

TYPES T AND YAD

HYLUG™

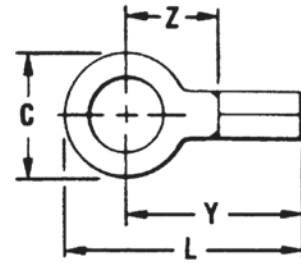
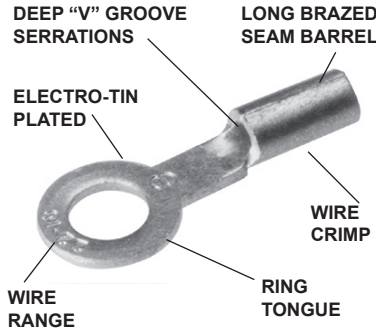
Uninsulated Compression Ring Tongue Terminal

The Type T uninsulated terminals are constructed of pure electrolytic copper. Designed with a long brazed seam barrel, standard neck, deep V groove inner serrations and electro-tin plated. The terminals are ideal for control wiring and other standard duty applications.

The ring tongue provides a secure termination under the screw head that cannot be removed without the complete removal of the screw. Two or more terminals can easily be stacked on a common stud.



**NOTE:** Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Features & Benefits

- Constructed of pure electrolytic copper
  - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Long brazed seam barrel and deep V groove inner serrations
  - ◇ Provides optimum conductivity reliability and holding power after crimping
- Electro-tin plated
  - ◇ Provides durable long-lasting corrosion resistance
- Wire range is clearly marked on terminal
  - ◇ Provides easy identification
- Inspection hole
  - ◇ Provides an easy visual check of wire insertion
- Long neck terminal
  - ◇ Permits easy bending and stacking of several terminals on a common stud

Catalog Number	Wire Range (AWG/kcmil)	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.					
T18-4	22 AWG-18 AWG	#3 - #4	0.25	0.65	0.53	0.24	YAD18-4	YAD18-4M	TFM with DFM6D1 Die	9/32"	
T18-6		#4 - #6	0.25	0.65	0.53	0.24	YAD18-6				
T18-8		#6 - #8	0.31	0.77	0.61	0.33	YAD18-8				
T18-10		#8 - #10	0.31	0.77	0.61	0.33	YAD18-10				
T18-14		1/4	0.45	0.96	0.73	0.44	YAD18-14				
T18-516		5/16	0.45	0.96	0.73	0.44	YAD18-516				
T18-38		3/8	0.53	1.05	0.78	0.49	YAD18-38				
T14-4	20 AWG-14 AWG	#3 - #4	0.25	0.67	0.55	0.26	YAD14-4	YAD14-6M	TFM with DFM5D1 Die	9/32"	
T14-6		#4 - #6	0.25	0.67	0.55	0.26	YAD14-6				
T14-8		#6 - #8	0.31	0.77	0.61	0.33	YAD14-8				
T14-10		#8 - #10	0.31	0.77	0.61	0.33	YAD14-10				
T14-14		1/4	0.45	0.96	0.73	0.44	YAD14-14				
T14-516		5/16	0.45	0.96	0.73	0.44	YAD14-516				
T14-38		3/8	0.53	1.05	0.78	0.49	YAD14-38				
T10-6	12 AWG-10 AWG	#4 - #6	0.37	0.83	0.64	0.29	YAD10-6	YAD10-8M	TFM with DFM4D1 Die	11/32"	
T10-8		#6 - #8	0.37	0.83	0.64	0.29	YAD10-8				
T10-10		#8 - #10	0.38	0.83	0.64	0.29	YAD10-10				
T10-14		1/4	0.46	0.97	0.74	0.39	YAD10-14				
T10-516		5/16	0.53	1.02	0.76	0.41	YAD10-516				
T10-38		3/8	0.58	1.08	0.79	0.44	YAD10-38				
T10-12*		1/2	0.69	1.21	0.86	0.61	—				

\* Not UL Listed or CSA Certified.



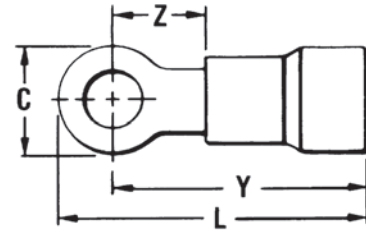
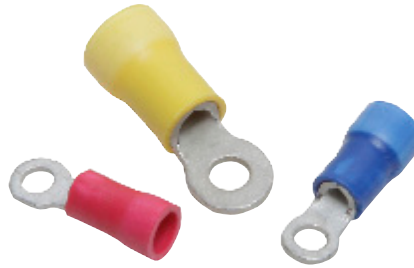
## TYPES TP AND BA

B-8

### VINYLUG™

Terminal — Polyvinylchloride Insulated, Ring Tongue

600 Volts Max., 105° C Max.



VINYLUG™ Type TP is designed for commercial and light duty industrial control and power circuit applications. Supplied with an expanded polyvinyl chloride (PVC) insulation shroud, many tongue variations and rated 600V makes TP terminals versatile and economical.



**NOTE:** Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

### Features & Benefits

- Expanded insulation support accepts standard and large wire diameters
  - ◇ Lowers inventory requirements, permits greater flexibility and provides insulation support
- Funnel entry
  - ◇ Easy wire insertion
- Manufactured of pure electrolytic copper
  - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Deep V groove serrations in the inner barrel
  - ◇ Provides added holding strength and better conductivity
- Electro-tin plated
  - ◇ Provides durable long-lasting corrosion resistance

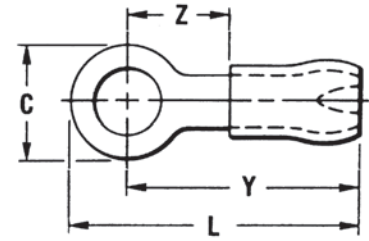
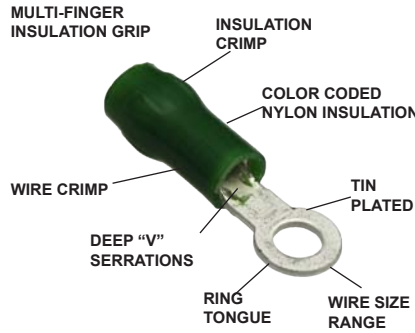
Catalog Number	Wire Range (AWG/kcmil)	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length		
			C	L	Y	Z							
TP16-4	22-16 Max. Insul. Dia. Accom.: 145 Color Code: Red	#3-#4	0.22	0.71	0.61	0.17	BA16E4	Plier Type: Y10-22, Y10D or Ratchet Tool: MR8-89-1, MR8-G96, MR15 MRE1022NV	BA16E4M	TFM with DFM3D-1 Die	13/64"		
TP16-6		#6	0.25	0.74	0.62	0.18	BA16E6		BA16E6M				
TP16-8		#6 - #8	0.31	0.85	0.70	0.26	BA16E8		BA16E8M				
TP16-10		#8 - #10	0.31	0.85	0.70	0.26	BA16E10		BA16E10M				
TP16-14		1/4	0.40	0.99	0.79	0.36	BA16E14		BA16E14M				
TP16-516*		5/16	0.47	1.11	0.88	0.41	—		—				
TP16-38		3/8	0.53	1.15	0.88	0.45	BA16E38		BA16E38M			TFM with DFM3D-1 Die	13/64"
TP14-4	16-14 Max. Insul. Dia. Accom.: 180 Color Code: Blue	#4	0.22	0.11	0.61	0.17	BA14E4	Plier Type: Y10-22, Y10D or Ratchet Tool: MR8-89-1, MR8-G96, MR15 MRE1022NV	BA14E4M	TFM with DFM2D-1 Die	13/64"		
TP14-6		#6	0.25	0.74	0.62	0.18	BA14E6		BA14E6M				
TP14-8		#6 - #8	0.31	0.85	0.70	0.26	BA14E8		BA14E8M				
TP14-10		#8 - #10	0.31	0.85	0.70	0.26	BA14E10		BA14E10M				
TP14-14		1/4	0.40	0.99	0.79	0.36	BA14E14		BA14E14M				
TP14-516		5/16	0.53	1.15	0.88	0.45	BA14E516		BA14E516M				
TP14-38		3/8	0.53	1.15	0.88	0.45	BA14E38		—				
TP10-6	12-10 Max. Insul. Dia. Accom.: 260 Color Code: Yellow	#6	0.31	0.68	0.75	0.20	BA10E6	Plier Type: Y10-22, Y10D or Ratchet: MR8-89-1, MR15, M8ND w/N10HET-23 MRE1022NV	BA10E6M	TFM with DFM1D5 Die	19/64"		
TP10-8		#6 - #8	0.36	1.00	0.81	0.26	BA10E8		BA10E8M				
TP10-10		#8 - #10	0.36	1.00	0.81	0.26	BA10E10		BA10E10M				
TP10-14		1/4	0.53	1.22	0.95	0.40	BA10E14		BA10E14M				
TP10-516		5/16	0.53	1.22	0.95	0.42	BA10E516		—				
TP10-38		3/8	0.53	1.27	1.00	0.45	BA10E38		BA10E38M			TFM with DFM1D5 Die	19/64"
TP10-12*		1/2	0.69	1.51	1.17	0.61	—		—			—	19/64"

\* Not UL Listed or CSA Certified.

TYPE YAE-N

INSULUG™

Terminal - Nylon Insulated,  
Ring Tongue Multi-Finger  
Insulation Grip  
600 Volts Max., 105° C Max.



B-11

INSULUG™ Type YAE-N nylon insulated terminals are designed with a multi-finger insulation grip for paper, EPR and other elastic or hard to grip insulations. The metal fingers firmly grip the insulation providing superior holding characteristics, cable support and strain relief. Type YAE-N terminals are rated 105° C and meet military standard AS25036 Class 2 and SAE-AS7928 requirements.



Features & Benefits

- Multi-finger insulation grip
- Provides superior insulation holding characteristics, especially on EPR and other elastic-type insulations
- Brazed seam
- Provides stronger more durable termination
- Manufactured of pure electrolytic copper
- Provides maximum conductivity, low

- resistance and ductility for excellent crimp forming properties
- Deep V groove, inner barrel serrations
- Provide optimum conductivity, reliability, and holding power
- Smooth funnel entry
- Easy wire insertion

**NOTE:** Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

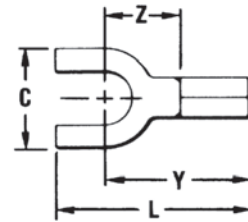
Catalog Number	Wire Range	Stud Size	***SAE-AS25036	Dimensions				Bulk Catalog Number	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Wire Strip Length		
				C	L Max.	Y Max.	Z Min.						
YAE18N26BOX	22 - 16	#4	—	0.22	0.78	0.70	0.19	YAE18N26	MR8-1A, MR8-33T-1 (no extra dies required) M8ND with one of the following dies: N14HET-25V1 N10ET-9 N14HET-15 N10ET-23 or Y10D Y10-22	YAE18N26M	3/16"		
YAE18N21BOX		#4-#6	102	0.25	0.89	0.77	0.28					YAE18N21	YAE18N21M
YAE18N24BOX		#6-#8	—	0.28	0.90	0.77	0.28					YAE18N24	YAE18N24M
YAE18NBOX		#8-#10	103	0.31	0.92	0.77	0.28					YAE18N	YAE18NM
YAE18N2BOX		1/4	150	0.45	1.10	0.88	0.40					YAE18N2	YAE18N2M
YAE18N3BOX		5/16	104	0.45	1.11	0.88	0.40					YAE18N3	YAE18N3M
YAE18N15BOX		3/8	105	0.53	1.19	0.93	0.43					YAE18N15	YAE18N15M
YAE14N43BOX	16 - 14	#4-#6	106 107	0.25	0.82	0.69	0.21	YAE14N43	MR8-1A, MR8-33T-1 (no extra dies required) M8ND with one of the following dies: N14HET-25V1 N10ET-9 N14HET-15 N10ET-23 or Y10D Y10-22	YAE14N43M	3/16"		
YAE14N1BOX		#6-#8	153	0.31	0.92	0.75	0.28					YAE14N1	YAE14N1M
YAE14NBOX		#8-#10	108	0.31	0.92	0.75	0.28					YAE14N	YAE14NM
YAE14N2BOX		1/4	154	0.45	1.11	0.88	0.40					YAE14N2	YAE14N2M
YAE14N3BOX		5/16	109	0.45	1.11	0.88	0.40					YAE14N3	YAE14N3M
YAE14N4BOX		3/8	110	0.53	1.19	0.93	0.45					YAE14N4	YAE14N4M
YAE12N9BOX	14 - 12	#6-#8	—	0.31	1.06	0.90	0.29	YAE12N9	MR8-1A, MR8-33T-1 (no extra dies required) Y10D M8ND with N12HET-1	YAE12N9M	21/64"		
YAE12N1BOX		#6-#8	—	0.31	1.06	0.90	0.29					YAE12N1	YAE12N1M
YAE12N2BOX		1/4	—	0.45	1.25	1.02	0.40					YAE12N2	YAE12N2M
YAE12N7BOX		#5	—	0.31	1.06	0.90	0.29					YAE12N7	YAE12N7M
YAE12NBOX		#8-#10	—	0.31	1.06	0.90	0.29					YAE12N	YAE12NM
YAE10N5BOX	12 - 10	#4-#6	111	0.38	1.15	0.96	0.28	YAE10N5	MR8-33T-1 (no extra dies required) M8ND with one of the following dies: N10HET-15, N10ET-9, N10ET-23 Y10D Y10-22	YAE10N5M	3/8"		
YAE10N11BOX		#6-#8	156	0.38	1.17	0.98	0.30					YAE10N11	YAE10N11M
YAE10NBOX		#8-#10	112	0.38	1.15	0.96	0.28					YAE10N	YAE10NM
YAE10N3BOX		1/4	157	0.54	1.39	1.12	0.44					YAE10N3	YAE10N3M
YAE10N2BOX		5/16	113	0.54	1.39	1.12	0.44					YAE10N2	YAE10N2M
YAE10N4BOX		3/8	114	0.54	1.39	1.12	0.44					YAE10N4	YAE10N4M
YAE10N79BOX		1/2	—	0.72	1.50	1.20	0.58					YAE10N79	—

\* Not UL Listed or CSA Certified.

TYPE T-F AND YAD-F

HYLUG™

Uninsulated Compression Terminal,  
Fork Tongue



B-27

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.

Features & Benefits

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



NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Catalog Number	Wire Range	Stud Size	C	L Max	Y Max	Z Min	Bulk Catalog Number	Installation Tooling	Wire Strip Length
T18-6F	22 AWG-18 AWG	#4 - #6	0.28	0.68	0.55	0.25	YAD186F	Non-Ratchet: Y10D, Y10-22 Ratchet: MRE1022B, MR8G98, Y8MRB-1, MR20	9/32
T18-8F		#6 - #8	0.31	0.74	0.57	0.27	YAD188F		
T18-10F		#8 - #10	0.37	0.74	0.58	0.29	YAD1810F		
T18-14F		1/4	0.47	0.92	0.69	0.39	YAD1814F		
T14-6F	20 AWG-14 AWG	#4 - #6	0.28	0.68	0.55	0.25	YAD146F	Non-Ratchet: Y10D, Y10-22 Ratchet: MRE1022B, MR8G98, Y8MRB-1, MR20	9/32
T14-8F		#6 - #8	0.31	0.74	0.57	0.27	YAD148F		
T14-10F		#8 - #10	0.37	0.74	0.58	0.29	YAD1410F		
T14-14F		1/4	0.47	0.92	0.69	0.39	YAD1414F		
T10-6F	14 AWG-10 AWG (Str.) 12 AWG-10 AWG (Sol.)	#4 - #6	0.28	0.74	0.61	0.25	YAD106F	Non-Ratchet: Y10D, Y10-22 Ratchet: MRE1022B, MR8G98, Y8MRB-1, MR20	11/32
T10-8F		#6 - #8	0.31	0.80	0.63	0.27	YAD108F		
T10-10F		#8 - #10	0.41	0.87	0.68	0.32	YAD1010F		
T10-14F		1/4	0.50	1.00	0.75	0.39	YAD1014F		

## TYPES TP-F AND BA-EF

B-28

### VINYLUG™

Terminal - Polyvinylchloride Insulated, Fork Tongue

600 Volts Max., 105° C Max.

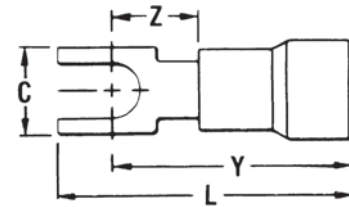
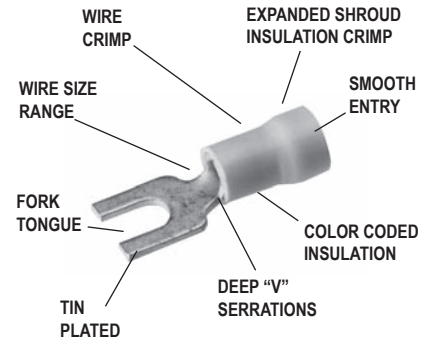
The Type TP-F is a fork tongue variation of the TP design and makes installation easier.



**NOTE:** Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

### Features & 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 Max. Insul. Dia. Accom.: 0.15 Color Code: Red	#1-#2	0.17	0.75	0.66	0.23	BA16EF2	Plier Type: Y10-22 Ratchet Tool: MRE1022NV MR8-89-1	BA16EF2M	TFM with DFM3D-1 Die	13/64"
TP16-6F		#4-#6	0.28	0.80	0.66	0.23			BA16EF6M		
TP16-8F		#6-#8	0.31	0.86	0.69	0.26			BA16EF8M		
TP16-10F		#8-#10	0.41	0.95	0.75	0.31			BA16EF10M		
TP14-2F	16 - 14 Max. Insul. Dia. Accom.: 0.18 Color Code: Blue	#1-#2	0.17	0.75	0.66	0.23	BA14EF2	Plier Type: Y10-22 Ratchet Tool: MRE1022NV MR8-89-1	—	TFM with DFM2D-1 Die	13/64"
TP14-6F		#3-#6	0.28	0.80	0.66	0.23			—		
TP14-8F		#6-#8	0.31	0.86	0.69	0.26			BA14EF8M		
TP14-10F		#8-#10	0.41	0.95	0.75	0.31			BA14EF10M		
TP10-6F	12 - 10 Max. Insul. Dia. Accom.: 0.26 Color Code: Yellow	#3-#6	0.28	0.95	0.81	0.26	BA10EF6	MRE1022NV, MR15, M8ND with N10ET-23	*BA10EF6M	TFM with DFM1D5 Die	19/64"
TP10-8F		#6-#8	0.31	0.98	0.81	0.26			*BA10EF8M		
TP10-10F		#8-#10	0.41	1.07	0.87	0.31			*BA10EF10M		

\* UL Listed and CSA Certified with MR8-89-1 and MR15 only  
\* 1000/Box



MRE1022NV Ergonomic Hand Tool perfect for use with the TP-F; suitable for most nylon and vinyl insulated small terminals. MRE1022B is designed for use with bare (uninsulated) terminals. Part of the BURNDY Engineered System of coordinating connectors, tools and dies for a quality, reliable, repeatable connection.

See the Tooling section for more information on this and other BURNDY Tools.