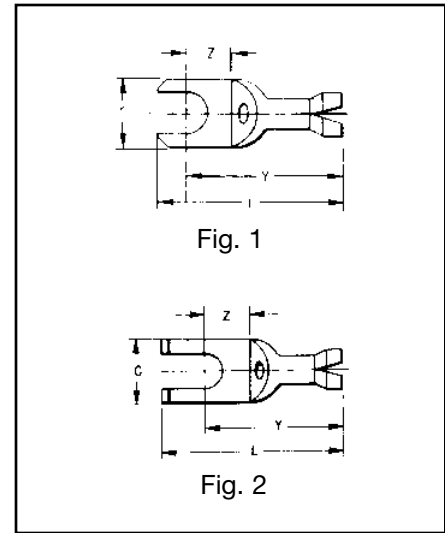
The seamless tubing produces a double thick tongue while the seamless barrel design provides a very strong connector for very demanding applications that require highly reliable connections.

In addition to the benefits described for the YAV box series of connectors the YAVH-F Box and YAV-Z terminals provide the following benefits.



#### Features and Benefits

- Fork tongue.
  - ◇ Allows installation of compression terminal under screw head without complete removal of the screw thereby lowering installation costs.
- Flanged fork tongue.
  - ◇ Allows installation of compression terminal under screw head without complete removal of the screw plus aids in maintaining the terminal on the stud should the screw loosen slightly.



Catalog Number	Fig.	Wire Range	Stud Size	Max. Insul. Dia. Accom.	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
					C	L Max.	Y Max.	Z Min.			
YAV18-H6F BOX	1	22-18	4-6	.120	.25	.89	.80	.19	YAV18-H6F	Non-Ratchet: Y10D*, Y14MV, Y10-22* Ratchet: MR8-G98, MR8-9Q, Y8MRB-1*, MR20, and M8ND with N14HT-5 Die or N14HT	1/4"
YAV18-H19 BOX	1		4-6	.120	.30	.97	.75	.21	YAV18-H19F		
YAV18-H21F BOX	1		8-10	.120	.37	.97	.76	.22	YAV18-H21F		
YAV14-Z5 BOX	2	20-14	4-6	.150	.31	.89	.69	.13	YAV14-Z5		
YAV14-H32F BOX	1		4-6	.150	.30	.96	.78	.23	YAV14-H32F		
YAV14-H56F BOX	1		6-8	.150	.30	.96	.78	.23	YAV14-H56F		
YAV14-H34F BOX	1		8-10	.150	.37	.96	.78	.23	YAV14-H34F		
YAV14-HF BOX	1		8-10	.150	.31	.93	.78	.23	YAV14-HF		
YAV14-Z6 BOX	2		8-10	.150	.37	1.04	.78	.21	YAV14-Z6		
YAV10-HF BOX	1		12-10	8-10	.192	.38	1.07	.92	.24	YAV10-HF	N10HT-24

\* Crimps conductor crimp only.

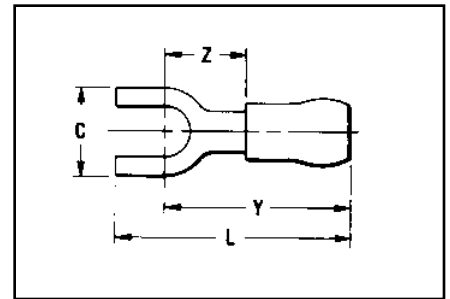
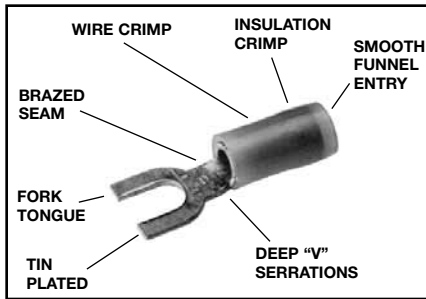
Blue highlighted items are industry standard and most frequently ordered.

**TYPES TN-F AND YAES-F**

**INSULUG™**

Terminal – Nylon Insulated, Fork Tongue

300 Volts Max., 105° C Max.



The type TN-F, nylon insulated fork tongue terminal has the same high quality as the TN. It is designed to meet the heavy-duty requirements of industrial and utility applications.

Used on both power and control circuits for wire sizes #26 AWG through #10 AWG. The TN-F provides high dielectric strength and stability in oily conditions.

The TN-F is identical to the TN with the addition of a fork tongue which allows installation without complete removal of its supporting screw.

**Features and Benefits**

- Fork tongue.
  - ◇ Provides faster and easier installation by permitting insertion under the screw head without completely removing it.



Catalog Number	Wire Range	Stud Sizes	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length	
			C	L Max.	Y Max.	Z Min.				
TN20-2F*	26-20 Max. Insul. Dia. Accom.: .098 Color Code: Amber	1-2	.18	.76	.65	.24	—	M8ND with N14HET-25V1 Die Set	3/16"	
TN20-6F*		4-6	.28	.80	.70	.28	—			
TN18-6F	22-18 Max. Insul. Dia. Accom.: .120 Color Code: Red	4-6	.28	.79	.65	.24	YAES18N1F	Non-Ratchet: Y10D, Y10-22	7/32"	
TN18-8F		6-8	.31	.84	.67	.26	—			
TN18-10F		8-10	.37	.84	.68	.27	YAES18N3F			
TN18-14F		1/4	.47	1.03	.79	.38	—			
TN14-6F	16-14 Max. Insul. Dia. Accom.: .153 Color Code: Blue	4-6	.28	.79	.65	.24	YAES14N6F			7/32"
TN14-8F		6-8	.31	.84	.67	.26	YAES14N53F			
TN14-10F		8-10	.37	.84	.68	.27	YAES14N8F			
TN14-14F		1/4	.47	1.03	.79	.38	YAES14N54F			
TN10-6F	12-10 Max. Insul. Dia. Accom.: .209 Color Code: Yellow	4-6	.28	.96	.82	.24	YAES10N11F	Ratchet: MR8-83**, MR18	11/32"	
TN10-8F		6-8	.31	1.01	.84	.26	YAES10N56F			
TN10-10F		8-10	.41	1.09	.89	.31	YAES10N12F			
TN10-14F		1/4	.50	1.21	.96	.38	YAES10N57F			

\* These sizes not UL Listed.  
\*\* Or other tool conforming to military specification AS25036 or AS90413

Blue highlighted items are industry standard and most frequently ordered.

## TYPES YAE-N-F BOX AND YAE-N-F

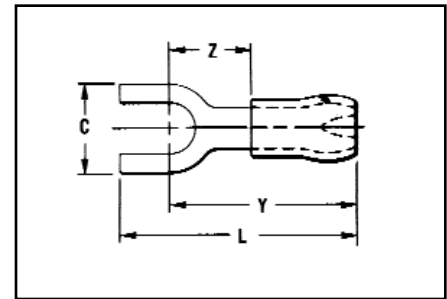
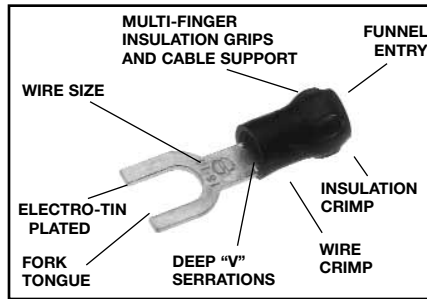
### INSULUG™

Terminal — Nylon Insulated, Fork Tongue

Multi-Finger Insulation Grip

300 Volts Max., 105° C Max.

INSULUG™ type YAE-N-F nylon insulated terminals are designed with a Multi-Finger Insulation grip, are rated 105° C and are supplied with a fork tongue for easy terminal insertion and removal.



### Features and Benefits

- Fork tongue.
  - ◇ Permits rapid easy installation of the terminal under the screw head without complete removal of the screw.



Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.					
<b>YAE22N65F BOX</b>	24 - 20 Max. Insul. Dia.: .098" Sleeve Color: Amber	1 - 2	.18	.73	.65	.24	<b>YAE22N65F</b>	Ratchet: M8ND N14HET25V1 Die	<b>YAE22N65FM</b>	TFM with DFM11D1 Die	5/32"
<b>YAE22N66F BOX</b>		4 - 6	.28	.80	.70	.28	<b>YAE22N66F</b>		<b>YAE22N66FM</b>		
<b>YAE18N60F BOX</b>	22 - 16 Max. Insul. Dia.: .125" Sleeve Color: Red	4	.21	.92	.73	.24	<b>YAE18N60F</b>	Non-Ratchet: Y10D or Y10-22 Ratchet: MR8-33T-1, M8ND With one of the following Dies: N14HET-25V1, N10ET-9, N14HET-15, N10ET-23	<b>YAE18G60FM</b>	TFM with DFM10D1 Die	3/16"
<b>YAE18G43F BOX</b>		4 - 6	.25	.78	.68	.19	<b>YAE18G43F</b>		<b>YAE18G43FM</b>		
—			.28	.83	.76	.23	<b>YAE18N56F</b>		<b>YAE18N56FM</b>		
<b>YAE18N57F BOX</b>		6 - 8	.31	.96	.78	.29	<b>YAE18N57F</b>		<b>YAE18N57FM</b>		
—	16 - 14 Max. Insul. Dia.: .156" Sleeve Color: Blue	4 - 6	.28	.87	.76	.26	<b>YAE14N76F</b>		<b>YAE14N76FM</b>	TFM with DFM9D1 Die	3/16"
<b>YAE14N77F BOX</b>		6 - 8	.31	.96	.78	.29	<b>YAE14N77F</b>		<b>YAE14N77FM</b>		
<b>YAE14N78F BOX</b>		8 - 10	.36	1.01	.83	.34	<b>YAE14N78F</b>		<b>YAE14N78FM</b>		

• Not UL recognized.

Blue highlighted items are industry standard and most frequently ordered.

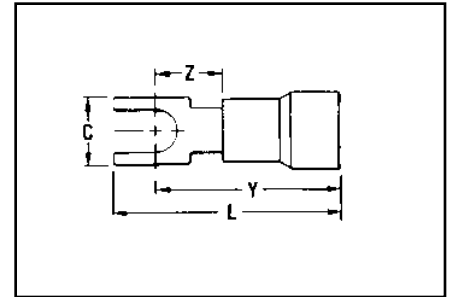
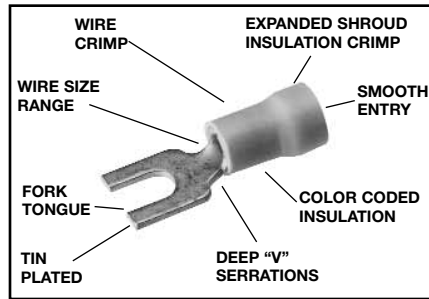
## TYPES TP-F AND BA-EF

### VINYLU<sup>TM</sup>

Terminal – Polyvinylchloride Insulated, Fork Tongue

600 Volts Max., 105° C Max.

The Type TP-F is a fork tongue variation of the TP design and makes installation easier.



### Features and Benefits

- Fork tongue design.
  - ◇ Faster installation-screw needs only to be loosened for termination.



Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number •	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.					
TP16-2F	22-16	1-2	.17	.75	.66	.23	BA16EF2	Plier Type: Y10-22	BA16EF2M	TFM with DFM3D-1 Die	13/64"
TP16-6F	Max. Insul.	4-6	.28	.80	.66	.23	BA16EF6		BA16EF6M		
TP16-8F	Dia. Accom.: .145	6-8	.31	.86	.69	.26	BA16EF8		BA16EF8M		
TP16-10F	Color Code: Red	8-10	.41	.95	.75	.31	BA16EF10		BA16EF10M		
TP14-2F	16-14	1-2	.17	.75	.66	.23	BA14EF2	Ratchet Tool: MR8-89-1	—	TFM with DFM2D-1 Die	13/64"
TP14-6F	Max. Insul.	4-6	.28	.80	.66	.23	BA14EF6		—		
TP14-8F	Dia. Accom.: .180	6-8	.31	.86	.69	.26	BA14EF8		BA14EF8M		
TP14-10F	Color Code: Blue	8-10	.41	.95	.75	.31	BA14EF10		BA14EF10M		
TP10-6F	12-10	4-6	.28	.95	.81	.26	BA10EF6	MR15, M8ND with N10ET-23	*BA10EF6M	TFM with DFM1D5 Die	19/64"
TP10-8F	Max. Insul.	6-8	.31	.98	.81	.26	BA10EF8		*BA10EF8M		
TP10-10F	Dia. Accom.: .260	8-10	.41	1.07	.87	.31	BA10EF10		*BA10EF10M		

• UL Listed and CSA Certified with MR8-89-1 and MR15.  
\* 1000/Reel.

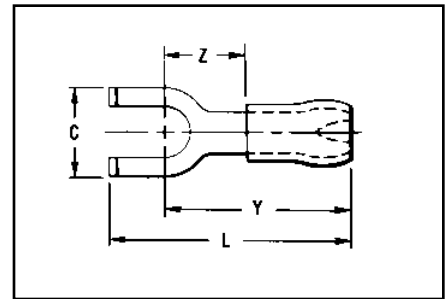
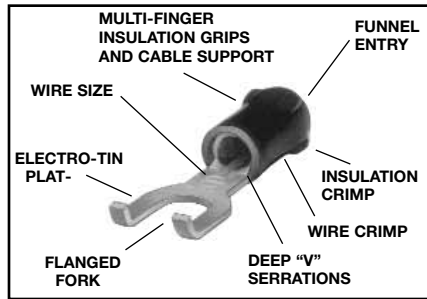
Blue highlighted items are industry standard and most frequently ordered.

## TYPES YAE-Z BOX AND YAE-Z

### INSULUG™

Terminal —  
Nylon Insulated, Flanged Fork  
Multi-Finger Insulation Grip  
300 Volts Max., 105° C Max.

INSULUG™ type YAE-Z is identical to type YAE-N and employs a flanged fork tongue for faster installation while maintaining security if supporting screw becomes loose.



### Features and Benefits

- Flanged fork.
  - ◇ Permits rapid, easy installation of the terminal under the screw head without complete removal of the screw. Additionally, it may not be removed with only a slight loosening of the screw.

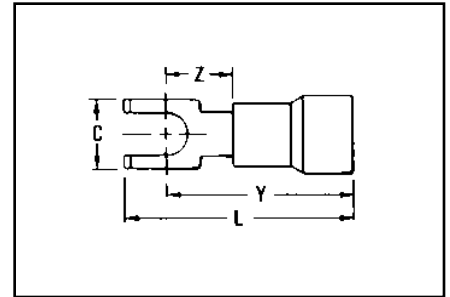
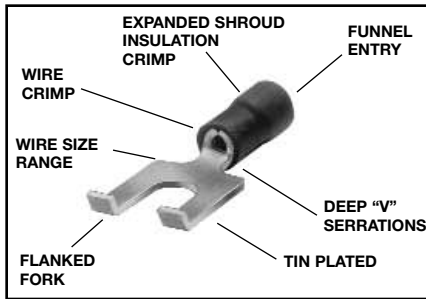
Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling
			C	Z Max.	Y Max.	L Max.		
YAE2221 BOX	26-20 Max. Insul.	1-2	.18	.24	.65	.75	—	MR8-33T-1, M8ND with one of the following Dies:
YAE2222 BOX	Dia.: .098"	4-6	.28	.28	.70	.83	YAE2222	
YAE2223 BOX	Sleeve Color: Amber	6-8	.31	.30	.72	.92	YAE2223	
YAE1821 BOX	22-16 Max. Insul.	1-2	.18	.22	.73	.83	YAE1821	N14HET-15, N10ET-9, N10ET-23, N14HET-25V1, Y10D, Y10-22
YAE1822 BOX	Dia. Accom.: (125)	4-6	.28	.26	.76	1.00	YAE1822	
YAE1823 BOX	Color Code: Red	6-8	.31	.29	.78	1.00	YAE1823	
YAE1824 BOX		8-10	.36	.34	.83	1.08	YAE1824	
YAE1422 BOX	16-14 Max. Insul.	4-6	.28	.26	.76	.90	YAE1422	MR833T-1, M8ND with N12HET-1, Y10D, Y10-22
YAE1423 BOX	Dia. Accom.: (156)	6-8	.31	.29	.78	1.00	YAE1423	
YAE1424 BOX	Color Code: Blue	8-10	.36	.34	.83	1.08	YAE1424	
YAE1222 BOX	14-12 Max. Insul.	4-6	.28	.27	.90	1.04	YAE1222	
YAE1223 BOX	Dia. Accom.: (180)	6-8	.31	.32	.96	1.16	YAE1223	
YAE1224 BOX	Color Code: Green	8-10	.36	.35	1.00	1.23	YAE1224	

Blue highlighted items are industry standard and most frequently ordered.

## TYPES TP-Z AND BA-EZ

### VINYLUG™

Terminal —  
Polyvinylchloride  
Insulated, Flanged Fork Tongue  
600 Volts Max., 105° C Max.



### Features and Benefits

- Flange fork tongue design.
  - ◊ Allows fast installation—screw only has to be loosened for termination.
- The flanges on the end of the fork terminal aid in preventing a slightly loose terminal from becoming fully disconnected from the screw.
  - ◊ Flanges make re-securing a loose terminal easier.



Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling
			C	L Max.	Y Max.	Z Min.		
TP16-2Z	22-16	1-2	.17	.78	.66	.23	BA16EZ2	Plier Type: Y10-22
TP16-6Z	Max. Insul.	4-6	.28	.83	.66	.23	BA16EZ6	
TP16-8Z	Dia. Accom.: .145	6-8	.31	.88	.69	.26	BA16EZ8	
TP16-10Z	Color Code: Red	8-10	.41	.96	.75	.31	BA16EZ10	
TP14-2Z	16-14	1-2	.17	.78	.66	.23	BA14EZ2	Ratchet Tool: MR8-89-1
TP14-6Z	Max. Insul.	4-6	.28	.83	.66	.23	BA14EZ6	
TP14-8Z	Dia. Accom.: .180	6-8	.31	.88	.69	.26	BA14EZ8	
TP14-10Z	Color Code: Blue	8-10	.41	.96	.75	.31	BA14EZ10	
TP10-6Z	12-10 Max. Insul.	4-6	.28	.99	.81	.26	BA10EZ6	MR15, M8ND with N10ET-23
TP10-8Z	Dia. Accom.: .260	6-8	.31	1.01	.81	.26	BA10EZ8	
TP10-10Z	Color Code: Yellow	8-10	.41	1.09	.81	.31	BA10EZ10	

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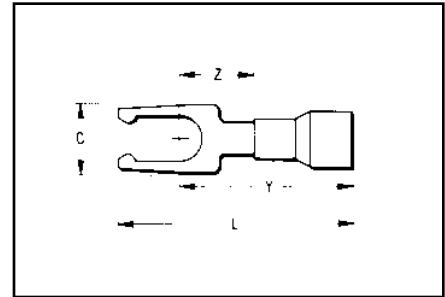
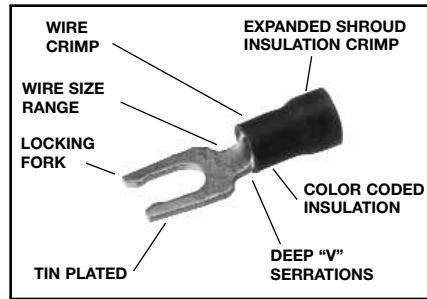
## TYPES TP-LF AND BA-EL

### VINYLU<sup>TM</sup>

Terminal —  
Polyvinylchloride Insulated,  
Locking Fork Tongue

600 Volts Max., 105° C Max.

Type TP-LF is a variation of the Type TP design and employs a locking fork tongue for fast installation and security.



### Features and Benefits

- Locking fork tongue design.
  - ◇ Allows fast installation—screw only has to be loosened for termination.
- Internal configuration of the fork.
  - ◇ Prevents the terminal from coming off the screw without applying a pulling force.
- Locking fork is made from a copper alloy.
  - ◇ Permits many installations while maintaining proper spring retention of forks.

Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number •	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.					
TP16-6LF	22-16 Max. Insul. Dia. Accom.: .145 Color Code: Red	4-6	.28	.80	.66	.23	BA16EL6	Plier Type: Y10-22	BA16EL6M	TFM with DFM3D-1 Die	13/64"
TP16-8LF		6-8	.31	.86	.69	.26	BA16EL8		BA16EL8M		
TP16-10LF		8-10	.41	.95	.75	.31	BA16EL10		BA16EL10M		
TP14-6LF	16-14 Max. Insul. Dia. Accom.: .180 Color Code: Blue	4-6	.28	.80	.66	.23	BA14EL6	Ratchet Tool: MR8-89-1, MR15	BA14EL6M	TFM with DFM2D-1 Die	13/64"
TP14-8LF		6-8	.31	.86	.69	.26	BA14EL8		BA14EL8M		
TP14-10LF		8-10	.41	.95	.75	.31	BA14EL10		BA14EL10M		
TP10-6LF	12-10 Max. Insul. Dia. Accom.: .260 Color Code: Yellow	4-6	.28	.95	.81	.26	BA10EL6	Ratchet Tool: MR8-89-1, M8ND with N10ET-23	* BA10EL6M	TFM with DFM1D5 Die	19/64"
TP10-8LF		6-8	.31	.98	.81	.26	BA10EL8		* BA10EL8M		
TP10-10LF		8-10	.41	1.07	.87	.31	BA10EL10		* BA10EL10M		

• UL Listed and CSA Certified with MR8-89-1 and MR15.  
\* 1000/Reel.

Blue highlighted items are industry standard and most frequently ordered.