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## Performance

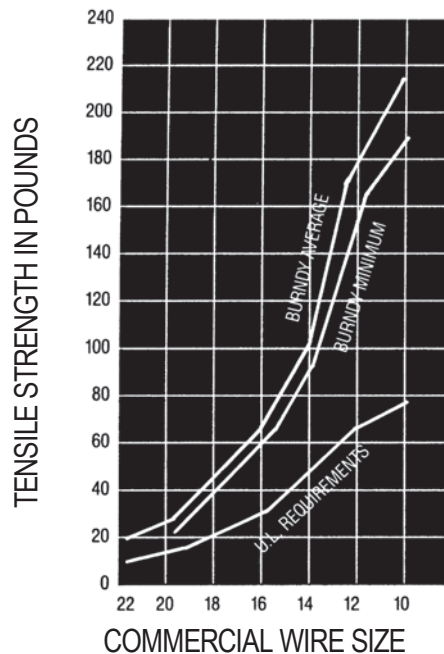
B-2

The terminals and splices in this catalog are approved, per SAE-AS7928 and/or UL486, where indicated. Table 1 shows the performance requirements for terminals used in military and commercial equipment. The voltage drops listed are maximum allowable values taken at currents well above rated current for the wires. Tensile values assure that the wires will not become separated from the terminals under reasonably expected stresses. UL tensile values are chosen to reflect the severest expected duty. MIL Specification tensile values apply only to crimp terminations and reflect minimum values that are obtained in good crimp joints. Actual performance of BURNDY terminals exceeds the requirements of Table 1. Typical values are shown in Figures 1-5. For High Temperature applications BURNDY® YAV series with nickel plating “-NK” suffix provide for continuous operation to 650° F and 750° F intermittent service.

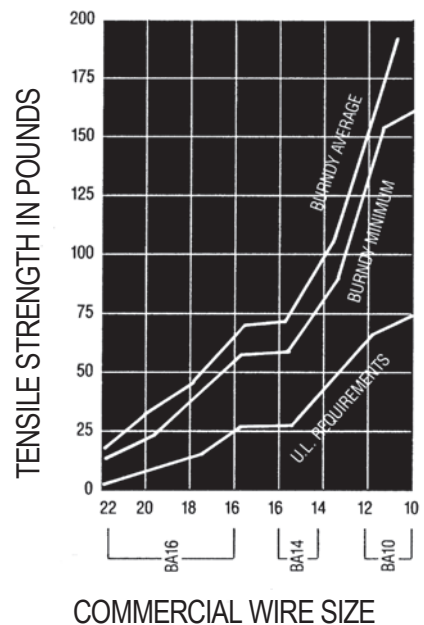
**Table 1**

Performance Requirements — Terminals for Copper Wire					
Wire Size	Per SAE-AS7928			Per UL486	
	Test Current (Amps)	Maximum Voltage Drop (Mv.)	Minimum Tensile Strength (Lbs.)	Minimum Tensile Strength (Lbs.)	Test Current For Max. 50°C Rise (Amps)
26	3	8	7	—	—
24	4.5	8	10	—	—
22	9	7	15	8	—
20	11	6	19	13	—
18	16	5	38	20	—
16	22	7	50	30	—
14	32	6	70	50	15
12	41	5	110	70	20
10	55	5	150	80	30
8	73	5	225	90	50
6	101	5	300	100	65
4	135	5	400	140	85
2	181	5	550	180	115
1	211	5	650	200	130
0	245	5	700	250	150
00	283	5	750	300	175
000	320	5	825	350	200
0000	380	5	875	450	230

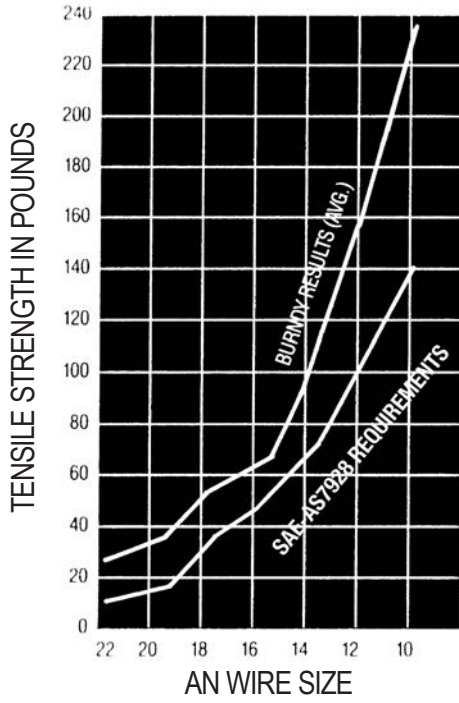
**Fig. 1.** Tensile strength of YAD HYLUG™ after axial rotation stresses.



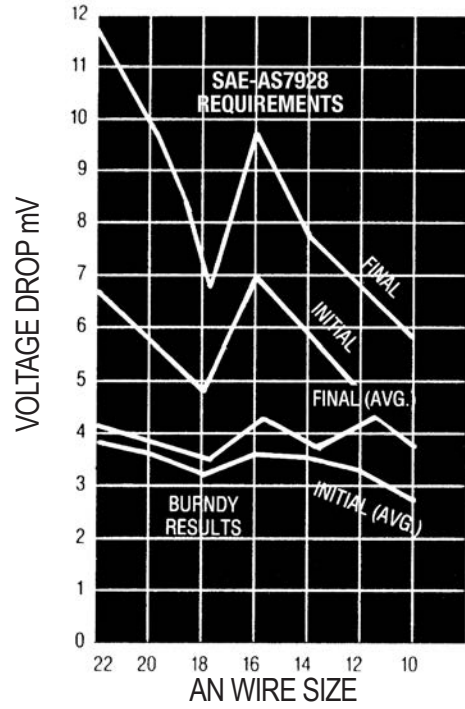
**Fig. 2.** Tensile strength of BA VINYLUG™ after axial rotation stresses.



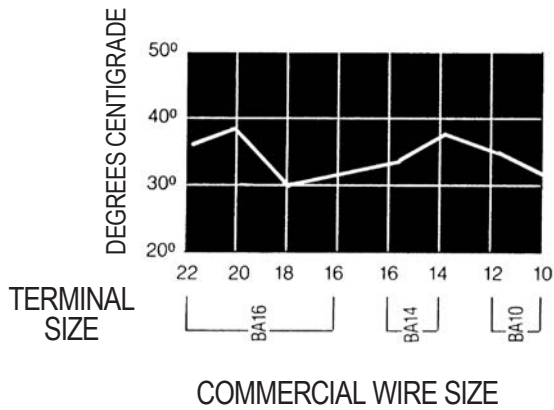
**Fig. 3.** Tensile strength of YAES INSULUG™ after vibration.



**Fig. 5.** Voltage drops of YAES at currents per Table 1 after vibration.



**Fig. 4.** Temperature rise of BA VINYLUG™ at currents per Table 1.



EQUIVALENT TABLES

B-4

MILITARY SPECIFICATIONS

Terminals

BURNDY® Equivalents to SAE-AS25036 in accordance with Specification SAE-AS7928.

Terminals

BURNDY® Equivalents to SAE-AS20659 in accordance with Specification SAE-AS7928.

AS25036 Dash No.	Catalog Number	Class 1	Class 2	AS25036 Dash No.	Catalog Number	Class 1	Class 2	AS20659 Dash No.	Catalog Number	Class 1	Class 2	AS20659 Dash No.	Catalog Number	Class 1	Class 2
101	YAES18-N1	X	X	124	YAEV4C-L4	X		105	YAV10	X	X	134	YAV1C-L3	X	
	YAE18-G43		X	125	YAEV4C-L2	X	X	106	YAV10-T2	X	X	135	YAV25-L3	X	
102	YAES18-N2	X	X	126	YAEV2C-L1	X	X	107	YAV8C-L	X		136	YAV26-L3	X	X
	YAE18-N21		X	127	YAEV2C-L	X		108	YAV8C-L2	X		137	YAV28-L54	X	
103	YAES18-N3	X	X	128	YAEV2C-L4	X	X	109	YAV6C-L	X	X	140	YAV8C-L14	X	
	YAE18N		X	129	YAEV1C-L1	X		110	YAV6C-L2	X		141	YAV8C-L1	X	X
104	YAES18-N4	X	X	130	YAEV1C-L	X	X	111	YAV4C-L	X	X	142	YAV8C-L4	X	
	YAE18-N3		X	131	YAEV1C-L3	X		112	YAV4C-L2	X		143	YAV6C-L10	X	
105	YAES18-N5	X	X	132	YAEV25-L1	X		113	YAV2C-L1	X		144	YAV4C-L3	X	
	YAE18-N15		X	133	YAEV25-L	X	X	114	YAV2C-L	X		145	YAV4C-L5	X	
106	YAES14-N6	X	X	134	YAEV25-L3	X		115	YAV1C-L1	X	X	146	YAV2C-L3	X	
	YAE14-N43		X	135	YAEV26-L2	X		116	YAV1C-L	X		147	YAV2C-L2	X	X
107	YAES14-N7	X	X	136	YAEV26-L	X		117	YAV25-L1	X		148	YAV2C-L11	X	
108	YAES14-N8	X	X	137	YAEV26-L3	X		118	YAV25-L	X	X	149	YAV1C-L2	X	
	YAES14N		X	143	YAE22-G18		X	119	YAV26-L2	X		150	YAV1C-L4	X	
109	YAES14-N9	X	X	144	YAE22-G16		X	120	YAV26-L	X		151	YAV25-L2	X	
	YAE14-N3		X	145	YAE22-G13		X	121	YAV27-L	X	X	152	YAV25-L16	X	
110	YAES14-N10	X		146	YAE22-G14		X	122	YAV27-L1	X		153	YAV26-L1	X	
	YAE14-N4		X	147	YAE22-G15		X	123	YAV28-L	X		154	YAV26-L16	X	
111	YAES10-N11	X	X	148	YAES18-N48	X	X	124	YAV28-L12	X	X	155	YAV27-L20	X	
	YAE10-N5		X		YAE18-N17		X	128	YAV10-T4	X	X	156	YAV27-L18	X	
112	YAES10-N12	X	X	149	YAES18-N49	X	X	129	YAV8C-L3	X		157	YAV28-L56	X	
	YAE10N		X		YAE18N1		X	130	YAV6C-L1	X		158	YAV28-L60	X	
113	YAES10-N13	X	X	150	YAES18-N50	X	X	131	YAV6C-L4	X		159	YAV28-L13	X	
	YAE10-N2		X		YAE18-N2		X	132	YAV4C-L4	X		160	YAV28-L14	X	
114	YAES10-N14	X		152	YAES14-N52	X	X	133	YAV2C-L4	X		165	YAV10-T7	X	X
	YAE10-N4		X		YAES14-N53	X	X								
115	YAEV8C-L	X	X	153	YAE14-N1		X	<p><b>Main Office Cage Code Number: 1NJK8</b></p> <p><b>Notes:</b>                      For factory cage code numbers, please contact your local BURNDY® sales representative or the Headquarters at the phone number shown below.                      SAE stands for the Society of Automotive Engineering, which has replaced the Military Specifications.</p>							
116	YAEV8C-L1	X			154	YAES14-N54	X								
117	YAEV8C-L2	X		155		YAE14-N2									
118	YAEV8C-L3	X			156	YAES14-N55	X								
119	YAEV6C-L1M	X	X	157		YAES10-N56	X								
120	YAEV6C-LM	X			158	YAE10-N11									
121	YAEV6C-L4M	X		159		YAES10-N57	X								
122	YAEV6C-L2M	X			160	YAE10-N3									
123	YAEV4C-L	X		161		YAES10-N58	X								

TYPES T AND YAD

HYLUG™

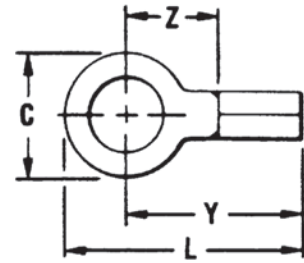
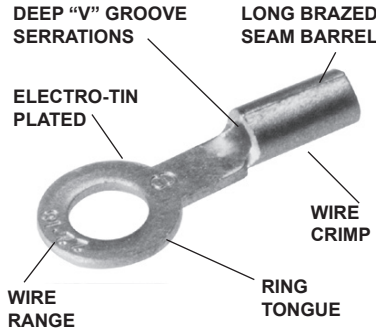
Uninsulated Compression Ring Tongue Terminal

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			11/32"	
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.

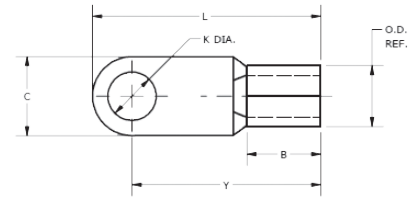
## TYPE YAD

B-6

### HYLUG™

#### Uninsulated Compression Terminal

The YAD uninsulated OEM lug terminal is constructed of electrolytic copper. Designed with a brazed seam barrel, standard neck, V-groove inner serrations and electro-tin plated. The round ring tongue provides for 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. These terminals are ideal for use with code or flex cable.



#### Features & Benefits

- Terminals utilize a brazed seam
- Provide excellent high conductivity connections
- Electro-tin plated for durable long lasting corrosion resistance

- Vibration resistance and tensile strength is well within the limits of commercial specifications

**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 Copper Code & Flex [mm]	Stud Size	B	C	K Dia.	L	OD	T	Y	Installation Tooling				Wire Strip Length
										Mechanical Tooling	Hydraulic Tooling (requires nest & indentor)		Dieless Tooling (no dies required)	
											Tool	Die Nest		
YAD8CM4E8	8 AWG [6-10]	#8	0.31	0.40	0.17	0.83	0.26	0.04	0.63	Y1MRTC Y8MRB-1 Red Groove	Y35, Y39, Y750, PAT750	UV8L	Y34PL	3/8"
YAD8CM5E10		#10	0.31	0.40	0.21	0.83	0.26	0.04	0.63					
YAD8CM6E14		1/4	0.31	0.43	0.26	0.89	0.26	0.04	0.67					
YAD8CM8E516		5/16	0.31	0.55	0.33	1.06	0.26	0.04	0.79					
YAD8CM10E38		3/8	0.31	0.71	0.41	1.18	0.26	0.04	0.83					
YAD8CM12E12		1/2	0.31	0.87	0.51	1.34	0.26	0.04	0.91					
YAD8CM16E58		5/8	0.31	1.10	0.67	1.93	0.26	0.04	1.38					
YAD6CM5E10	6 AWG [10-16]	#10	0.40	0.43	0.21	1.00	0.32	0.05	0.79	Y1MRTC Blue Groove	Y35, Y39, Y750, PAT750	UV6L	Y34PL	7/16"
YAD6CM6E14		1/4	0.40	0.43	0.26	1.00	0.32	0.05	0.79					
YAD6CM8E516		5/16	0.40	0.55	0.33	1.14	0.32	0.05	0.87					
YAD6CM10E38		3/8	0.40	0.71	0.41	1.30	0.32	0.05	0.95					
YAD6CM12E12		1/2	0.40	0.87	0.51	1.46	0.32	0.05	1.02					
YAD4CM5E10	4 AWG [16-25]	#10	0.43	0.47	0.21	1.22	0.41	0.06	0.98	—	Y35, Y39, Y750, PAT750	U2CD1	Y34PR	Y81KFT Series PAT81KFT Series Y4PC834 Series PAT4PC834 Series
YAD4CM6E14		1/4	0.43	0.47	0.26	1.22	0.41	0.06	0.98					
YAD4CM8E516		5/16	0.43	0.63	0.33	1.30	0.41	0.06	0.98					
YAD4CM10E38		3/8	0.43	0.71	0.41	1.38	0.41	0.06	1.02					
YAD4CM12E12		1/2	0.43	0.87	0.51	1.65	0.41	0.06	1.22					
YAD4CM16E58		5/8	0.43	1.10	0.67	1.93	0.41	0.06	1.38					
YAD4CM20E34		3/4	0.43	1.10	0.80	1.93	0.41	0.06	1.38					
YAD2CM6E14	2 AWG [25-35]	1/4	0.47	0.59	0.26	1.32	0.48	0.06	1.02	—	Y35, Y39, Y750, PAT750	U1CD1	Y34PR	17/32"
YAD2CM8E516		5/16	0.47	0.63	0.33	1.34	0.48	0.06	1.02					
YAD2CM10E38		3/8	0.47	0.71	0.41	1.42	0.48	0.06	1.06					
YAD2CM12E12		1/2	0.47	0.87	0.51	1.65	0.48	0.06	1.22					
YAD2CM16E58		5/8	0.47	1.10	0.67	1.97	0.48	0.06	1.42					
YAD2CM20E34		3/4	0.47	1.10	0.80	1.97	0.48	0.06	1.42					
YAD1CM6E14	1 AWG [35-50]	1/4	0.63	0.71	0.26	1.69	0.57	0.07	1.34	—	Y35, Y39, Y750, PAT750	UV26L	Y34PA	3/4"
YAD1CM8E516		5/16	0.63	0.71	0.33	1.69	0.57	0.07	1.34					
YAD1CM10E38		3/8	0.63	0.71	0.41	1.69	0.57	0.07	1.34					
YAD1CM12E12		1/2	0.63	0.87	0.51	1.85	0.57	0.07	1.42					
YAD1CM16E58		5/8	0.63	1.10	0.67	2.13	0.57	0.07	1.57					
YAD1CM20E34		3/4	0.63	1.10	0.80	2.13	0.57	0.07	1.57					
YAD25M6E14	1/0 AWG [35-50]	1/4	0.63	0.71	0.26	1.69	0.57	0.07	1.34	—	Y35, Y39, Y750, PAT750	UV26L	Y34PA	3/4"
YAD25M8E516		5/16	0.63	0.71	0.33	1.69	0.57	0.07	1.34					
YAD25M10E38		3/8	0.63	0.71	0.41	1.69	0.57	0.07	1.34					
YAD25M12E12		1/2	0.63	0.87	0.51	1.85	0.57	0.07	1.42					
YAD25M16E58		5/8	0.63	1.10	0.67	2.13	0.57	0.07	1.57					
YAD25M20E34		3/4	0.63	1.10	0.80	2.13	0.57	0.07	1.57					

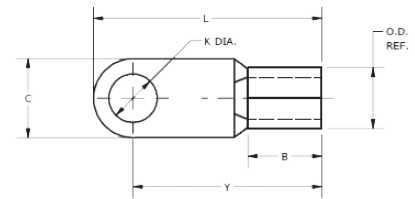


TYPE YAD

(Continued)

HYLUG™

Uninsulated Compression Terminal



B-7

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 Copper Code & Flex [mm]	Stud Size	B	C	K Dia.	L	OD	T	Y	Installation Tooling			Wire Strip Length	
										Hydraulic Tooling (requires nest & indenter)				Dieless Tooling (no dies required)
										Tool	Die Nest	Indenter		
YAD26M6E14	2/0 AWG [50-70]	1/4	0.71	0.87	0.26	1.93	0.67	0.08	1.50	Y35, Y39, Y750, PAT750	U28D1	Y34PR2	13/16"	
YAD26M8E516		5/16	0.71	0.87	0.33	1.93	0.67	0.08	1.50					
YAD26M10E38		3/8	0.71	0.87	0.41	1.93	0.67	0.08	1.50					
YAD26M12E12		1/2	0.71	0.87	0.51	1.93	0.67	0.08	1.50					
YAD26M16E58		5/8	0.71	1.10	0.67	2.20	0.67	0.08	1.65					
YAD26M20E34		3/4	0.71	1.10	0.80	2.20	0.67	0.08	1.65					
YAD27M8E516	3/0 AWG [70-95]	5/16	0.79	0.95	0.33	2.13	0.79	0.10	1.65	Y35, Y39, Y750, PAT750	U29D1	Y34PR2	7/8"	
YAD27M10E38		3/8	0.79	0.95	0.41	2.13	0.79	0.10	1.65					
YAD27M12E12		1/2	0.79	0.95	0.51	2.13	0.79	0.10	1.65					
YAD27M16E58		5/8	0.79	1.10	0.67	2.28	0.79	0.10	1.73					
YAD27M20E34		3/4	0.79	1.10	0.80	2.28	0.79	0.10	1.73					
YAD28M6E14	4/0 AWG [95-120]	1/4	0.87	0.95	0.26	2.20	0.89	0.12	1.73	Y35, Y39, Y750, PAT750	U32D1	Y34PR2	1"	
YAD28M8E516		5/16	0.87	0.95	0.33	2.20	0.89	0.12	1.73					
YAD28M10E38		3/8	0.87	0.95	0.41	2.20	0.89	0.12	1.73					
YAD28M12E12		1/2	0.87	0.95	0.51	2.20	0.89	0.12	1.73					
YAD28M16E58		5/8	0.87	1.10	0.67	2.44	0.89	0.12	1.89					
YAD28M20E34		3/4	0.87	1.10	0.80	2.44	0.89	0.12	1.89					
YAD30M10E38	250-300 kcmil [120-150]	3/8	0.95	1.18	0.41	2.56	1.00	0.13	1.97	Y46, PAT46	P34D	P48PR2	1-1/8"	
YAD30M12E12		1/2	0.95	1.18	0.51	2.56	1.00	0.13	1.97					
YAD30M16E58		5/8	0.95	1.18	0.67	2.56	1.00	0.13	1.97					
YAD30M20E34		3/4	0.95	1.18	0.80	2.56	1.00	0.13	1.97					
YAD31M10E38	300-350 kcmil [150-185]	3/8	1.10	1.42	0.41	2.68	1.12	0.14	1.97	Y46, PAT46	P34D	P48PR2	1-1/4"	
YAD31M12E12		1/2	1.10	1.42	0.51	2.68	1.12	0.14	1.97					
YAD31M16E58		5/8	1.10	1.42	0.67	2.68	1.12	0.14	1.97					
YAD31M20E34		3/4	1.10	1.42	0.80	2.68	1.12	0.14	1.97					
YAD33M10E38	400-450 kcmil [185-240]	3/8	1.26	1.50	0.41	2.95	1.24	0.16	2.20	Y46, PAT46	P36D	P48PR2	1-3/8"	
YAD33M12E12		1/2	1.26	1.50	0.51	2.95	1.24	0.16	2.20					
YAD33M16E58		5/8	1.26	1.50	0.67	2.95	1.24	0.16	2.20					
YAD33M20E34		3/4	1.26	1.50	0.80	2.95	1.24	0.16	2.20					
YAD36M10E38	500-600 kcmil [240-300]	3/8	1.38	1.97	0.41	3.70	1.44	0.18	2.72	Y46, PAT46	P44D	P48PR2	1-1/2"	
YAD36M12E12		1/2	1.38	1.97	0.51	3.70	1.44	0.18	2.72					
YAD36M16E58		5/8	1.38	1.97	0.67	3.70	1.44	0.18	2.72					
YAD36M20E34		3/4	1.38	1.97	0.80	3.70	1.44	0.18	2.72					

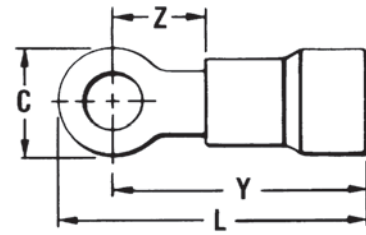
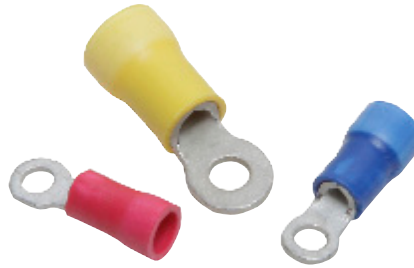
## TYPES TP AND BA

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"

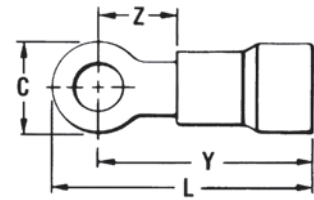
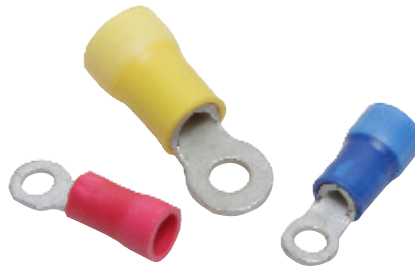
\* Not UL Listed or CSA Certified.



TYPES TN AND YAES

INSULUG™

Terminal - Nylon Insulated,  
Ring Tongue  
600 Volts Max., 105° C Max.



B-9

INSULUG™ type TN Nylon-insulated terminals are designed for heavy duty industrial, utility and military power and control-circuit applications for wire sizes 26 AWG through 10 AWG. They offer high dielectric strength and stability in oily conditions and meet military CLASS 1 and CLASS 2 requirements per SAE-AS25036 and the requirements of military specifications SAE-AS7928.



**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

- An integral one-piece copper barrel / insulation grip and wire strain relief design
  - ◊ Provides improved physical strength characteristics over a multi-piece design
- Manufactured of pure electrolytic copper
  - ◊ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Brazed seam
  - ◊ Provides a stronger barrel design to minimize any possible splitting and eliminates folding
- Deep inner barrel serrations
  - ◊ Provides excellent electrical conductivity and pullout strength values

- Smooth funnel entry
  - ◊ Easy wire insertion
- The insulation is locked in place
  - ◊ Will not twist off, thereby maintains proper dielectric values
- Electro-tin plated
  - ◊ Provides durable long-lasting resistance to corrosion
- Color-coded and clearly marked
  - ◊ Provides quick, easy wire size identification
- Ring Tongue
  - ◊ Provides a secure termination under the screw head that can not be removed without complete removal of the screw
- Two or more terminals may be stacked on a common stud easily
  - ◊ Provides flexibility and versatility

Catalog Number	Wire Range (AWG/kcmil)	Stud Size	SAE-25036	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
				C	L Max.	Y Max.	Z Max.			
TN18-4	22-18 Max. Insul. Dia. Accom.: .120 Color Code: Red	#3 - #4	-148	0.23	0.76	0.64	0.20	YAES18N48	Ratchet: MR8-83 MRE1022NV Non-Ratchet: Y10D, Y1022	7/32
TN18-6		#4 - #6	-101	0.25	0.76	0.64	0.20	YAES18N1		
TN18-6G1*		#4 - #6	-102	0.25	0.87	0.74	0.49	YAES18N2		
TN18-8		#6 - #8	-149	0.31	0.91	0.76	0.29	YAES18N49		
TN18-10		#8 - #10	-103	0.31	0.91	0.76	0.29	YAES18N3		
TN18-14		#12-1/4	-150	0.46	1.09	0.87	0.41	YAES18N50		
TN18-516		5/16	-104	0.46	1.09	0.87	0.41	YAES18N4		
TN18-38		3/8	-105	0.53	1.17	0.91	0.45	YAES18N5		
TN14-4	16-14 Max. Insul. Dia. Accom.: .153 Color Code: Blue	#3 - #4	-152	0.25	0.79	0.67	0.24	YAES14N52	Ratchet: MR8-83 MRE1022NV Non-Ratchet: Y10D, Y1022	7/32
TN14-6		#4 - #6	-106	0.25	0.79	0.67	0.24	YAES14N6		
TN14-6G1*		#4 - #6	-107	0.30	0.91	0.76	0.51	YAES14N7		
TN14-8		#6 - #8	-153	0.31	0.89	0.74	0.31	YAES14N53		
TN14-10		#8 - #10	-108	0.31	0.89	0.74	0.31	YAES14N8		
TN14-14		#12-1/4	-154	0.45	1.08	0.86	0.43	YAES14N54		
TN14-516		5/16	-109	0.45	1.08	0.86	0.43	YAES14N9		
TN14-38		3/8	-110	0.53	1.16	0.90	0.47	YAES14N10		
TN10-6	12-10 Max. Insul. Dia. Accom.: .210 Color Code: Yellow	#4 - #6	-111	0.37	1.12	0.94	0.26	YAES10N11	Ratchet: MR8-83 MRE1022NV Non-Ratchet: Y10D, Y1022	11/32
TN10-8		#6 - #8	-156	0.37	1.12	0.94	0.26	YAES10N56		
TN10-10		#8 - #10	-112	0.37	1.12	0.94	0.26	YAES10N12		
TN10-14		#12-1/4	-157	0.53	1.32	1.06	0.37	YAES10N57		
TN10-516		5/16	-113	0.53	1.32	1.06	0.37	YAES10N13		
TN10-38		3/8	-114	0.58	1.34	1.05	0.40	YAES10N14		
TN10-12*		1/2	—	0.69	1.51	1.18	0.61	YAES10N58		

\* Not UL Listed or CSA Certified.

TYPES YAE-G

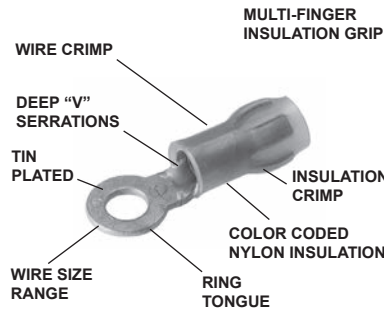
B-10

INSULUG™

Terminal — Nylon Insulated, Ring-Tongue Multi-Finger Insulation Grip

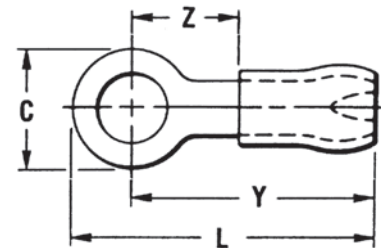
300 Volts Max., 105° C Max.

INSULUG™ Types YAE-G and 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. Types YAE-G and 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 (AWG/kcmil)	Stud Size	** SAE-AS25036-	Dimensions				Bulk Catalog Number	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length
				C	L Max.	Y Max.	Z Max.					
YAE22G18BOX	26-20 Max. Insul. Dia. Accom.: .098 Color Code: Amber	#2	148	0.15	0.69	0.62	0.22	YAE22G18	M8ND with N14HET-25V1 Die MR8-1A	YAE22G18M	TFM with DFM11D1 Die	5/32"
YAE22G12BOX		#1 - #2	—	0.25	0.74	0.62	0.22	YAE22G12		—		
YAE22G16BOX		#4	144	0.18	0.75	0.62	0.22	YAE22G16		YAE22G16M		
YAE22G13BOX		#4 - #6	145	0.25	0.74	0.62	0.22	YAE22G13		YAE22G13M		
YAE22G14BOX		#6 - #8	146	0.32	0.82	0.67	0.27	YAE22G14		—		
YAE22G15BOX		#8 - #10	147	0.32	0.83	0.67	0.27	YAE22G15		—		

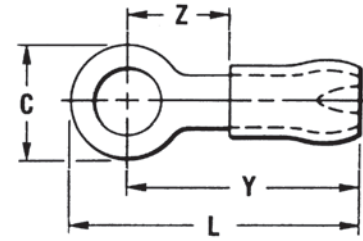
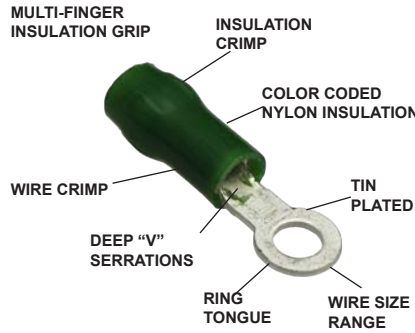
\* 1000/Box

\*\* Class 2

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	—

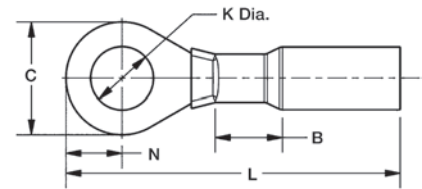
\* Not UL Listed or CSA Certified.

## TYPE YHSA

B-12

### HYDENT™ HEAT SHRINK RING TERMINALS

#### For Use on Copper Conductor



Standard crimp terminals leave the wire exposed allowing in moisture or other contaminants which can result in corrosion. Corrosion reduces the amount of current the wire can carry safely. The integrity of the electrical system can be compromised when unsealed electrical connections are utilized. Heat shrink terminals provide a durable seal blocking out contaminants ensuring a better connection.

#### Features & Benefits

- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance
- Wire Strip Length 5/16"

**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 No. (100/bag)	Catalog No. (20/bag)	Stud Size	Conductor Size	Dimensions						Installation Tooling	Wire Strip Length
				B	C	K	L	N	Tongue Thickness		
YHSA18K6	YHSA18K6RK	4-6	22-18 AWG	0.22	0.29	0.14	1.18	0.14	0.03	MR22	5/16
YHSA18K8	YHSA18K8RK	6-8	22-18 AWG	0.22	0.32	0.17	1.18	0.17	0.03	MR22	5/16
YHSA18K10	YHSA18K10RK	8-10	22-18 AWG	0.22	0.32	0.20	1.18	0.33	0.03	MR22	5/16
YHSA18K14	YHSA18K14RK	1/4	22-18 AWG	0.22	0.47	0.27	1.40	0.38	0.03	MR22	5/16
YHSA18K516	YHSA18K516RK	5/16	22-18 AWG	0.22	0.47	0.33	1.40	0.23	0.04	MR22	5/16
YHSA18K38	YHSA18K38RK	3/8	22-18 AWG	0.22	0.56	0.40	1.45	0.28	0.03	MR22	5/16
YHSA14K6	—	4-6	16-14 AWG	0.22	0.30	0.14	1.18	0.15	0.04	MR22	5/16
YHSA14K8	YHSA14K8RK	6-8	16-14 AWG	0.22	0.32	0.17	1.18	0.16	0.03	MR22	5/16
YHSA14K10	YHSA14K10RK	8-10	16-14 AWG	0.22	0.32	0.20	1.18	0.17	0.03	MR22	5/16
YHSA14K14	YHSA14K14RK	1/4	16-14 AWG	0.22	0.47	0.26	1.40	0.23	0.03	MR22	5/16
YHSA14K516	—	5/16	16-14 AWG	0.22	0.47	0.33	1.35	0.23	0.04	MR22	5/16
YHSA14K38	YHSA14K38RK	3/8	16-14 AWG	0.22	0.56	0.40	1.45	0.28	0.03	MR22	5/16
YHSA10K6	—	4-6	12-10 AWG	0.22	0.34	0.14	1.15	0.17	0.04	MR22	5/16
YHSA10K8	—	6-8	12-10 AWG	0.22	0.34	0.17	1.15	0.17	0.04	MR22	5/16
YHSA10K10	YHSA10K10RK	8-10	12-10 AWG	0.22	0.34	0.20	1.15	0.18	0.04	MR22	5/16
YHSA10K14	YHSA10K14RK	1/4	12-10 AWG	0.22	0.56	0.26	1.45	0.15	0.04	MR22	5/16
YHSA10K516	—	5/16	12-10 AWG	0.22	0.56	0.34	1.45	0.28	0.04	MR22	5/16
YHSA10K38	YHSA10K38RK	3/8	12-10 AWG	0.22	0.56	0.40	1.45	0.28	0.04	MR22	5/16
YHSA10K12	YHSA10K12RK	1/2	12-10 AWG	0.22	0.69	0.53	1.69	0.36	0.04	MR22	5/16

TYPE YAES-K

INSULUG™

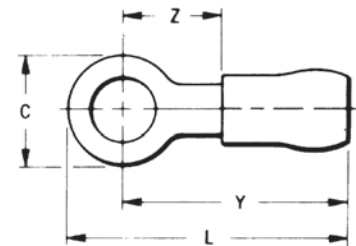
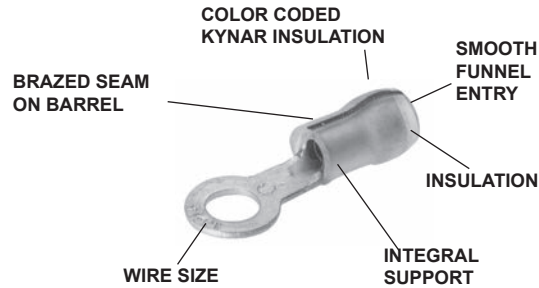
200 MEGARADS, -60° THROUGH 150° C, 600 VOLTS

The type YAES-K, radiation resistant insulated terminals are designed and have been tested to meet the requirements for class 1E critical circuits as set by the Nuclear Regulatory Commission (NRC). Additional testing for compatibility under loss of coolant accident (LOCA) conditions with cross-link polyethylene (XLP) and HYPALON® insulations was completed successfully. Compatibility with ethylene propylene rubber (EPR) insulation was determined by analysis. Each terminal is manufactured of pure electrolytic copper per QQ-C 576 and bright tin-plated per MIL-T-10727 and meets or exceeds MIL-T-7928 using stranded copper AWG wire. The KYNAR® insulation offers 200 megarad radiation resistance.

The Type YAES-K radiation resistant insulated terminals are suitable for class 1E critical circuits and non-critical nuclear associated applications.

**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.

KYNAR - is a registered trademark of the Penwalt Corp. for Polyvinylindene Floride (PVF<sub>2</sub>)  
 HYPALON - Is a registered trademark of the E.I. DuPont deNemours & Co., Inc.



Features & Benefits

- Insulation provides 200 megarad radiation resistance plus successfully tested for insulation compatibility
  - ◇ Provides improved physical strength characteristics over a multi-piece design.
- An integral one-piece copper barrel/insulation grip and wire strain relief design
  - ◇ Provides improved physical strength characteristics over a multi-piece design.
- The insulation is locked in place
  - ◇ The insulation will not move or twist off, thereby maintains proper dielectric values.
- Manufactured from pure electrolytic copper
  - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties.
- Bright tin-plated per MIL-T-10727
  - ◇ Provides durable long-lasting resistance to corrosion.
- Deep inner barrel serrations
  - ◇ Provides excellent electrical conductivity and tensile strength values.
- Brazed seam
  - ◇ Provides a stronger barrel design to minimize any possible splitting and eliminates folding.
- Smooth funnel entry
  - ◇ Easy wire insertion.
- Color coded terminals
  - ◇ Provides easy wire size identification and inspection.
- Coded raised dots in the die area of the connection after compression
  - ◇ Provides visual identification that the correct tool and die were used for proper installation.
- Inspection hole
  - ◇ Permits visual check for proper wire insertion.
- Ring tongue design
  - ◇ Provides a secure termination under screw head that cannot be removed without the complete removal of the screw.
- Multiple terminals may be stacked on a common stud easily
  - ◇ Provides flexibility and versatility.

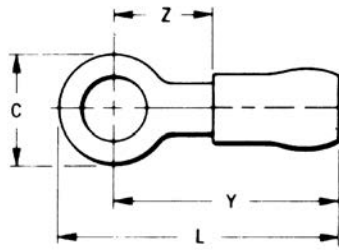
TYPE YAES-K

(Continued)

B-14

INSULUG™

200 MEGARADS, -60° THROUGH  
150° C, 600 VOLTS



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	Stud Size	Conductor Size	Dimensions				Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Max.		
YAES18K1	#6	22-18 AWG str. Max. Insul. Dia. Accom.: 0.12 Color Code: Red	0.23	0.76	0.64	0.20	Ratchet Tool: MR10G6 Crimp Mark: (1) Small Dot Red Groove Calibration Gauge: PG-373-1	7/32"
YAES18K2	#6		0.25	0.87	0.74	0.29		
YAES18K49	#8		0.32	0.91	0.76	0.29		
YAES18K3	#10		0.32	0.91	0.76	0.29		
YAES18K50	1/4		0.46	1.09	0.86	0.41		
YAES18K4	5/16		0.46	1.09	0.87	0.41		
YAES18K5	3/8		0.54	1.17	0.91	0.45		
YAES14K6	#6	16-14 AWG str. Max. Insul. Dia. Accom.: 0.15 Stock Thickness: 0.03 Color Code: Blue	0.26	0.77	0.65	0.22	Ratchet Tool: MR10G6 Crimp Mark: (2) Small Dots Blue Groove Calibration Gauge: PG-371-1	7/32"
YAES14K7	#6		0.32	0.91	0.76	0.29		
YAES14K53	#8		0.32	0.91	0.76	0.29		
YAES14K8	#10		0.32	0.91	0.76	0.29		
YAES14K54	1/4		0.46	1.09	0.86	0.41		
YAES14K9	5/16		0.46	1.09	0.86	0.41		
YAES14K10	3/8		0.53	1.18	0.91	0.45		
YAES10K11	#6	12-10 AWG str. Max. Insul. Dia. Accom.: 0.21 Stock Thickness: 0.04 Color Code: Yellow	0.38	1.12	0.94	0.26	Ratchet Tool: MR10G6 Crimp Mark: (1) Large Dot Calibration Gauge: PG-372-1	3/8"
YAES10K11T1	#6		0.31	1.09	0.94	0.26		
YAES10K56	#8		0.38	1.12	0.94	0.26		
YAES10K12	#10		0.38	1.12	0.94	0.26		
YAES10K57	1/4		0.54	1.32	1.06	0.37		
YAES10K13	5/16		0.54	1.32	1.06	0.37		
YAES10K14	3/8		0.58	1.34	1.05	0.40		
YAES10K58	1/2		0.72	1.41	1.06	0.45		



**TYPES YAV BOX AND YAV**

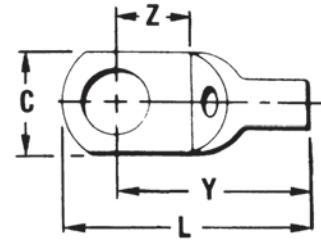
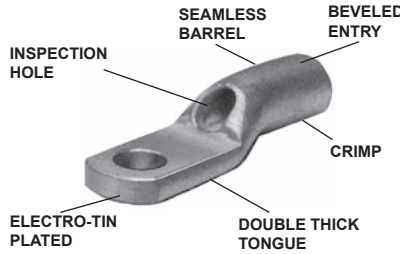
**HYLUG™**

**Seamless Uninsulated Compression Heavy Duty Ring Tongue Terminal**

HYLUG™ type YAV is a seamless, heavy duty uninsulated compression ring tongue terminal manufactured from pure electrolytic copper tubing and is for use on copper commercial (code) cable, type AN aircraft cable and extra flexible conductors. Because of its seamless design, the YAV HYLUG™ also accommodates solid conductors.

The seamless tubing produces a double thick tongue and a strong connector for demanding applications that require high reliability. Applications include industrials, hospitals, electric utilities, aircraft, shipboard and marine, computers, steel mills, mining equipment and other equipment that is subject to vibration or requiring dependable electrical performance.

The YAV HYLUG™ terminals meet the requirements of SAE-AS7928.



**Features & Benefits**

- Manufactured from seamless pure electrolytic copper tubing
- Provides maximum conductivity, low resistance and excellent ductility for crimping
- Seamless tubular crimp barrel design
- No seams to split resulting in a very high quality electrical connection, also can be used on solid conductor
- Double thick tongue
- Provides a very strong terminal tongue
- Produced from tubular copper
- Extra copper material assures the compression connector will operate cooler than the conductors it connects
- Internally bevelled barrel
- Provides easy cable entry, especially for flexible conductors

- Inspection hole
- Provides easy visual check for proper conductor insertion
- Electro-tin plated
- Provides long lasting durable corrosion resistance
- Nickel plating available, add "NK" suffix
- Nickel plated HYLUG™ provide high temperature applications up to 650° F continuous service and 750° F intermittent service



**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	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length				
			C	L Max.	Y Max.	Z Min.							
YAV18-T4BOX	22-18 Str. and Sol.	3,4	0.19	0.59	0.54	0.16	YAV18T4	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, MR8-9Q, Y8MRB-1, MR20, MRE1022B	9/32"				
YAV18-L33BOX		4-6	0.25	0.63	0.55	0.18	YAV18L33						
YAV18-T5BOX		6-8	0.31	0.76	0.61	0.24	YAV18T5						
YAV18-T1BOX							YAV18T1						
YAV18BOX		8-10	0.25	0.67	0.59	0.18	YAV18						
YAV14-L33BOX	20-14 Str.	4-6					0.31	0.79	0.64	0.24	YAV14L33	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, MR8-9Q, Y8MRB-1, MR20, MRE1022B	9/32"
YAV14-T5BOX		6-8	0.29	0.70	0.59	0.18	YAV14T5						
YAV14-T1BOX		20-12 Sol.					8-10	0.79	0.64	0.24	YAV14T1		
YAV14-L36BOX	1/4		0.40	0.99	0.75	0.32	YAV14L36	Y10D, Y8MRB-1, M8ND w/N14HT	9/32"				
YAV14BOX		5/16					0.44			0.75	0.32	YAV14	
YAV14-T2BOX		8-10					0.30			0.78	0.67	0.24	YAV14T2
YAV14-T3BOX													YAV14T3
YAV12-G2BOX ■	† 14-12 Str.	8-10	0.30	0.78	0.67	0.24	YAV12G2	9/32"					
YAV12-G3BOX ■		1/4	0.34	1.00	0.76	0.33	YAV12G3						
YAV10-T7BOX	14 Str. 12-10 Str. and Sol.	4-6	0.28	0.93	0.78	0.24	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8G98, MR8-9Q, Y8MRB-1, MR20, N10HT, N10HT-24, MRE1022B	7/16"					
YAV10-T11BOX		6-8							0.38	0.79	0.26	YAV10T7*	
YAV10-L36BOX		8-10	0.29	0.86	0.71	0.23			YAV10T11				
YAV10BOX									0.36	0.97	0.79	0.25	YAV10L36
YAV10-T3BOX		1/4	0.45	1.10	0.87	0.32			YAV10*				
YAV10-T2BOX		5/16	0.53	1.13					0.31	YAV10T3			
YAV10-T4BOX		3/8		1.20	0.88	0.36			YAV10T2*				
YAV9C-L36BOX		10-9 Str.	8-10	0.31	0.94	0.83			0.15	YAV9CL36	Ratchet: MR8-9Q, Y8MRB-1	7/16"	
YAV9C-T9BOX	1/4		0.44	1.15	0.95	0.31	YAV9CT9						
YAV9C-T4BOX	5/16		0.52	1.23	1.02	0.36	YAV9CT4						

■ Use #14 groove

† UL Listed for 14 Str. to #10 Sol. & Str. when installed with MR8G98 and Y8MRB-1 tools only.

\* Class 1 & 2 connectors

## TYPES YAV-L BOX AND YAV-L

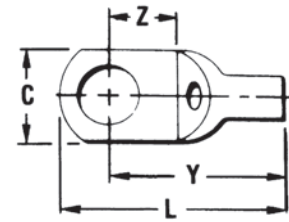
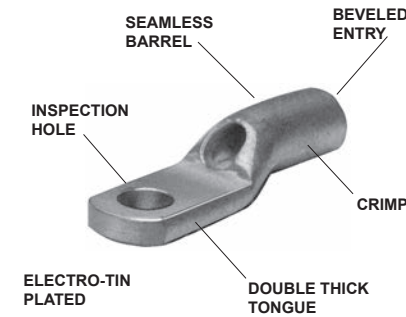
B-16

### HYLUG™

Large Size Uninsulated Compression Terminals Seamless Uninsulated Compression Ring Tongue Terminal

#8-4/0 Str. Copper

HYLUG™ Type YAV is a seamless, heavy duty uninsulated compression terminal manufactured from electrolytic copper and is for use on Type AN aircraft cable, extra flexible conductors and commercial (code) conductors. The seamless tubing produces a double thick tongue and seamless barrel design provides a strong connector for demanding applications requiring high reliability.



Applications include aircraft, industrials, hospitals, electric utilities, marine, computers, and other equipment subject to vibration or requiring dependable electrical performance. The YAV HYLUG™ terminals meet the requirements of SAE-AS7928 and are listed per AS20659 for use with copper aircraft cable per MIL-WV-5086

The benefits of YAV-L connectors are the same as YAV connectors for stranded conductors.



**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 (AWG/kcmil)	Stud Size	SAE - AS20659 Dash No. †	Dimensions (Inches)				Bulk Catalog Number	Installation Tooling				Wire Strip Length
				C	L Max.	Y Max.	Z Max.		HYTOOL™ ■	Die Index	HYPRESS™		
											Y29B, Y29NC	Y35, Y39, Y750 ▲	
YAV8C-LBOX	8 Aircraft AN 8 Flex	8-10	-107	0.41	1.15	0.94	0.28	YAV8C-L●	Non-Ratchet: MY29-11 Ratchet: MR4C, MR8-9Q, Y8MRB-1, M8ND w/ N8CT Die Set	38	DV8L-1 Nest Y29PL Indentor (1) Crimp	UV8L Nest Y34PL Indentor (1) Crimp	1/2"
YAV8C-L1BOX		1/4	-141	0.46	1.22	0.99	0.32	YAV8C-L1●					
YAV8C-L2BOX		5/16	-108	0.57	1.30	1.01	0.34	YAV8C-L2					
YAV8C-L3BOX		3/8	-129	0.57	1.30	1.01	0.34	YAV8C-L3●					
YAV8C-L4BOX		1/2	-142	0.73	1.52	1.14	0.48	YAV8C-L4●					
YAV6C-L1BOX	5 & 6 Aircraft AN 5 & 6 Flex	8-10	-130	0.46	1.31	1.06	0.29	YAV6C-L1●	Non-Ratchet: MY28, MY29-11 Ratchet: MR4C	39	DV6L Nest Y29PL Indentor (1) Crimp	UV6L Nest Y34PLA Indentor (1) Crimp	1/2"
YAV6C-LBOX		1/4	-109	0.50	1.28	1.06	0.29	YAV6C-L●					
YAV6C-L4BOX		5/16	-131	0.58	1.43	1.13	0.35	YAV6C-L4●					
YAV6C-L2BOX		3/8	-110	0.60	1.43	1.13	0.36	YAV6C-L2●					
YAV6C-L10BOX		1/2	-143	0.74	1.64	1.26	0.49	YAV6C-L10					
YAV4C-L3BOX	4 Aircraft AN 4 Flex	8-10	-144	0.55	1.37	1.11	0.28	YAV4C-L3●	Non-Ratchet: MY28, MY29-11 Ratchet: MR4C	40	DV4L Nest Y29PL Indentor (1) Crimp	UV4L Nest Y34PLA Indentor (1) Crimp	1/2"
YAV4C-LBOX		1/4	-111	0.55	1.37	1.11	0.28	YAV4C-L					
YAV4C-L4BOX		5/16	-132	0.63	1.48	1.17	0.33	YAV4C-L4●					
YAV4C-L2BOX		3/8	-112	0.63	1.48	1.17	0.33	YAV4C-L2●					
YAV4C-L5BOX		1/2	-145	0.73	1.68	1.30	0.47	YAV4C-L5					
YAV2C-L1BOX	2 Aircraft AN 2 Flex	1/4	-113	0.69	1.72	1.37	0.35	YAV2C-L1●	Non-Ratchet: MY28, MY29-11	41	DV2L Nest Y29PL Indentor (1) Crimp	UV2L Nest Y34PLA Indentor (1) Crimp	5/8"
YAV2C-L2BOX		5/16	-147	0.69	1.72	1.37	0.35	YAV2C-L2●					
YAV2C-LBOX		3/8	-114	0.69	1.72	1.37	0.35	YAV2C-L●					
YAV2C-L4BOX		1/2	-133	0.77	1.88	1.49	0.46	YAV2C-L4					

† Class 1.

● Available in (90°) right angle design. Suffix "RS" Replaces Suffix "L".

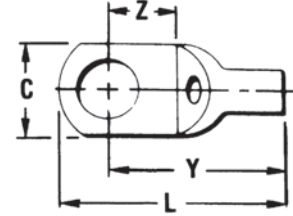
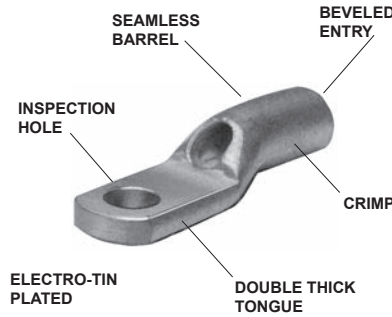
▲ Use Y35P3 Indentor Adapter with Y35 and Y39 Tool.

■ Bench Mount Adapter - Cat. BMY-BCH-MT is available for Type "MY" HYTOOLS™.

Add "NK" suffix for nickel plated HYLUGs™ for high temperature applications up to 650° F continuous service and 750° intermittent service.

TYPES YAV-L BOX AND YAV-L (Continued)

HYLUG™



B-17

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 (AWG/kcmil)	Stud Size	SAE-AS20659 Dash No. †	Dimensions (Inches)				Bulk Catalog Number	Installation Tooling				Wire Strip Length
				C	L Max.	Y Max.	Z Max.		HYTOOL™	Die Index	HYPRESS™		
											Y29B, Y29NC	Y35, Y39, Y750 ▲	
YAV1C-L1BOX	1 Aircraft AN 1 Flex	1/4	-115	0.76	1.84	1.45	0.38	Non-Ratchet: MY28, MY29-11	42	DV1L Nest Y29PL Indentor (1) Crimp	UV1L Nest Y34PLA Indentor (1) Crimp	5/8"	
YAV1C-L2BOX		5/16	-149	0.76	1.84	1.45	0.38						YAV1C-L2 ●
YAV1C-LBOX		3/8	-116	0.76	1.84	1.45	0.38						YAV1C-L
YAV1C-L3BOX		1/2	-134	0.86	1.97	1.54	0.46						YAV1C-L3
YAV25-L1BOX	1/0 Aircraft AN 1/0 Flex	1/4	-117	0.83	2.01	1.61	0.43	Non-Ratchet: MY28, MY29-11	43	DV25L Nest Y29PR Indentor (1) Crimp	UV25L Nest Y34PA Indentor (1) Crimp	11/16"	
YAV25-L2BOX		5/16	-151	0.83	2.03	1.61	0.43						YAV25-L2 ●
YAV25-LBOX		3/8	-118	0.83	2.03	1.61	0.43						YAV25-L ●
YAV25-L3BOX		1/2	-135	0.88	2.09	1.64	0.46						YAV25-L3 ●
YAV25-L4BOX		5/8	—	0.88	2.31	1.80	0.62	YAV25-L4					
YAV26-L1BOX	2/0 Aircraft AN 2/0 Flex	1/4	-153	0.93	2.32	1.85	0.48	Non-Ratchet: MY28, MY29-11	44	DV26L Nest Y29PR Indentor (1) Crimp	UV26L Nest Y34PA Indentor (1) Crimp	13/16"	
YAV26-L2BOX		5/16	-119	0.93	2.32	1.85	0.48						YAV26-L2
YAV26-LBOX		3/8	-120	0.93	2.32	1.85	0.48						YAV26-L ●
YAV26-L3BOX		1/2	-136	0.93	2.32	1.85	0.48						YAV26-L3 ●
YAV26-L12BOX		5/8	—	0.93	2.52	1.99	0.62	YAV26-L12					
YAV27-LBOX	3/0 Aircraft AN 3/0 Flex	3/8	-121	1.03	2.45	1.93	0.52	Non-Ratchet: MY28, MY29-11	45	—	UV27L Nest Y34PA Indentor (1) Crimp	13/16"	
YAV27-L1BOX		1/2	-122	1.03	2.45	1.93	0.52						YAV27-L1
YAV27-L15BOX		5/8	—	1.03	2.60	2.03	0.62						YAV27-L15
YAV28-L53BOX	4/0 Aircraft AN 4/0 Flex	1/4	—	1.12	2.28	1.83	0.28	Non-Ratchet: MY28, MY29-11	46	—	UV28L Nest Y34PA Indentor (1) Crimp	7/8"	
YAV28-LBOX		3/8	-123	1.12	2.72	2.16	0.60						YAV28-L
YAV28-L12BOX		1/2	-124	1.12	2.72	2.16	0.60						YAV28-L12
YAV28-L13BOX		5/8	-159	1.12	2.72	2.16	0.60						YAV28-L13
YAV28-L14BOX		3/4	-160	1.23	2.95	2.33	0.78						YAV28-L14

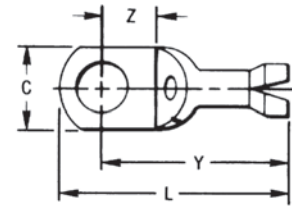
- † Class 1.
- Available in (90°) right angle design. Suffix "RS" Replaces Suffix "L".
- ▲ Use Y35P3 Indentor Adapter with Y35 and Y39 Tool.

■ Bench Mount Adapter - Cat. BMY-BCH-MT is available for Type "MY" HYTOOLS™. Add "NK" suffix for nickel plated HYLUGs™ for high temperature applications up to 650° F continuous service and 750° intermittent service.

## TYPES YAV-H BOX AND YAV-H

B-18

### HYLUG™



### Seamless Uninsulated Compression Ring Tongue Terminal With Shroud

The type YAV-H HYLUG™ is a seamless heavy duty uninsulated compression ring tongue terminal with a shroud for an insulation grip and cable support. They are manufactured from pure electrolytic copper tubing 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. Meets the requirements of SAE-AS7928. The benefits of the Type YAV apply to the YAV-H HYLUG™.

### Features & Benefits

- Shroud/insulation grip cable support and strain relief
  - ◇ Protects the wire against breaking under vibration or flexing conditions
- Electro-tin plated
  - ◇ Provides long-lasting corrosion resistance



**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 (AWG/kcmil)	Stud Size	Max. Insul. Dia. Accom.	Dimensions				Bulk Catalog Number	Installation Tooling	Dies	Wire Strip Length
				C	L Max.	Y Max.	Z Min.				
YAV18-HBOX	22-18	8 - 10	0.120"	0.31	0.88	0.76	0.24	YAV18H	Plier: Y10D, Y10-22*	M8ND, with N14HT, N14HT-5 Die	9/32"
YAV14-H1BOX	16-14	6 - 8	0.150"	0.31	0.92	0.80	0.24	YAV14H1			9/32"
YAV14-HBOX	20-14	8 - 10	0.150"	0.31	0.95	0.80	0.24	YAV14H	Ratchet: MR8-G98, MR8-9Q, Y8MRB-1*, MR20, M8ND, MRE1022B	M8ND, N10HT-24	7/16"
YAV14-H2BOX		1/4		0.42	1.14	0.90	0.32	YAV14H2			
YAV10-H25BOX	12-10	6 - 8	0.192"	0.31	1.00	0.90	0.24	YAV10H25			
YAV10-HBOX		8 - 10		0.38	1.05	0.91	0.24	YAV10H			
YAV10-H3BOX		1/4		0.47	1.22	0.99	0.32	YAV10H3			

\* For conductor crimp only.

**TYPES YAEV AND YAEV-L**

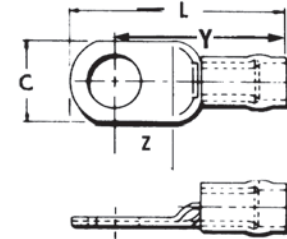
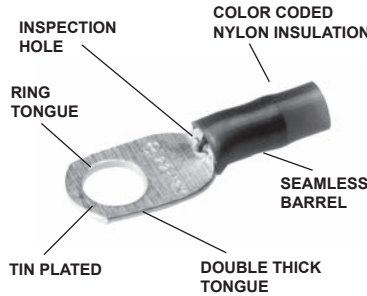
**INSULUG™**

Terminal — Nylon Insulated — Ring-Tongue

600 Volts Max., 105° C Max.

The INSULUG™ type YAEV is designed for very demanding high vibration applications encountered in aircraft and aboard ships as well as motor lead applications in hospitals, industrials and generating plants. The nylon insulated seamless, electrolytic copper barrel with double thick tongue provides an extra strong insulated connection. The terminal is rated 105°C and meets MIL-T-7928 requirements.

**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**

- Double thick tongue.
  - ◇ Provides maximum reliability and electrical capacity plus an extra strong terminal tongue.
- Manufactured from one-piece pure electrolytic copper.
  - ◇ Provides high conductivity, low resistance with no seams to split plus ductility for excellent crimp forming properties.
- Electro-tin plated.
  - ◇ Provides long-lasting corrosion resistance.
- Nylon insulation is locked in place.
  - ◇ Insulation will not move or twist off
- 300 volt nylon insulation.
  - ◇ High dielectric strength and stability in demanding oily environmental conditions.
- Color Coded.
  - ◇ Provides quick, easy wire size connector selection.

Catalog Number	Wire Range AWG, AN Aircraft	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
			C	Z Min.	Y Max.	L Max.			
YAEV18BOX	22-18 Max. Insul. Dia. Accom.: .125 Color Code: Red	8-10	0.31	0.24	0.77	0.91	YAEV18	Ratchet: MR8D94, MRE1022NV	1/4"
YAEV14BOX	18-14 Max. Insul. Dia. Accom.: .154 Color Code: Blue	8-10	0.31	0.24	0.81	0.94	YAEV14	Ratchet: MR8D94, MRE1022NV	1/4"
YAEV10-T7BOX	12-10 Max. Insul. Dia. Accom.: .209 Color Code: Yellow	4-6	0.30	0.24	0.95	1.12	YAEV10-T7	Ratchet: MR8D94 MR8-33-T1 M8ND with N10ET-9 Die MR4 10M MRE1022NV	5/16"
YAEV10-T11BOX		6-8	0.37	0.26	0.97	1.16	YAEV10-T11		
YAEV10BOX		8-10	0.37	0.26	0.97	1.16	YAEV10		
YAEV10-L36BOX		8-10	0.30	0.18	0.89	1.04	YAEV10-L36		
YAEV10-T3BOX		1/4	0.47	0.38	1.12	1.30	YAEV10-T3		
YAEV10-T2BOX		5/16	0.53	0.31	1.12	1.36	YAEV10-T2		
YAEV10-T4BOX		3/8	0.56	0.35	1.12	1.38	YAEV10-T4		

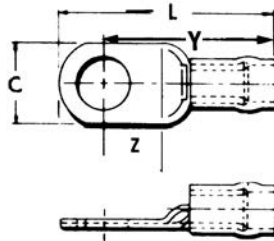


TYPES YAEV AND YAEV-L

(Continued)

B-20

INSULUG™



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 AWG, AN Aircraft	Stud Size	AS25036- No.	Dimensions				Bulk Catalog Number	Installation Tooling	HYPRESS™ Y29NC		Wire Strip Length
				C	Z Min.	Y Max.	L Max.			Nest	Indentor	
YAEV8C-L14BOX	8 Str. Max. Insul. Dia. Accom.: .258 Color Code: Red	8	—	0.41	0.28	1.18	1.40	YAEV8C-L14	Ratchet: M8ND with N8CET-2 Die Non-Ratchet: MY28-6* Hydraulic: Y35, Y39 with U8CET Die Set	DEV8L	Y29PLE-1	7/16"
YAEV8C-L1BOX		1/4	-116	0.46	0.32	1.23	1.47	YAEV8C-L1				
YAEV8C-L2BOX		5/16	-117	0.57	0.34	1.25	1.54	YAEV8C-L2				
YAEV8C-L3BOX		3/8	-118	0.57	0.34	1.25	1.54	YAEV8C-L3				
YAEV8C-L4BOX		1/2	—	0.73	0.48	1.39	1.77	YAEV8C-L4				
YAEV8C-LBOX		10	—	0.41	0.28	1.18	1.40	YAEV8C-L				
—	6 Str. Max. Insul. Dia. Accom.: .313 Color Code: Blue	8-10	-119**	0.48	0.29	1.33	1.56	YAEV6C-L1**	Non-Ratchet: MY28-6* Hydraulic: Y35, Y39 with U6CET Die Set	DEV6L	Y29PLE-1	1/2"
—		1/4	-120**	0.48	0.29	1.33	1.56	YAEV6C-L**				
—		5/16	-121**	0.60	0.36	1.39	1.68	YAEV6C-L4**				
—		3/8	-122**	0.60	0.36	1.39	1.68	YAEV6C-L2**				
—		1/2	—	0.73	0.47	1.53	1.91	YAEV6C-L10				
—	4 Str. Max. Insul. Dia. Accom.: .374 Color Code: Yellow	8-10	—	0.55	0.28	1.40	1.62	YAEV4C-L3	Non-Ratchet: MY28-6* Hydraulic: Y35, Y39 with U4CET Die Set	DEV4L	Y29PLE-1	1/2"
—		1/4	-123	0.55	0.28	1.37	1.62	YAEV4C-L				
—		5/16	-124	0.63	0.34	1.43	1.74	YAEV4C-L4				
—		3/8	-125	0.63	0.34	1.43	1.74	YAEV4C-L2				
—		1/2	—	0.73	0.47	1.56	1.92	YAEV4C-L5				
—	2 Str. Max. Insul. Dia. Accom.: .459 Color Code: Red	10	—	0.69	0.35	1.72	2.03	YAEV2C-L3	Non-Ratchet: MY28-6* Hydraulic: Y35, Y39 with U2CET Die Set	DEV2L	Y29PLE	5/8"
—		1/4	-126	0.69	0.35	1.61	2.03	YAEV2C-L1				
—		5/16	—	0.69	0.35	1.68	2.03	YAEV2C-L2				
—		3/8	-127	0.69	0.35	1.69	2.03	YAEV2C-L				
—		1/2	-128	0.77	0.47	1.80	2.16	YAEV2C-L4				
—	1 Str. Max. Insul. Dia. Accom.: .516 Color Code: White	1/4	-129	0.76	0.38	1.63	2.14	YAEV1C-L1	Non-Ratchet: MY28-6* Hydraulic: Y35, Y39 with U1CET Die Set	DV26L	Y29PLE	5/8"
—		5/16	—	0.76	0.38	1.71	2.14	YAEV1C-L2				
—		3/8	-130	0.76	0.38	1.72	2.14	YAEV1C-L				
—		1/2	-131	0.86	0.47	1.86	2.27	YAEV1C-L3				
—	1/0 Str. Max. Insul. Dia. Accom.: .564 Color Code: Blue	1/4	-132	0.83	0.43	1.97	2.40	YAEV25-L1	Non-Ratchet: MY28-6* Hydraulic: Y35, Y39 with U25ET Die Set	DEV25L	Y29PLE	11/16"
—		5/16	—	0.83	0.43	1.97	2.40	YAEV25-L2				
—		3/8	-133	0.83	0.43	1.97	2.40	YAEV25-L				
—		1/2	-134	0.88	0.47	2.02	2.46	YAEV25-L3				
—		5/8	—	0.88	0.63	2.17	2.67	YAEV25-L4				
—	2/0 Str. Max. Insul. Dia. Accom.: .628 Color Code: Yellow	1/4	—	0.93	0.49	2.19	2.72	YAEV26-L1	Non-Ratchet: MY28-6* Hydraulic: Y35, Y39, Y750 with U26ET Die Set	DEV26L	Y29PLE	13/16"
—		5/16	-135	0.93	0.49	2.19	2.72	YAEV26-L2				
—		3/8	-136	0.93	0.49	2.19	2.72	YAEV26-L				
—		1/2	-137	0.93	0.49	2.27	2.72	YAEV26-L3				

† Additional terminal stud sizes available.

\* BMY, BNCH-MT bench mount adapter available.

\*\* NOTE: Add suffix "M" to cat. number to conform to AS25036 - standard for these items only (example: YAEV6C-L1M). See above. Contact BURNDY® for UL Listed products.

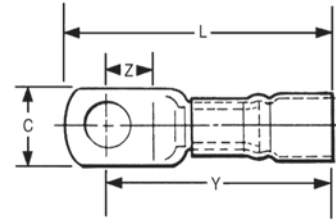


TYPE YAEV-H

INSULUG™

Ring-Tongue Terminals

Nylon-Insulated  
For Expanded Insulation



B-21

Designed to accommodate larger conductor insulation diameters. Made of one piece tin plated pure electrolytic seamless copper tubing for maximum conductivity and ductility. Color-coded insulating sleeves are locked into position. Inspection hole permits visual check of wire insertion. Meets requirements of SAE-AS7928.

**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.

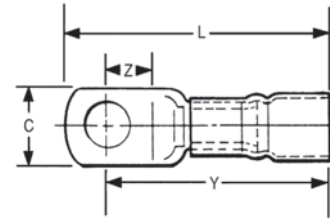
Bulk Catalog Number	Wire Range	Stud Size	Dimensions in Inches				Installation Tooling			Wire Strip Length
			C	Z Min.	Y Max.	L Max.	HYTOOL™ HYPRESS™	Y29NC, Y29BH		
								Nest	Indentor	
YAEV8C-H14	8 Max. Insul. Dia.: .30" Sleeve Color: Red	8	0.41	0.25	1.32	1.53	M8ND with N8CET-2 Die My28-6* Y35, Y29 with U8CET Die	DEV8L	Y29PLE-1	7/16"
YAEV8C-H		10	0.41	0.25	1.34	1.53				
YAEV8C-H1		1/4	0.46	0.28	1.37	1.60				
YAEV8C-H2		5/16	0.57	0.33	1.39	1.68				
YAEV8C-H3		3/8	0.57	0.33	1.39	1.68				
YAEV8C-H4		1/2	0.73	0.47	1.52	1.90				
YAEV6C-H1	6 Max. Insul. Dia.: .38" Sleeve Color: Blue	10	0.48	0.28	1.48	1.72	My28-6* Y35, Y39 with U6CET Die Set	DEV6L	Y29PLE-1	1/2"
YAEV6C-H		1/4	0.48	0.28	1.48	1.72				
YAEV6C-H4		5/16	0.60	0.33	1.54	1.85				
YAEV6C-H2		3/8	0.60	0.34	1.54	1.85				
YAEV6C-H10		1/2	0.73	0.47	1.68	2.06				
YAEV4C-H3	4 Max. Insul. Dia.: .44" Sleeve Color: Yellow	10	0.55	0.28	1.60	1.86	MY28-6* Y35, Y39 with U4CET Die Set	DEV4L	Y29PLE-1	1/2"
YAEV4C-H		1/4	0.55	0.28	1.60	1.86				
YAEV4C-H4		5/16	0.63	0.34	1.66	1.98				
YAEV4C-H2		3/8	0.63	0.34	1.66	1.98				
YAEV4C-H5		1/2	0.73	0.47	1.79	2.17				
YAEV2C-H3	2 Max. Insul. Dia.: .52" Sleeve Color: Red	10	0.69	0.35	1.98	2.33	MY28-6* Y35, Y39 with U2CET Die	DEV2L	Y29PLE	5/8"
YAEV2C-H1		1/4	0.69	0.35	1.98	2.33				
YAEV2C-H2		5/16	0.69	0.35	1.98	2.33				
YAEV2C-H		3/8	0.69	0.35	1.98	2.33				
YAEV2C-H4		1/2	0.77	0.47	2.10	2.49				
YAEV1C-H1	1 Max. Insul. Dia.: .58" Sleeve Color: White	1/4	0.76	0.38	2.10	2.48	MY28-6* Y35, Y39 with U1CET Die	DV26L	Y29PLE	5/8"
YAEV1C-H2		5/16	0.76	0.38	2.10	2.48				
YAEV1C-H		3/8	0.76	0.38	2.10	2.48				
YAEV1C-H3		1/2	0.86	0.46	2.10	2.62				

\* BMY BNCH-MT bench mount adapter available.

## TYPE YAEV-H

(Continued)

B-22



**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.

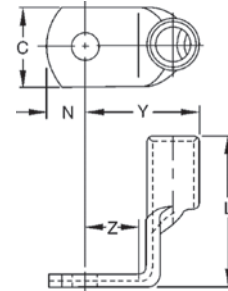
Bulk Catalog Number	Wire Range	Stud Size	Dimensions in Inches				Installation Tooling			Wire Strip Length
			C	Z Min.	Y Max.	L Max.	HYTOOL™ HYPRESS™	Y29NC, Y29BH		
								Nest	Indentor	
YAEV25-H1	1/0 Max. Insul. Dia.: .66" Sleeve Color: Blue	1/4	0.83	0.43	2.39	2.82	MY28-6* Y35, Y39 with U25ET Die Set	DEV25L	Y29PLE	11/16"
YAEV25-H2		5/16	0.83	0.43	2.39	2.82				
YAEV25-H		3/8	0.83	0.43	2.39	2.82				
YAEV25-H3		1/2	0.88	0.46	2.43	2.88				
YAEV25-H4		5/8	0.88	0.62	2.58	3.09				
YAEV26-H1	2/0 Max. Insul. Dia.: .73" Sleeve Color: Yellow	1/4	0.94	0.48	2.65	3.12	MY28-6* Y35, Y39 with U26ET Die Set	DEV26L	Y29PLE	13/16"
YAEV26-H2		5/16	0.94	0.48	2.65	3.12				
YAEV26-H		3/8	0.94	0.48	2.65	3.12				
YAEV26-H3		1/2	0.94	0.48	2.65	3.12				
YAEV26-H12		5/8	0.94	0.62	2.79	3.33				

\* BMY BNCH-MT bench mount adapter available.

TYPES YAV-R, YAV-RS

HYLUG™

Heavy Duty Right-Angle Terminals



B-23

Factory formed right angle HYLUG™ connectors made of seamless pure copper tubing. These rugged terminals withstand the most severe applications. Inspection hole in barrel permits visual check of wire insertion. Tin plated to resist corrosion. Meets requirements of SAE-AS7928.

**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 (AWG/kcmil)	Stud Size	Dimensions					Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.	N		
YAV18-R	22-18	8-10	0.31	0.34	0.46	0.25	0.16	Non-Ratchet: Y10D Ratchet: Y8MRB-1, MR20, MR8-G98, MR8-9Q	1/4
YAV14-RL33	20-14	4-6	0.25	0.37	0.45	0.21	0.12		
YAV14-R		8-10	0.31	0.36	0.48	0.25	0.16		
YAV10-R	12-10	8-10	0.38	0.53	0.46	0.25	0.19		5/16
YAV10-R3BOX	12-10	1/4	0.47	0.55	0.50	.28	0.23		5/16

Catalog Number	Wire Range (AWG/kcmil)	Stud Size	Dimensions in Inches					Installation Tooling		Wire Strip Length	Tool ▲ Index Number	
			C	L Max.	Y Max.	Z Min.	N	Ratchet, Non-Ratchet, HYTOOL™	HYPRESS™ Y29NC, Y29BH			
									Nest			Indentor
YAV8C-RS	8	8-10	0.41	0.95	0.62	0.25	0.20	MY28 MY29-11	DV8L*	Y29PL	7/16	38
YAV8C-RS1		1/4	0.41	0.95	0.65	0.28	0.20					
YAV8C-RS3		3/8	0.56	0.95	0.71	0.34	0.31					
YAV6C-RS1	6	8-10	0.50	0.98	0.67	0.28	0.25		DV6L	Y29PL	1/2	39
YAV6C-RS		1/4	0.50	0.98	0.67	0.28	0.25					
YAV6C-RS4		5/16	0.59	0.98	0.73	0.34	0.31					
YAV6C-RS2	3/8	0.59	0.98	0.73	0.34	0.31	DV4L		Y29PL	1/2	40	
YAV4C-RS3	8-10	0.53	1.00	0.70	0.28	0.25						
YAV4C-RS	1/4	0.53	1.00	0.70	0.28	0.25						
YAV4C-RS4	5/16	0.62	1.00	0.77	0.34	0.31	DV2L		Y29PR	5/8	41	
YAV4C-RS2	3/8	0.62	1.00	0.77	0.34	0.31						
YAV2C-RS1	1/4	0.68	1.27	0.82	0.34	0.33						
YAV2C-RS2	2	5/16	0.68	1.27	0.82	0.34	0.33		DV1L	Y29PR	5/8	42
YAV2C-RS		3/8	0.68	1.27	0.82	0.34	0.33					
YAV1C-RS1	1	1/4	0.73	1.31	0.88	0.34	0.33		DV25L	Y29PR	11/16	43
YAV1C-RS2		5/16	0.73	1.31	0.88	0.34	0.33					
YAV25-RS	1/0	3/8	0.81	1.46	1.01	0.44	0.39	DV26L	Y29PR	13/16	44	
YAV25-RS3		1/2	0.88	1.46	1.04	0.47	0.44					
YAV26-RS	2/0	3/8	0.92	1.58	1.00	0.47	0.39	—	—	7/8	45	
YAV26-RS3		1/2	0.92	1.58	1.00	0.47	0.39					
YAV27-RS	3/0	3/8	1.02	1.61	1.12	0.47	0.48	—	—	7/8	46	
YAV28-RS	4/0	3/8	1.12	1.75	1.15	0.47	0.48					

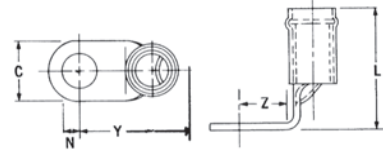
\* For aircraft applications (Flexible Cable) use die DV8L-1  
▲ See Present Installation Tool Index

TYPES YAEV-RS

B-24

INSULUG™

Nylon-Insulated  
Right-Angle Terminals



Factory formed right angle INSULUG™ connectors made of seamless pure copper tubing. These rugged terminals withstand the most severe applications. Inspection hole in barrel permits visual check of wire insertion. Meets requirements of SAE-AS7928.

**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	N	C	Z Min.	Y Max.	L Max.	Installation Tooling			Wire Strip Length
								HYTOOL™	HYPRESS™ Y29NC, Y29BH		
									Nest	Indentor	
YAEV8C-RS	8	8-10	0.20	0.41	0.25	0.82	1.25	A	DEV8L	Y29PLE-1	7/16"
YAEV8C-RS1	Max. Insul. Dia.: .258" Sleeve Color: Red	1/4	0.25	0.41	0.28	0.84	1.25				
YAEV6C-RS1	6	8-10	0.25	0.50	0.28	0.88	1.28	B	DEV6L	Y29PLE-1	1/2"
YAEV6C-RS	Max. Insul. Dia.: .313" Sleeve Color: Blue	1/4	0.25	0.50	0.28	0.88	1.28				
YAEV4C-RS	4	1/4	0.25	0.53	0.28	0.95	1.28	C	DEV4L	Y29PLE-1	1/2"
YAEV4C-RS2	Max. Insul. Dia.: .374" Sleeve Color: Yellow	3/8	0.31	0.62	0.34	1.02	1.28				
YAEV2C-RS1	2	1/4	0.33	0.68	0.34	1.13	1.59	D	DEV2L	Y29PLE	5/8"
YAEV2C-RS	Max. Insul. Dia.: .459" Sleeve Color: Red	3/8	0.33	0.68	0.34	1.13	1.59				
YAEV1C-RS2	1	5/16	0.33	0.73	0.34	1.13	1.65	E	DV26L	Y29PLE	5/8"
YAEV1C-RS	Max. Insul. Dia.: .516" Sleeve Color: White	3/8	0.33	0.73	0.34	1.22	1.65				
YAEV25-RS	1/0	3/8	0.39	0.81	0.44	1.46	1.88	F	DEV25L	Y29PLE	11/16"
YAEV26-RS	2/0	3/8	0.39	0.92	0.47	1.48	2.06	G	DEV26	Y29PLE	13/16"

A	B	C	D	E	F	G
Ratchet: M8ND with N8CET-2 Die Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U8CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U6CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U4CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U2CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U1CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U25ET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U26ET Die Set

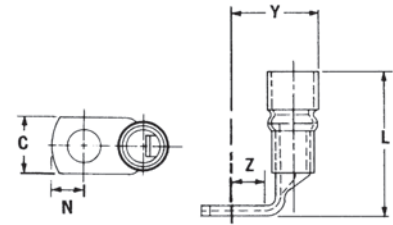
†† BMY BNCH-MT bench mount adapter available.

TYPE YAEV-RH

INSULUG™

Nylon-Insulated  
Right-Angle Terminals

Designed to Accommodate Larger  
Conductor Insulation Diameters



B-25

Factory formed right angle INSULUG™ connectors made of seamless pure copper tubing. These rugged terminals withstand the most severe applications. Inspection hole in barrel permits visual check of wire insertion. Tin plated to resist corrosion. Meets requirements of SAE-AS7928.

**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	N	C	Z Min.	Y Max.	L Max.	Installation Tooling			Wire Strip Length
								HYTOOL™	HYPRESS™ Y29NC, Y29BH		
									Nest	Indentor	
YAEV8C-RH	8	8-10	0.20	0.41	0.25	0.87	1.38	A	DEV8L	Y29PLE-1	7/16"
YAEV8C-RH1	Max. Insul. Dia.: .30" Sleeve Color: Red	1/4	0.25	0.41	0.28	0.90	1.38				
YAEV6C-RH1	6	8-10	0.25	0.50	0.28	0.97	1.43	B	DEV6L	Y29PLE-1	1/2"
YAEV6C-RH	Max. Insul. Dia.: .38" Sleeve Color: Blue	1/4	0.25	0.50	0.28	0.97	1.43				
YAEV4C-RH	4	1/4	0.25	0.53	0.28	1.04	1.53	C	DEV4L	Y29PLE-1	1/2"
YAEV4C-RH2	Max. Insul. Dia.: .44" Sleeve Color: Yellow	3/8	0.31	0.62	0.34	1.11	1.53				
YAEV2C-RH1	2	1/4	0.33	0.67	0.34	1.22	1.88	D	DEV2L	Y29PLE	5/8"
YAEV2C-RH	Max. Insul. Dia.: .52" Sleeve Color: White	3/8	0.33	0.67	0.34	1.22	1.88				
YAEV1C-RH2	1	5/16	0.33	0.73	0.34	1.32	1.99	E	DV26L	Y29PLE	5/18"
YAEV1C-RH	Max. Insul. Dia.: .52" Sleeve Color: White	3/8	0.33	0.73	0.34	1.32	1.99				
YAEV25-RH	1/0	3/8	0.39	0.81	0.44	1.50	2.29	F	DEV25L	Y29PLE	11/16"
YAEV26-RH	2/0	3/8	0.39	0.92	0.47	1.60	2.42	G	DEV26L	Y29PLE	13/16"

A	B	C	D	E	F	G
Ratchet: M8ND with N8CET-2 Die Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U8CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U6CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U4CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U2CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U1CET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U25ET Die Set	Non-Ratchet: MY28-6†† Hydraulic: Y35, Y39 with U26ET Die Set

†† BMY BNCH-MT bench mount adapter available.

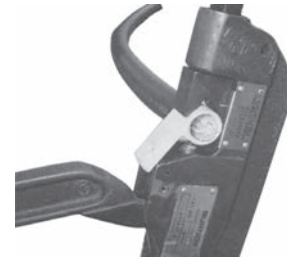
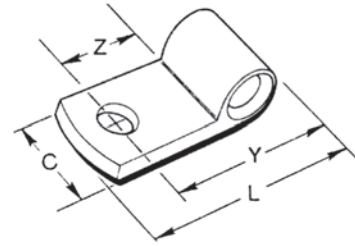
## TYPE YBM

B-26

### HYLUG™

#### Flag-Type Ring-Tongue Terminals

Made of pure electrolytic copper for maximum conductivity and ductility. Seamless extrusion tin plated to resist corrosion.



**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	Dimensions in Inches				** HYTOOL™	**Installation Tooling		Wire Strip Length
	Flex	Code		C	Z Min.	Y Approx.	L Max.		HYPRESS™ Y29NC, Y29B		
									Nest	Indentor	
YBM8C	8	8	8-10	0.47	0.33	0.59	1.01	MY28	DV8B	Y29PBL	7/16"
YBM8C-T2	Class I, K, DLO (37/24)		1/4	0.53	0.36	0.62	1.07				1/2"
YBM8CT4	MIL-W-5086		3/8	0.66	0.42	0.68	1.19				9/16"
YBM6C-L9	6	6	8-10	0.53	0.36	0.64	1.09	MY28	DV6BL-1	Y29PBL	1/2"
YBM6C-L	Class I, DLO (81/24)		1/4	0.53	0.36	0.64	1.12				9/16"
YBM6C-L2	MIL-W-5086		5/16	0.59	0.42	0.70	1.21				5/8"
YBM6C-L3			3/8	0.66	0.42	0.70	1.24				
YBM4C-L4	4	4	8-10	0.53	0.36	0.69	1.18	MY28	DV4BL	Y29PBL	1/2"
YBM4C-L	Class I, DLO (105/24)		1/4	0.53	0.36	0.69	1.21				9/16"
YBM4C-L1	MIL-W-5086		5/16	0.59	0.42	0.75	1.3				5/8"
YBM4C-L2			3/8	0.66	0.42	0.75	1.33				
YBM2C-L1	2	2	1/4	0.66	0.36	0.73	1.28	MY28	DV2BL	Y29PL	5/8"
YBM2C-L2	Class I, DLO (150/24)		5/16	0.66	0.42	0.79	1.38				1"
YBM2C-L	MIL-W-5086		3/8	0.66	0.42	0.79	1.35				
YBM1C-L3	1	1	1/2	0.91	0.61	1.00	1.78	MY28	DV1BL	Y29PL	5/8"
YBM1C-L	Class I, DLO (225/24)		3/8	0.66	0.49	0.88	1.53				
YBM25-L1	1/0	—	1/4	0.72	0.42	0.86	1.49	MY28	DV25BL-1	Y29PR	3/4"
YBM25-L2	Class I, DLO (275/24)		5/16	0.72	0.45	0.88	1.56				
YBM25-L	MIL-W-5086		3/8	0.72	0.49	0.92	1.62				
YBM26-L	2/0	—	3/8	0.84	0.49	0.98	1.71	MY28	DV26L	Y29PR	13/16"
YBM28-1/4	4/0	—	1/4	0.95	0.72	1.66	2.06	MY28	DV28L		1"

\* Lead Plated available, contact factory.

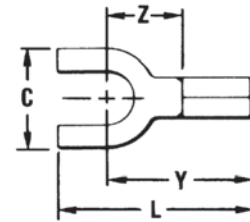
\*\* See top illustration for recommended connector insertion into tools.



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.

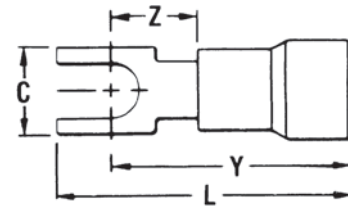
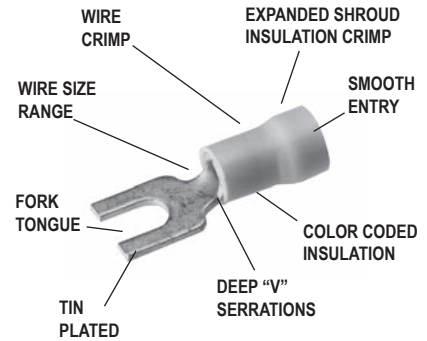
The Type TP-F is a fork tongue variation of the TP design and makes installation easier.



**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	BA16EF6		BA16EF6M		
TP16-8F		#6-#8	0.31	0.86	0.69	0.26	BA16EF8		BA16EF8M		
TP16-10F		#8-#10	0.41	0.95	0.75	0.31	BA16EF10		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	BA14EF6		—		
TP14-8F		#6-#8	0.31	0.86	0.69	0.26	BA14EF8		BA14EF8M		
TP14-10F		#8-#10	0.41	0.95	0.75	0.31	BA14EF10		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	BA10EF8		*BA10EF8M		
TP10-10F		#8-#10	0.41	1.07	0.87	0.31	BA10EF10		*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.

TYPES TN-F AND YAES-F

INSULUG™

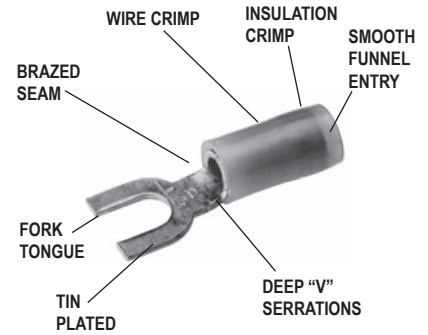
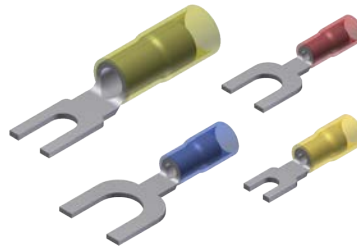
Terminal - Nylon Insulated,  
Fork Tongue

600 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.

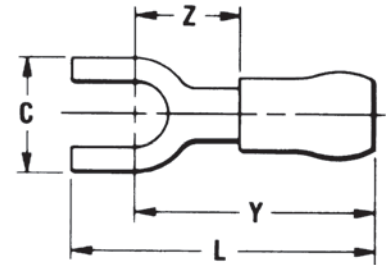
Used on both power and control circuits for wire sizes #26 AWG through #10 AWG. The TN-F provides high dielectric strength and stability in oily conditions.

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 & Benefits

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



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	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.			
TN20-2F*	26-20 Max. Insul. Dia. Accom.: 0.10 Color Code: Amber	#1 -#2	0.18	0.76	0.65	0.24	—	M8ND with N14HET-25V1 Die Set	3/16"
TN20-6F*		#4 -#6	0.28	0.80	0.70	0.28	—		
TN184F*	22-18 Max. Insul. Dia. Accom.: 0.12 Color Code: Red	#3 -#4	0.23	0.75	0.65	0.24	—	Non-Ratchet: Y10D Y1022 Ratchet: MRE1022NV MR8-83** MR18	7/32"
TN18-6F		#4 -#6	0.28	0.79	0.65	0.24	YAES18N1F		
TN18-8F		#6 -#8	0.31	0.84	0.67	0.26	YAES18N49F		
TN18-10F		#8 -#10	0.37	0.84	0.68	0.27	YAES18N3F		
TN18-14F		1/4	0.47	1.03	0.79	0.38	YAES18N50F		
TN14-6F	16-14 Max. Insul. Dia. Accom.: 0.15 Color Code: Blue	#4 -#6	0.28	0.79	0.65	0.24	YAES14N6F	Non-Ratchet: Y10D Y1022 Ratchet: MRE1022NV MR8-83** MR18	7/32"
TN14-8F		#6 -#8	0.31	0.84	0.67	0.26	YAES14N53F		
TN14-10F		#8 -#10	0.37	0.84	0.68	0.27	YAES14N8F		
TN14-14F		1/4	0.47	1.03	0.79	0.38	YAES14N54F		
TN10-6F	12-10 Max. Insul. Dia. Accom.: 0.21 Color Code: Yellow	#4 -#6	0.28	0.96	0.82	0.24	YAES10N11F	Non-Ratchet: Y10D Y1022 Ratchet: MRE1022NV MR8-83** MR18	11/32"
TN10-8F		#6 -#8	0.31	1.01	0.84	0.26	YAES10N56F		
TN10-10F		#8 -#10	0.41	1.09	0.89	0.31	YAES10N12F		
TN10-14F		1/4	0.50	1.21	0.96	0.38	YAES10N57F		

\* Not UL Listed or CSA Certified.

\*\* Or other tool conforming to military specification AS25036 or AS90413

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

### INSULUG™

Terminal - Nylon Insulated, Fork Tongue

Multi-Finger Insulation Grip

600 Volts Max. 105° C Max.

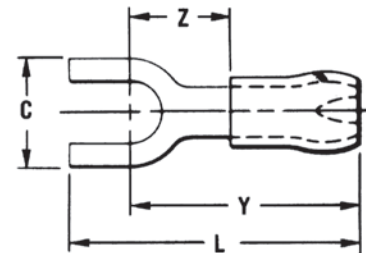
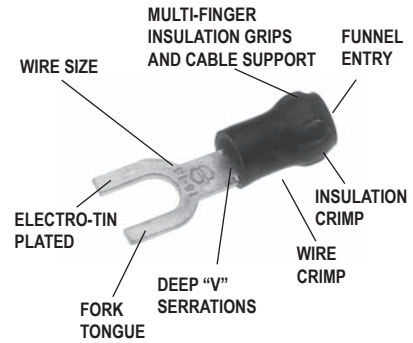
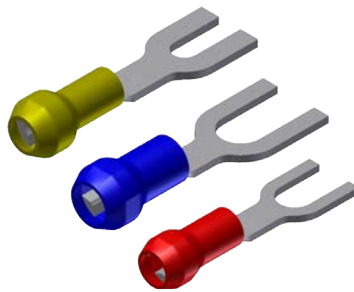
INSULUG™ type YAE-N-F nylon insulated terminals are designed with a Multi-Finger Insulation grip, are rated 105° C and are supplied with a fork tongue for easy terminal insertion and removal.



### Features & Benefits

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

**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	Dimensions				Bulk Catalog Number	Installation Tooling**	Tape Mounted Catalog Number 2000/Reel	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.					
YAE22N65FBOX*	24 - 20 Max. Insul. Dia.: 0.10" Sleeve Color: Amber	#2	0.18	0.73	0.63	0.22	YAE22N65F	Ratchet: M8ND N14HET25V1 Die	YAE22N65FM	TFM with DFM11D1 Die	5/32"
YAE22N66FBOX*		#4 - #6	0.28	0.80	0.67	0.27	YAE22N66F		YAE22N66FM		
YAE18N60FBOX*	22 - 16 Max. Insul. Dia.: 0.13" Sleeve Color: Red	#4	0.21	0.92	0.73	0.24	YAE18N60F	Non-Ratchet: Y10D, Y1022 Ratchet: MRE1022NV, MR8-33T-1, M8ND with one of the following dies: N14HET-25V1, N10ET-9, N14HET-15, N10ET-23	YAE18N60FM	TFM with DFM10D1 Die	3/16"
YAE18G43FBOX		#4 - #6	0.25	0.78	0.68	0.18	YAE18G43F		YAE18G43FM		
YAE18N56FBOX†		#4 - #6	0.28	0.82	0.71	0.21	YAE18N56F		—		
YAE18N57FBOX		#6 - #8	0.31	0.96	0.77	0.28	YAE18N57F		YAE18N57FM		
YAE18N58FBOX		#8	0.36	1.02	0.82	0.33	—		—		
YAE14N76FBOX	16 - 14 Max. Insul. Dia.: 0.16" Sleeve Color: Blue	#4 - #6	0.28	0.85	0.74	0.25	YAE14N76F	Non-Ratchet: Y10D, Y1022 Ratchet: MR8-33T-1, M8ND with one of the following dies: N14HET-25V1, N10ET-9, N14HET-15, N10ET-23	—	TFM with DFM9D1 Die	3/16"
YAE14N77FBOX		#6 - #8	0.31	0.96	0.77	0.29	YAE14N77F		YAE14N77FM		
YAE14N78FBOX		#8 - #10	0.36	1.01	0.79	0.20	YAE14N78F		YAE14N78FM		
YAE10N80FBOX*	12 - 10	#4 - #6	0.35	1.02	0.67	0.29	—	Non-Ratchet: Y10D, Y10-22 Ratchet: MRE1022NV, MR8-33-T1, M8ND with one of the following dies: N14HET25V1, N10ET-9, N14HET-15, N10ET-23	—	—	3/8"
YAE10N81FBOX*		#6 - #8	0.35	1.02	0.67	0.29	—		—		
YAE10N82FBOX*		#10 - #9	0.37	1.02	0.65	0.29	—		—		
YAE10N83FBOX		1/4	0.50	1.20	0.70	0.29	—		—		

\* Not UL Listed or CSA Certified.

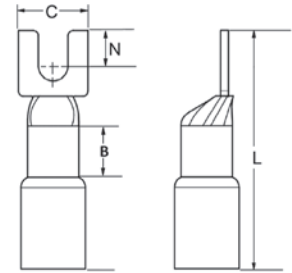
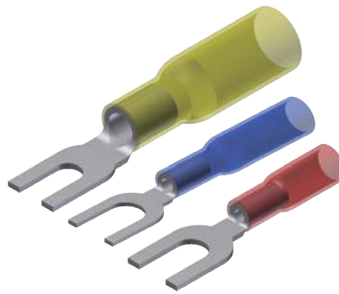
† Not UL Listed; is CSA Certified.

\*\* For UL Listed applications, consult BURNDY® factory.

TYPE YHSA-F

HYDENT™ HEAT SHRINK  
FORK TONGUE TERMINALS

For Use on Copper Conductor



B-31

Standard crimp terminals leave the wire exposed allowing in moisture or other contaminants which can result in corrosion. Corrosion reduces the amount of current the wire can carry safely. The integrity of the electrical system can be compromised when unsealed electrical connections are utilized. Heat shrink terminals provide a durable seal blocking out contaminants ensuring a better connection.

Features & Benefits

- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance
- Wire Strip Length 5/16"

**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 No. (100/bag)	Catalog No. (20/bag)	Stud Size	Conductor Size	Dimensions				Tongue Thickness	Installation Tooling	Wire Strip Length
				B	C	L	N			
YHSA18K6F	YHSA18K6FRK	4-6	22-18 AWG	0.22	0.25	1.17	0.32	0.04	MR22	5/16
YHSA18K8F	YHSA18K8FRK	6-8			0.32	1.17	0.32	0.04		
YHSA18K10F	YHSA18K10FRK	8-10			0.31	1.18	0.27	0.03		
YHSA14K6F	YHSA14K6FRK	4-6	16-14 AWG	0.22	0.25	1.17	0.30	0.04	MR22	5/16
YHSA14K8F	YHSA14K8FRK	6-8			0.34	1.17	0.30	0.04		
YHSA14K10F	YHSA14K10FRK	8-10			0.34	1.17	0.27	0.03		
YHSA14K14FRK	—	1/4			0.50	1.17	0.30	0.04		
YHSA10K6F	—	4-6	12-10 AWG	0.22	0.35	1.17	0.29	0.04	MR22	5/16
YHSA10K8F	YHSA10K8FRK	6-8			0.35	1.17	0.29	0.04		
YHSA10K10F	YHSA10K10FRK	8-10			0.37	1.16	0.27	0.04		
YHSA10K14FRK	—	1/4			0.50	1.17	0.30	0.04		

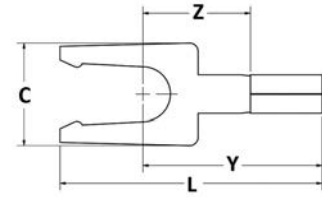
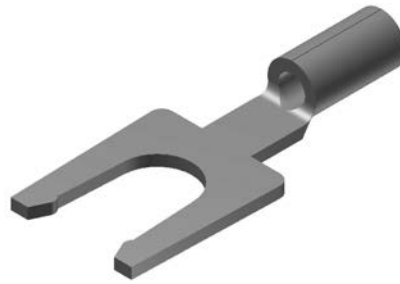
## TYPE T-LF

B-32

### HYLUG™

#### Uninsulated Compression Terminal Locking Fork Tongue

Type T-LF employs a locking fork tongue for fast installation and security.



### Features & 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

**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	Y	Z	Installation Tooling	Wire Strip Length
T166LF	22 - 16 AWG	#4 - #6	0.25	0.83	0.54	0.32	MRE1022B MR8G98 Y8MRB-1 MR20 Y10D Y10-22	9/32
T168LF		#6 - #8	0.31	0.83	0.57	0.32		
T1610LF		#8 - #10	0.31	0.83	0.63	0.32		
T146LF	16 - 14 AWG	#4 - #6	0.25	0.81	0.54	0.30	MRE1022B MR8G98 Y8MRB-1 MR20 Y10D Y10-22	9/32
T148LF		#6 - #8	0.30	0.83	0.57	0.30		
T1410LF		#8 - #10	0.32	0.83	0.63	0.30		
T106LF	12 - 10 AWG	#4 - #6	0.30	0.90	0.54	0.29	MRE1022B MR8G98 Y8MRB-1 MR20 Y10D Y10-22	11/32
T108LF		#6 - #8	0.33	0.90	0.57	0.29		
T1010LF		#8 - #10	0.35	0.90	0.63	0.29		



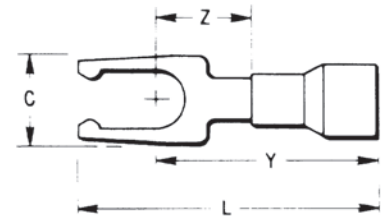
TYPE TP-LF AND BA-EL

VINYLUG™

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.



B-33

Features & 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.

**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	Dimensions				Bulk Catalog Number .	Installation Tooling	Tape Mounted Catalog Number 2000/ Reel	Installation Tooling for tape mounted	Wire Strip Length
			C	L. Max	Y Max.	Z Min.					
TP16-6LF	22 - 16 Max. Insul. Dia. Accom.: 0.15 Color Code: Red	#4 - #6	0.28	0.80	0.66	0.23	BA16EL6	Plier Type: Y10-22	BA16EL6M	TFM with DFM3D-1 Die	13/64
TP16-8LF		#6 - #8	0.31	0.86	0.69	0.26	BA16EL8		BA16EL8M		13/64
TP16-10LF		#8 - #10	0.41	0.95	0.75	0.31	BA16EL10	Ratchet Tool: MRE1022NV MR8-89-1 MR15	BA16EL10M		13/64
TP14-6LF	16 - 14 Max. Insul. Dia. Accom.: 0.18 Color Code: Blue	#4 - #6	0.28	0.80	0.66	0.23	BA14E6L	Plier Type: Y10-22	BA14E6LM	TFM with DFM2D1 Die	13/64
TP14-8LF		#6 - #8	0.31	0.86	0.69	0.26	BA14EL8		BA14EL8M		13/64
TP14-10LF		#8 - #10	0.41	0.95	0.75	0.31	BA14EL10	Ratchet Tool: MRE1022NV MR8-89-1 MR15	BA14EL10M		13/64
TP10-6LF	12 - 10 Max. Insul. Dia. Accom.: 0.26 Color Code: Yellow	#4 - #6	0.28	0.95	0.81	0.26	BA10EL6	Plier Type: Y10-22	* BA10EL6M	TFM with DFM1D5 Die	19/64
TP10-8LF		#6 - #8	0.31	0.98	0.81	0.26	BA10EL8		* BA10EL8M		19/64
TP10-10LF		#8 - #10	0.41	1.07	0.87	0.31	BA10EL10	Ratchet Tool: MR8-89-1 MR15	* BA10EL10M		19/64

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

## TYPE TN-LF

B-34

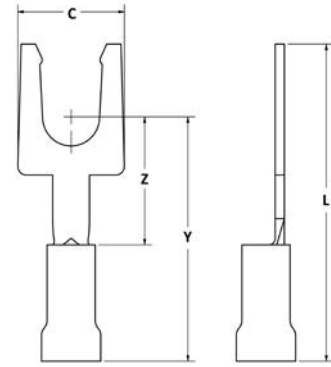
### INSULUG™

Terminal - Nylon Insulated,  
Locking Fork Tongue  
300 Volts Max., 105° C Max.

The Type TN-LF, 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-LF provides high dielectric strength and stability in oily conditions.

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



### Features & 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

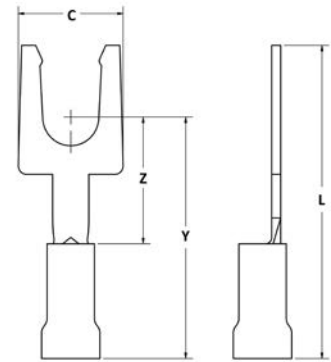
**NOTE:** Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Catalog Number	Wire Range	Stud Size	Dimensions				Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.		
TN18-6LF	22 - 18 Max. Insul. Dia. Accom: 0.145 Color Code: Red	4-6	0.25	0.95	0.66	0.32	MRE1022NV, MR8-83, Y10D, Y1022	7/32
TN18-8LF		6-8	0.31	0.95	0.69	0.32		
TN18-10LF		8-10	0.31	0.95	0.75	0.32		
TN14-6LF	16 - 14 Max. Insul. Dia. Accom: 0.180 Color Code: Blue	4-6	0.25	0.93	0.66	0.30	MRE1022NV, MR8-83, Y10D, Y1022	7/32
TN14-8LF		6-8	0.30	0.95	0.69	0.30		
TN14-10LF		8-10	0.32	0.95	0.75	0.30		
TN10-6LF	12 - 10 Max. Insul. Dia. Accom: 0.260 Color Code: Yellow	4-6	0.30	1.02	0.66	0.29	MRE1022NV, MR8-83, Y10D, Y1022	11/32
TN10-8LF		6-8	0.33	1.02	0.69	0.29		
TN10-10LF		8-10	0.35	1.02	0.75	0.29		

TYPE YAE-N-LF

INSULUG™

Terminal - Nylon Insulated,  
Locking Fork Tongue  
300 Volts Max., 105° C Max.



B-35

The YAE-N-LF Locking Fork is nylon insulated with an insulation grip and accepts a 22-10 AWG wire. The spring-like tongue locks into place around the stud even when the mount screw is not tightened.

Features & Benefits

- Locking Fork Tongue
- Rapid easy installation of terminal without complete removal of screw

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	Dimensions				Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.		
YAE18N104LFBOX	22 - 18	#4 - #6	0.25	0.95	0.66	0.32	MRE1022NV MR8-83 Y10-22 Y10D	7/32
YAE18N105LFBOX		#6 - #8	0.31	0.95	0.69	0.32		
YAE18N106LFBOX		#8 - #10	0.31	0.95	0.75	0.32		
YAE14N107LFBOX	16 - 14	#4 - #6	0.25	0.93	0.66	0.30	MRE1022NV MR8-83 Y10-22 Y10D	7/32
YAE14N108LFBOX		#6 - #8	0.30	0.95	0.69	0.30		
YAE14N109LFBOX		#8 - #10	0.32	0.95	0.75	0.30		
YAE10N110LFBOX	12 - 10	#4 - #6	0.30	1.02	0.81	0.29	MRE1022NV MR8-83 Y10-22 Y10D	11/32
YAE10N111LFBOX		#6 - #8	0.33	1.02	0.81	0.29		
YAE10N112LFBOX		#8 - #10	0.35	1.02	0.87	0.29		

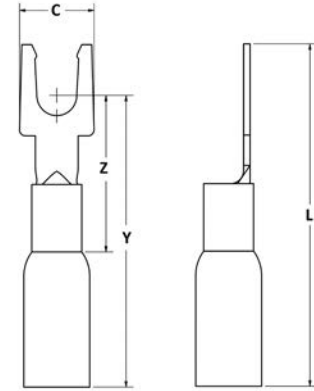
## TYPE YHSA-K-LF

B-36

### HYDENT™ HEAT SHRINK FORK

For Use on Copper Conductor

Standard crimp terminals leave the wire exposed allowing in moisture or other contaminants which can result in corrosion. Corrosion reduces the amount of current the wire can carry safely. The integrity of the electrical system can be compromised when unsealed electrical connections are utilized. Heat shrink terminals provide a durable seal blocking out contaminants ensuring a better connection.



### Features & Benefits

- Made from copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance

**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.

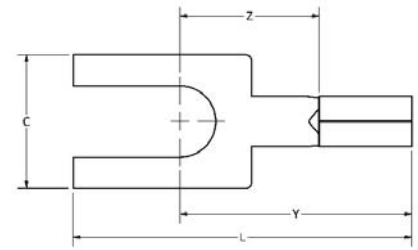
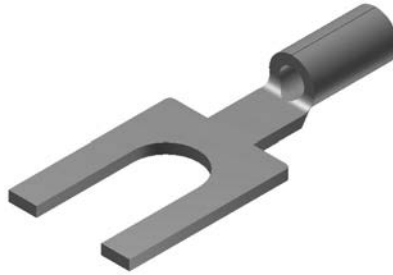
Catalog Number	Wire Range	Stud Size	L	C	Y	Z	Installation Tooling	Wire Strip Length
YHSA18K6LF	22 - 18	#6	1.20	0.25	0.66	0.32	MR22	5/16"
YHSA18K8LF		#8	1.20	0.31	0.69	0.32		
YHSA18K10LF		#10	1.20	0.31	0.75	0.32		
YHSA14K6LF	16 - 14	#6	1.18	0.25	0.66	0.30	MR22	5/16"
YHSA14K8LF		#8	1.20	0.30	0.69	0.30		
YHSA14K10LF		#10	1.20	0.32	0.75	0.30		
YHSA10K6LF	12 - 10	#6	1.27	0.30	0.81	0.29	MR22	5/16"
YHSA10K8LF		#8	1.27	0.33	0.81	0.29		
YHSA10K10LF		#10	1.27	0.35	0.87	0.29		

TYPE T-BF

FINGRIP™

Uninsulated Compression Terminal  
Block Fork Tongue

Type T-BF is made from pure electrolytic copper. Electro-tin plated for corrosion resistance. Block spade design, featured squared-off ends.



B-37

Features & Benefits

- Permits rapid, easy installation of the terminal under the screw head without complete removal of the screw

**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	Y	Z	Installation Tooling	Wire Strip Length		
T166BF	22 - 16 AWG	#4 - #6	0.25	0.83	0.20	0.83	MRE1022B MR8G98 Y8MRB-1 MR20 Y10D Y10-22	9/32"		
T168BF		#6 - #8	0.31	0.83	0.20	0.79				
T1610BF		#8 - #10	0.31	0.83	0.20	0.79				
T146BF	16 - 14 AWG	#4 - #6	0.25	0.81	0.18	0.81		MRE1022B MR8G98 Y8MRB-1 MR20 Y10D Y10-22	9/32"	
T148BF		#6 - #8	0.30	0.83	0.18	0.80				
T1410BF		#8 - #10	0.32	0.83	0.18	0.79				
T106BF	12 - 10 AWG	#4 - #6	0.30	0.90	0.17	0.87			MRE1022B MR8G98 Y8MRB-1 MR20 Y10D Y10-22	11/32"
T108BF		#6 - #8	0.33	0.90	0.17	0.86				
T1010BF		#8 - #10	0.35	0.90	0.17	0.85				

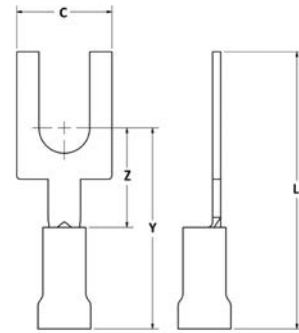
## TYPE TP-BF

B-38

### INSULUG™

Terminal - Vinyl Insulated,  
Block Fork Tongue

Type TP-BF terminals are made from pure electrolytic copper. Electro-tin plated for corrosion resistance and Vinyl insulated. Block spade design features squared off ends.



### Features & Benefits

- Permits rapid and easy installation of the terminal under the screw head without complete removal of the screw

**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	Y	Z	Installation Tooling	Wire Strip Length
TP166BF	22 - 16	#4 - #6	0.25	0.95	0.83	0.32	Y10-22 MR8-89-1 MR8-G96 MR15 MRE1022NV	13/64
TP168BF		#6 - #8	0.31	0.95	0.79	0.32		
TP1610BF		#8 - #10	0.31	0.95	0.79	0.32		
TP146BF	16 - 14	#4 - #6	0.25	0.93	0.81	0.30	Y10-22 MR8-89-1 MR8-G96 MR15 MRE1022NV	13/64
TP148BF		#6 - #8	0.30	0.95	0.80	0.30		
TP1410BF		#8 - #10	0.32	0.95	0.79	0.30		
TP106BF	12 - 10	#4 - #6	0.30	1.02	0.87	0.29	Y10-22 MR8-89-1 MR8-G96 MR15 MRE1022NV	19/64
TP108BF		#6 - #8	0.33	1.02	0.86	0.29		
TP1010BF		#8 - #10	0.35	1.02	0.85	0.29		



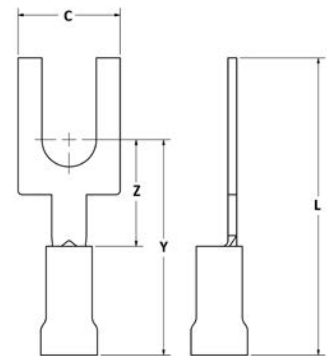
TYPE TN-BF

HYDENT™

Terminal - Nylon Insulated,  
Block Fork Tongue

600 Volts Max., 105° C Max.

Type TN-BF terminals are made from pure electrolytic copper. Electro tin plated for corrosion resistance. Block spade design features squared-off ends.



B-39

Features & Benefits

- Permits rapid and easy installation of the terminal under the screw head without complete removal of the screw.

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	Y	Z	Installation Tooling	Wire Strip Length
TN186BF	22 - 18	#4 - #6	0.25	0.95	0.83	0.32	MRE1022NV MR81A Y10D Y10-22 M8ND with one of the following N14HET25V1, N10ET9, N14ET15, N10ET23	3/16"
TN188BF		#6 - #8	0.31	0.95	0.79	0.32		
TN1810BF		#8 - #10	0.31	0.95	0.79	0.32		
TN146BF	16 - 14	#4 - #6	0.25	0.93	0.81	0.30	MRE1022NV MR81A Y10D Y10-22 M8ND with one of the following N14HET25V1, N10ET9, N14ET15, N10ET23	3/16"
TN148BF		#6 - #8	0.30	0.95	0.80	0.30		
TN1410BF		#8 - #10	0.32	0.95	0.79	0.30		
TN106BF	12 - 10	#4 - #6	0.30	1.02	0.87	0.29	MRE1022NV MR81A Y10D Y10-22 M8ND with one of the following N14HET25V1, N10ET9, N14ET15, N10ET23	3/8"
TN108BF		#6 - #8	0.33	1.02	0.86	0.29		
TN1010BF		#8 - #10	0.35	1.02	0.85	0.29		

## TYPE YAE-N-BF

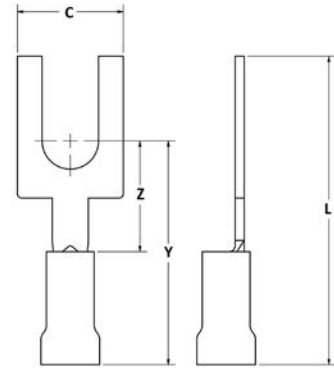
B-40

### INSULUG™

Terminal - Nylon Insulated  
Block Fork Tongue

600 Volts Max., 105° C Max.

Type YAE-N-BF terminals are a block spade design featuring squared-off ends.



### Features & Benefits

- Rapid easy installation of terminal under the screw head without complete removal of the screw

**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.

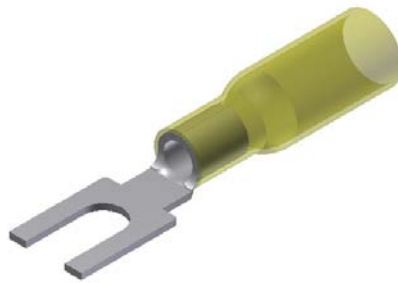
Catalog Number	Wire Range	Stud Size	C	L	Y	Z	Installation Tooling	Wire Strip Length
YAE18N104BFBOX	22 - 18	#4 - #6	0.25	0.95	0.83	0.32	MRE1022NV, MR8-1A, MR8-33T-1, Y10D, Y1022, M8ND with one of the following dies: N14HET-25V1, N10ET-9, N14ET-15, N10ET-23	3/16"
YAE18N105BFBOX	22 - 18	#6 - #8	0.31	0.95	0.79	0.32		
YAE18N106BFBOX	22 - 18	#8 - #10	0.31	0.95	0.79	0.32		
YAE14N107BFBOX	16 - 14	#4 - #6	0.25	0.93	0.81	0.30	MRE1022NV, MR8-1A, MR8-33T-1, Y10D, Y1022, M8ND with one of the following dies: N14HET-25V1, N10ET-9, N14ET-15, N10ET-23	3/16"
YAE14N108BFBOX	16 - 14	#6 - #8	0.30	0.95	0.80	0.30		
YAE14N109BFBOX	16 - 14	#8 - #10	0.32	0.95	0.79	0.30		
YAE10N110BFBOX	12 - 10	#4 - #6	0.30	1.02	0.87	0.29	MRE1022NV, MR8-1A, MR8-33T-1, Y10D, Y1022, M8ND with one of the following dies: N14HET-25V1, N10ET-9, N14ET-15, N10ET-23	3/8"
YAE10N111BFBOX	12 - 10	#6 - #8	0.33	1.02	0.86	0.29		
YAE10N112BFBOX	12 - 10	#8 - #10	0.35	1.02	0.85	0.29		

TYPE YHSA-K-BF

HYDENT™ HEAT SHRINK  
BLOCK FORK

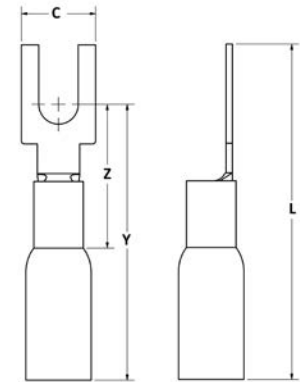
For Use on Copper Conductor

Standard crimp terminals leave the wire exposed allowing in moisture or other contaminants which can result in corrosion. Corrosion reduces the amount of current the wire can carry safely. The integrity of the electrical system can be compromised when unsealed electrical connections are utilized. Heat shrink terminals provide a durable seal blocking out contaminants ensuring a better connection.



Features & Benefits

- Made from copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance



**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.

B-41

Catalog Number	Wire Range	Stud Size	C	L	Y	Z	Tongue Thickness	Installation Tooling	Wire Strip Length
YHSA18K6BF	22 - 18	#4 - #6	0.25	1.20	0.66	0.13	0.04	MR22	5/16"
YHSA18K8BF		#6 - #8	0.31	1.20	0.69	0.16	0.04	MR22	
YHSA18K10BF		#8 - #10	0.31	1.20	0.75	0.16	0.04	MR22	
YHSA14K6BF	16 - 14	#4 - #6	0.25	1.18	0.66	0.13	0.04	MR22	5/16"
YHSA14K8BF		#6 - #8	0.30	1.20	0.69	0.15	0.04	MR22	
YHSA14K10BF		#8 - #10	0.32	1.20	0.75	0.16	0.04	MR22	
YHSA10K10BF	12 - 10	#4 - #6	0.30	1.27	0.87	0.15	0.04	MR22	5/16"
YHSA10K6BF		#6 - #8	0.33	1.27	0.81	0.16	0.04	MR22	
YHSA10K8BF		#8 - #10	0.35	1.27	0.81	0.18	0.04	MR22	

## TYPE TP-Z AND BA-EZ

B-42

### VINYLUG™

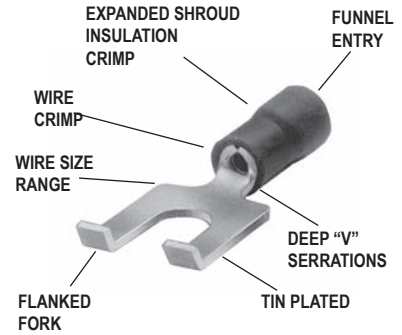
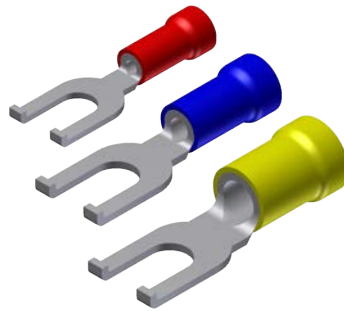
Terminal - Polyvinylchloride Insulated,  
Flanged Fork Tongue

600 Volts Max., 105° C Max.

VINYLUG™ Type TP-Z is a variation of the Type TP and employs a flanged fork tongue for fast installation and security.

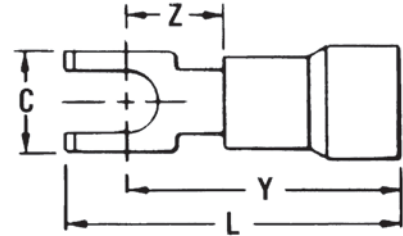


**NOTE:** Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



### Features & Benefits

- 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	Wire Strip Length
			C	Y Max.	Z Min.	L Max.			
TP16-2Z	22 - 16 Max. Insul. Dia. Accom.: 0.15 Color Code Red	#1 - #2	0.17	0.66	0.23	0.78	BA16EZ2	Plier Type: Y10-22 Ratchet Tool: MRE1022NV MR8-89-1	1/4"
TP16-6Z		#4 - #6	0.28	0.66	0.23	0.83	BA16EZ6		
TP16-8Z		#6 - #8	0.31	0.69	0.26	0.88	BA16EZ8		
TP16-10Z		#8 - #10	0.41	0.75	0.31	0.96	BA16EZ10		
TP14-2Z	16 - 14 Max. Insul. Dia. Accom.: 0.18 Color Code: Blue	#1 - #2	0.17	0.66	0.23	0.78	BA14EZ2	Plier Type: Y10-22 Ratchet Tool: MRE1022NV MR8-89-1	1/4"
TP14-6Z		#4 - #6	0.28	0.66	0.23	0.83	BA14EZ6		
TP14-8Z		#6 - #8	0.31	0.69	0.26	0.88	BA14EZ8		
TP14-10Z		#8 - #10	0.41	0.75	0.31	0.96	BA14EZ10		
TP10-6Z	12 - 10 Max. Insul. Dia. Accom.: 0.26 Color Code: Yellow	#4 - #6	0.28	0.81	0.26	0.99	BA10EZ6	MRE1022NV, MR15, M8ND with N10ET-23	11/32"
TP10-8Z		#6 - #8	0.31	0.81	0.26	1.01	BA10EZ8		
TP10-10Z		#8 - #10	0.41	0.81	0.31	1.09	BA10EZ10		

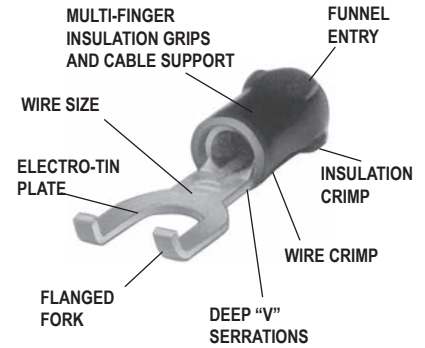
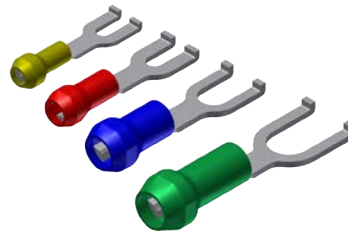
**TYPES YAE-Z BOX AND YAE-Z**

**INSULUG™**

Terminal - Nylon Insulated, Flanged Fork, Multi-Finger Insulation Grip

600 Volts Max. 105° C Max.

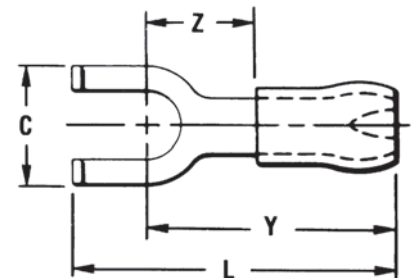
INSULUG™ type YAE-Z is identical to type YAE-N and employs a flanged fork tongue for faster installation while maintaining security if supporting screw becomes loose.



**Features & 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.

**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	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
			C	Z Min.	Y Max.	L Max.			
YAE22Z1BOX *	26 - 20 Max. Insul. Dia.: .098" Sleeve Color: Amber	#2	0.18	0.21	0.63	0.75	YAE22Z1	MRE1022NV, MR8-33T-1, M8ND with one of the following dies: N14HET-15, N10ET-9, N10ET-23, N14HET-25V1 Y10D, Y1022	5/32"
YAE22Z2BOX *		#4 - #6	0.28	0.24	0.67	0.83	YAE22Z2		
YAE22Z3BOX *		#6 - #8	0.31	0.28	0.70	0.92	YAE22Z3		
YAE18Z1BOX	22 - 16 Max. Insul. Dia. Accom.: .125" Color Code: Red	#2	0.18	0.21	0.70	0.83	YAE18Z1	MRE1022NV, MR8-33T-1, M8ND with one of the following dies: N14HET-15, N10ET-9, N10ET-23, N14HET-25V1 Y10D, Y1022	3/16"
YAE18Z2BOX		#4 - #6	0.28	0.24	0.74	1.00	YAE18Z2		
YAE18Z3BOX		#6 - #8	0.31	0.28	0.77	1.00	YAE18Z3		
YAE18Z4BOX		#8 - #10	0.36	0.32	0.82	1.08	YAE18Z4		
YAE14Z2BOX	16 - 14 Max. Insul. Dia. Accom.: .156" Color Code: Blue	#4 - #6	0.28	0.25	0.74	0.90	YAE14Z2	MRE1022NV, MR8-33T-1, M8ND with one of the following dies: N14HET-15, N10ET-9, N10ET-23, N14HET-25V1 Y10D, Y1022	3/16"
YAE14Z3BOX		#6 - #8	0.31	0.29	0.77	1.00	YAE14Z3		
YAE14Z4BOX		#8 - #10	0.36	0.33	0.82	1.08	YAE14Z4		
YAE12Z2BOX	14 - 12 Max. Insul. Dia. Accom.: .180" Color Code: Green	#4 - #6	0.28	0.25	0.88	1.04	YAE12Z2	MRE1022NV, MR833T-1, M8ND with N12HET-1 Y10D, Y1022	21/64"
YAE12Z3BOX		#6 - #8	0.31	0.30	0.93	1.16	YAE12Z3		
YAE12Z4BOX		#8 - #10	0.36	0.34	0.97	1.23	YAE12Z4		

\* UL Recognized and CSA Certified; Not UL Listed

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

B-44

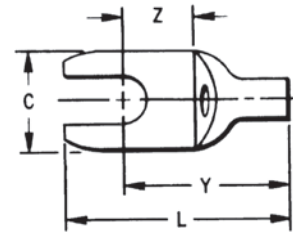
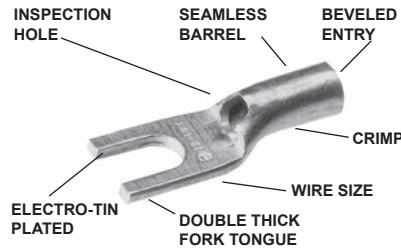
### HYLUG™

### 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 & Benefits

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

**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	Y	Z	Bulk Catalog Number	Installation Tooling	Wire Strip Length
YAV18-T19FBOX	22-18	#4-#6	0.31	0.84	0.55	0.25	YAV18T19F	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8-G98, MR8-9Q, MR20, Y8MRB-1, MRE10-22B	9/32"
YAV18-T21FBOX	20-18	#8-#10	0.37	0.84	0.55	YAV18T21F			
YAV14-T32FBOX	20-14	#4-#6	0.31	0.84	0.57	0.25	YAV14T32F		
YAV14-T34FBOX		#8-#10	0.37	0.82	0.60	0.26	YAV14T34F		
YAV10-T21FBOX	12-10	#8-#10	0.36	0.99	0.69	0.26	YAV10T21F	7/16"	
YAV10-T23FBOX		1/4	0.47	1.03	0.75	0.34	YAV10T23F		



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

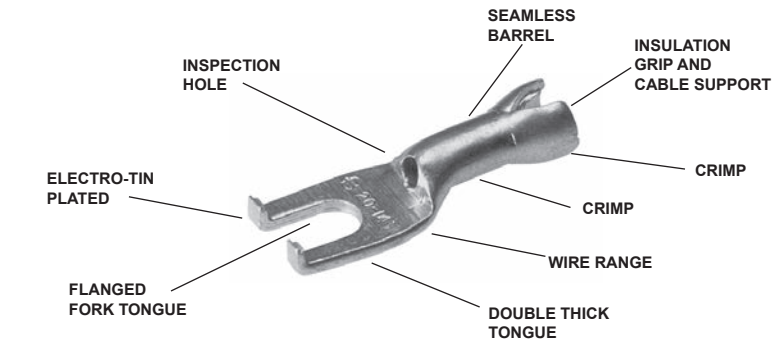
**HYLUG™**

**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 & 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

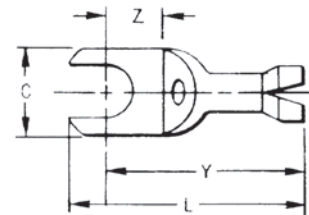


Fig .1

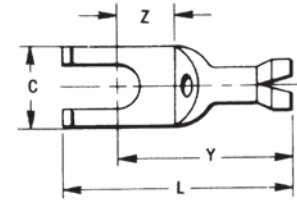


Fig .2

**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	Fig.	Wire Range	Stud Size	Max. Insul. Dia. Accom.	C	L Max	Y Max	Z Min	Bulk Catalog #	Installation Tooling	Wire Strip Length
YAV18-H6F BOX	1	22-18	4-6	0.120	0.25	0.89	0.80	0.19	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-H19F BOX	1		4-6	0.120	0.30	0.97	0.75	0.21	YAV18-H19F		
YAV18-H21F BOX	1		8-10	0.120	0.37	0.97	0.76	0.22	YAV18-H21F		
YAV14-Z5 BOX	2	20-14	4-6	0.150	0.31	0.86	0.69	0.13	YAV14-Z5		
YAV14-H32F BOX	1		4-6	0.150	0.30	0.96	0.78	0.23	YAV14-H32F		
YAV14-H56F BOX	1		6-8	0.150	0.30	0.96	0.78	0.23	YAV14-H56F		
YAV14-H34F BOX	1		8-10	0.150	0.38	0.96	0.78	0.23	YAV14-H34F		
YAV14-HF BOX	1		8-10	0.150	0.31	0.92	0.78	0.23	YAV14-HF		
YAV14-Z6 BOX	2	8-10	0.150	0.37	1.00	0.78	0.21	YAV14-Z6			
YAV10-HF BOX	1	12-10	8-10	0.192	0.38	1.07	0.78	0.24	YAV10-HF	N10HT-24	7/16"

\* Crimps conductor crimp only.

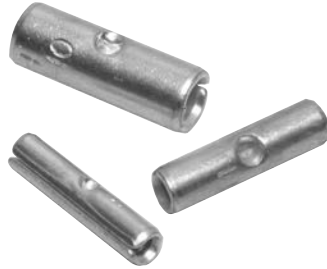
TYPE YSV-B

B-46

HYDENT™

Uninsulated Butt Splice

HYLINK™ type YSV-B rolled splice connector is used to splice stranded and solid copper conductors in virtually all heavy duty industrial and general purpose applications.



Features & Benefits

- Constructed of pure electrolytic copper
- Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Long brazed seam barrel
- Provides optimum conductivity, reliability and holding power after crimping
- Electro-tin plated
- Provides durable long-lasting corrosion resistance

Catalog Number	Wire Range	L	Installation Tooling	Wire Strip Length
YSV18BBOX	22 - 18 AWG	0.62	Y10D Y10-22 MRE1022B Y8MRB-1 MR8-9Q MR8-G98 MR20	1/4"
YSV14BBOX	16 - 14 AWG	0.64		1/4"
YSV10BBOX	12 - 10 AWG	0.75		5/16"

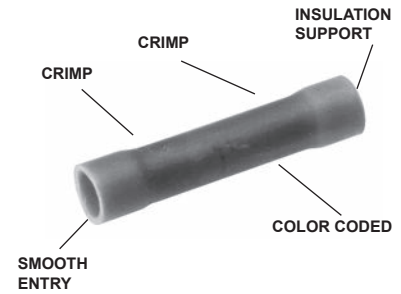
**TYPE SP**

**VINYLINK™**

Splice, Polyvinylchloride Insulated

600 Volts Max., 105° C Max.

The Type SP VINYLINK™ is a PVC insulated seamless butt splice. Type SP VINYLINK™ is designed to accommodate a broad range of 600 volt cables.

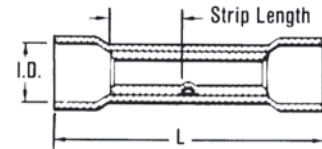


B-47



**Features & Benefits**

- Manufactured from seamless electrolytic copper tubing
  - ◇ Provides maximum conductivity and tensile strength, in a high quality design with NO seams to split
- Funnel entry
  - ◇ Provides easy wire insertion
- Electro-tin plated
  - ◇ Provides durable long lasting resistance to corrosion



- Expanded insulation support
  - ◇ Lower inventory requirements
- Red wire range of 22-16
  - ◇ Lower inventory requirements
- Vinyl insulator
  - ◇ Economical means of providing high dielectric values and cable insulation support

Catalog Number	Wire Range	Color Code	Bulk Catalog Number	Dimensions (Inches)		Installation Tooling	Wire Strip Length
				L Max.	Max Insul. Dia		
SP16	22 - 16	Red	BS16	1.00	0.15	Non-Ratchet: Y10-22 Ratchet: MRE1022NV MR8G-98 MR15 MR8-89-1	1/4"
SP14	16 - 14	Blue	BS14	1.00	0.18	Non-Ratchet: Y10-22 Ratchet: MRE1022NV MR8G-98 MR15 MR8-89-1	1/4"
SP10	12 - 10	Yellow	BS10	1.23	0.26	Non-Ratchet: Y10-22 Ratchet: MRE1022NV MR8G-98 MR15 MR8-89-1	21/64"

## TYPE SN

B-48

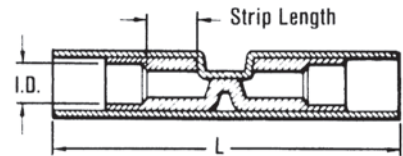
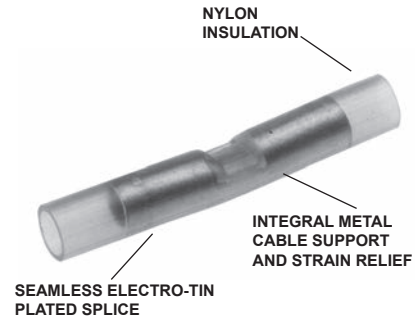
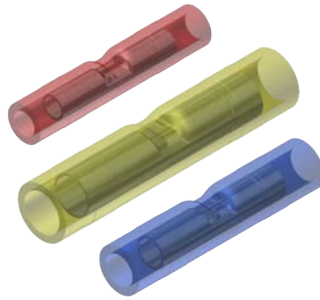
### INSULINK™

Butt Splice, Nylon Insulated

600 Volts Max., 105° C Max.

The Type SN INSULINK™ is a high quality nylon-insulated butt splice designed to meet heavy duty application requirements.

Meets the functional requirements of MIL-T-7928 (ASG) and conforms to the requirements of NAS1388.



### Features & Benefits

- Manufactured from seamless tubing
  - ◊ A high quality design with no seams to split
- Pure electrolytic copper
  - ◊ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Electro-tin plated
  - ◊ Provides durable long-lasting resistance to corrosion
- Positive center wire stops
  - ◊ Provides for proper depth of wire insertion
- Color-coded in red, blue and yellow
  - ◊ Provides easy wire size identification
- Manufactured from one-piece tin-plated seamless copper tubing with an integral barrel/insulation grip
  - ◊ Provides maximum tensile strength, plus excellent cable support and strain relief and eliminates failures due to vibration
- Smooth funnel entry
  - ◊ Provides easy wire insertion
- Window position locator for full cycle ratchet tool crimp
  - ◊ Provides proper tool/connector alignment for correct crimp
- Nylon insulation offers high dielectric strength and stability in oily environmental conditions
  - ◊ Maintains a high quality connection in demanding applications
- The nylon is locked into position
  - ◊ The connector will not move

Catalog Number	Wire Range	Color Code	Bulk Catalog Number	L Max.	Max Insul Dia	Installation Tooling	Wire Strip Length
SN18	22 - 18	Red	YSE18HN	1.25	0.12	Plier: Y10D Y1022 Ratchet: MRE1022NV MR8-83 MR18	15/64"
SN14	16 - 14	Blue	YSE14HN	1.25	0.15	Plier: Y10D Y1022 Ratchet: MRE1022NV MR8-83 MR18	7/32"
SN10	12 - 10	Yellow	YSE10HN	1.64	0.22	Plier: Y10D Y1022 Ratchet: MRE1022NV MR8-83 MR18	3/8"

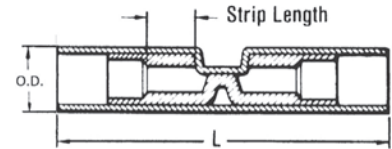
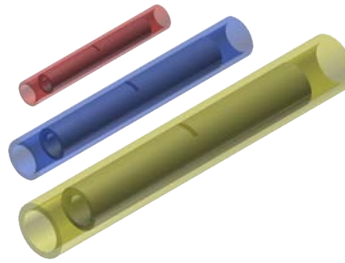
**TYPE SN-B**

**HYDENT™**

Butt Splice, Nylon Insulated

600 Volts Max., 105° C Max.

The Type SN-B INSULINK™ is a high quality nylon-insulated butt splice.



B-49

**Features & Benefits**

- Tin plated copper brazed butt seam
- Smooth funnel entry provides easy wire insertion
- Nylon insulation offers high dielectric strength and stability

Catalog Number	Wire Range	Color Code	L	OD	Installation Tooling	Wire Strip Length
SN18B	22 - 18 AWG	Red	1.25	0.12	Y10D Y1022 MRE1022NV MR8-85	15/64"
SN14B	16 - 14 AWG	Blue	1.25	0.15	Y10D Y1022 MRE1022NV MR8-85	7/32"
SN10B	12 - 10 AWG	Yellow	1.64	0.22	Y10D Y1022 MRE1022NV MR8-85	3/8"

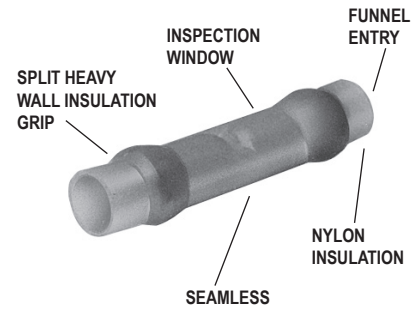
## TYPES YSE BOX, YSE-H BOX

B-50

### INSULINK™

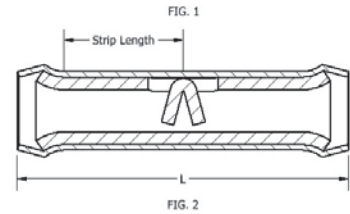
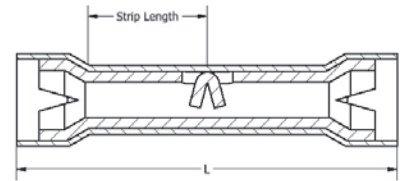
600 Volts Max., 105° C Max.

The Types YSE and YSE-H INSULINK™ splices are high quality nylon insulated designed for splicing aircraft and commercial flexible cables.



### Features & Benefits

- Manufactured from tin plated, seamless electrolytic copper tubing with integral barrel/insulation grip
  - ◊ Provides maximum conductivity and tensile strength, plus excellent cable support and strain relief
- Split heavy wall insulation grip
  - ◊ Provides stronger insulation grip and strain relief
- Smooth funnel entry
  - ◊ Provides easy wire insertion
- Transparent nylon insulation
  - ◊ Permits easy wire inspection



Catalog Number	Figure	Wire Range (Code, AWG, Aircraft, AN)	Color Code	Bulk Catalog Number	L Max.	Max Dia. Insul.	Installation Tooling	Wire Strip Length
YSE18H-BOX	1	22 - 18	Red	YSE18H	1.22	0.12	Y10D Y1022 Ratchet: MRE1022NV MR8-33T-1	9/32"
YSE14H-BOX	1	16 - 14	Blue	YSE14H	1.36	0.15	Y10D Y1022 Ratchet: MRE1022NV MR8-33T-1	11/32"
YSE10-BOX	2	12 - 10	Yellow	YSE10	1.15	0.21	Y10D Y1022 Ratchet: MRE1022NV MR8-33T-1	23/64"

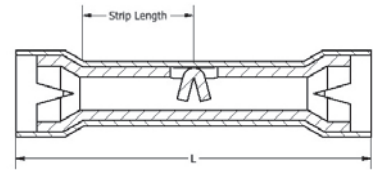
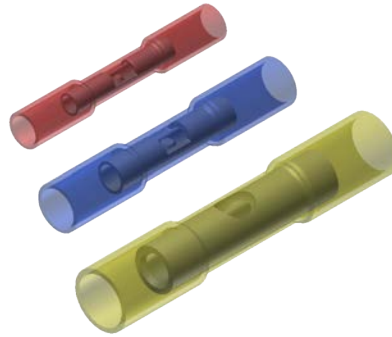


**TYPE YSE-HHS**

**HYDENT™**

**Heat Shrink Butt Splices**

Heat shrink butt connectors are color-coded to industry standard wire range. Heat shrink protects against corrosion.



B-51

**Features & Benefits**

- Manufactured from tin plated, seamless electrolytic copper tubing with integral barrel.
  - ◇ Provides maximum conductivity and tensile strength, plus excellent cable support and strain relief.
- Smooth funnel entry.
  - ◇ Provides easy wire insertion.
- Transparent heat shrink insulation.
  - ◇ Provides waterproofing and weather resistance.

Catalog Number	Wire Range	L	W	Installation Tooling	Wire Strip Length
YSE18HHS	18 - 22	1.50	0.17	Y10D, Y1022 MR8-33T-1	9/32"
YSE14HHS	16 - 14	1.50	0.20	Y10D, Y1022 MR8-33T-1	11/32"
YSE10HHS	12 - 10	1.60	0.25	Y10D, Y1022 MR8-33T-1	23/64"

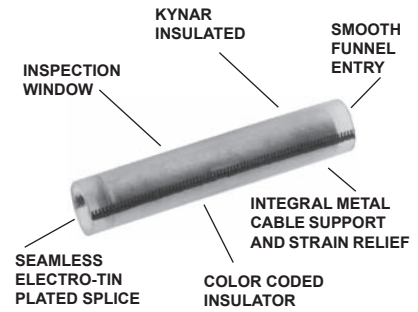
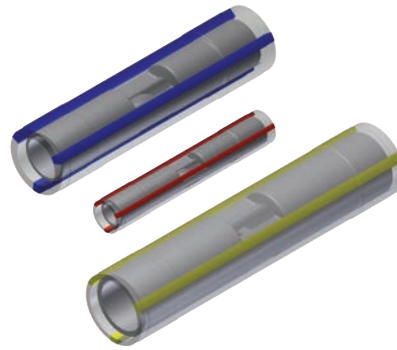
## TYPE YSES-K

B-52

### INSULINK™

Radiation Resistant Insulated Butt Splice, Polyvinylidene Flouride (PVF2) Insulated

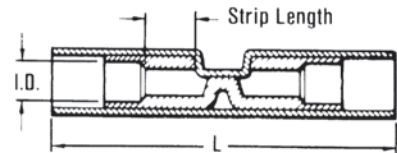
200 Megarads - 60° C  
Through 150° C, 600 Volts



The Type YSES-K radiation resistant insulated splices are suitable for class 1E applications plus non critical nuclear associated applications. The splice is manufactured from pure electrolytic copper seamless tubing which eliminates potential splitting of seams. A color code stripe is used for wire size identification and a window is provided for inspection of proper wire insertion.

### Features & Benefits

- These insulated splices are suitable for class 1E applications
- Pure electrolytic copper seamless tubing eliminates potential splitting of seams
- Color coded stripe identifies wire size
- Window is provided for inspection of proper wire insertion
- Suitable for 200 Megarads Rated 60°C - 150°C
- 600 Volt rated



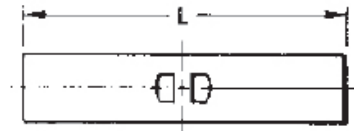
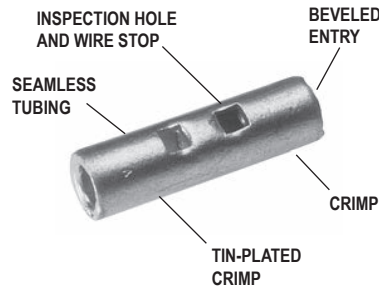
Catalog Number	Wire Range	Color Stripe	Dimension Max. Insul. Dia. Accom.	L Max.	Installation Tooling	Wire Strip Length
YSES18K	22-18	Red	0.11	1.00	Ratchet Tool: MR10G8 Red Groove Calibration Gauge: PG-373-1 Crimp ID Mark: (1) Small Dot	3/16"
YSES14K	16-14	Blue	0.15	1.00	Ratchet Tool: MR10G8 Blue Groove Calibration Gauge: PG-371-1 Crimp ID Mark: (2) Small Dots	3/16"
YSES10K	12-10	Yellow	0.21	1.38	Ratchet Tool: MR10G8 Yellow Groove Calibration Gauge: PG-372-1 Crimp ID Mark: (1) Large Dot	7/16"

TYPE YSV

HYLINK™

Uninsulated Butt Splice

HYLINK™ Type YSV seamless splice connector is used to splice stranded and solid copper conductors in virtually all heavy duty industrial and general purpose applications.



B-53

Features & Benefits

- Manufactured from seamless tubing
  - ◊ A high quality design with no seams to split
- Electrolytic copper
  - ◊ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Electro-tin plated
  - ◊ Provides durable long lasting resistance to corrosion
- Positive center wire stops
  - ◊ Provides proper depth of wire insertion
- Marked with wire size
  - ◊ Provides easy wire size identification
- The HYLINK™ splice connectors have inspection holes
  - ◊ Provides easy visual inspection for proper wire insertion

Catalog Number	Wire Range	L	Bulk Catalog Number	Installation Tooling	Wire Strip Length
YSV18BOX	22 - 18	0.62	YSV18	Non-Ratchet: Y10D, Y1022 Ratchet: MRE1022B, MR20, Y8MRB-1, MR8-9Q*, MR8-G98	1/4"
YSV14BOX	20 - 14	0.64	YSV14	Non-Ratchet: Y10D, Y1022 Ratchet: MRE1022B, MR20, Y8MRB-1, MR8-9Q*, MR8-G98	1/4"
YSV10BOX	12 - 10	0.75	YSV10	Non-Ratchet: Y10D, Y1022 Ratchet: MRE1022B, MR20, Y8MRB-1, MR8-9Q*, MR8-G98	5/16"

\* Remove stop plate.

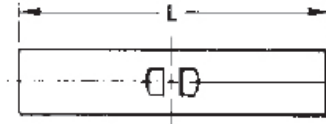
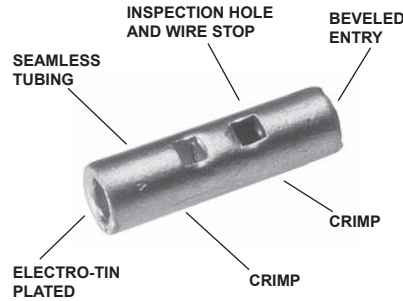
TYPE YSV-L

B-54

HYLINK™

Uninsulated Butt Splice  
#8 Through 4/0 Copper

HYLINK™ Type YSV-L seamless splice connector is used to splice Type AN aircraft cables plus commercial stranded and solid AWG conductors. Suitable for aircraft, light duty industrial and general purpose applications.



Features & Benefits

- Manufactured from seamless tubing
  - ◇ A high quality design with no seams to split
- Electrolytic copper
  - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Electro-tin plated
  - ◇ Provides durable long lasting resistance to corrosion
  - ◇ Provides proper depth of wire insertion
- Marked with wire size
  - ◇ Provides easy wire size identification
- The HYLINK™ splice connectors have inspection holes
  - ◇ Provides easy visual inspection for proper wire insertion



Catalog Number	Wire Range Aircraft-AN Comm'I-AWG Str. & Sol.	Dimensions L	Bulk Catalog Number	Installation Tooling			Wire Strip Length	
				Ratchet	HYTOOL™ **	HYPRESS™ • Y35, Y35BH, Y39, Y39BH*		
						Nest		Indentor
YSV8C-LBOX	8 AWG	1.00	YSV8CL	MR89Q, Y8MRB-1, Y1MRTC	MY28 (for Type AH Aircraft Cable); All others: MY29-3, MY29-11 1 Crimp	UV8L	Y34PL	7/16"
YSV6C-LBOX	6 AWG	1.12	YSV6CL	Y1MRTC, MR4C		UV6L	Y34PLA	5/8"
YSV4C-LBOX	4 AWG	1.12	YSV4CL	Y1MRTC, MR4C		UV4L	Y34PLA	5/8"
YSV2C-LBOX	2 AWG	1.41	YSV2CL	Y1MRTC		UV2L	Y34PLA	5/8"
YSV1C-LBOX	1 AWG	1.46	YSV1CL	—		UV1L	Y34PLA	5/8"
YSV25-LBOX	1/0 AWG	1.53	YSV25L	—		UV25L	Y34PA	11/16"
YSV26-LBOX	2/0 AWG	1.78	YSV26L	—		UV26L	Y34PA	13/16"
YSV27-LBOX	3/0 AWG	1.81	YSV27L	—		UV27L	Y34PA	13/16"
YSV28-LBOX	4/0 AWG	1.94	YSV28L	—		UV28L	Y34PA	7/8"

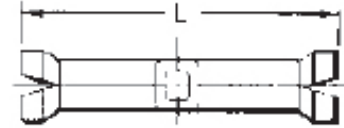
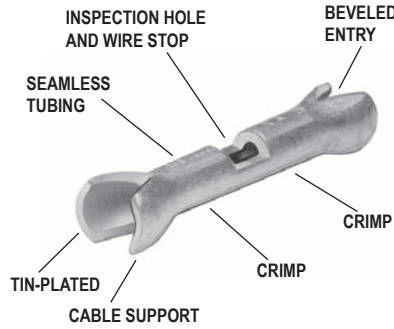
\* Remove stop plate  
 • Use Y35P3 Indentor Adaptor.  
 \*\* Bench Mount Adaptor - Cat. No. BMY-BCH-MT is available for Type MY HYTOOLS™.

**TYPE YSV-H**

**HYLINK™**

Uninsulated Butt Splice with Cable Strain Relief

The Type YSV-H HYLINK™ seamless splice connector has the added benefit of an insulation support and cable strain relief.



B-55



**Features & Benefits**

- Manufactured from seamless tubing
  - ◇ A high quality design with no seams to split
- Electrolytic copper
  - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Electro-tin plated
  - ◇ Provides durable long lasting resistance to corrosion
- Positive center wire stops
  - ◇ Provides proper depth of wire insertion
- Marked with wire size
  - ◇ Provides easy wire size identification
- The HYLINK™ splice connectors have inspection holes
  - ◇ Provides easy visual inspection for proper wire insertion

Catalog Number	Wire Range	L	Bulk Catalog Number	Installation Tooling	Wire Strip Length
YSV18-HBOX	22 - 18	0.89	YSV18H	MRE1022B MR8-9Q* MR8-G98	1/4"
YSV14-HBOX	20 - 14	0.94	YSV14H		1/4"
YSV10-HBOX	12 - 10	1.06	YSV10H		5/16"

\* Remove stop plate.

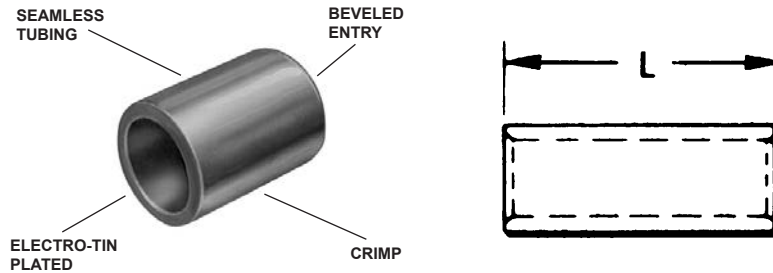
TYPE YSM

B-56

HYLINK™

Uninsulated Parallel Splice

HYLINK™ Type YSM seamless parallel splice connector permits wires to be laid parallel inside the connector and spliced together with the BURNDY family of HYTOOL™ installation tooling. Each YSM connector accommodates a wide combination of round, square, and rectangular copper conductors that have a total combined circular mil area listed in the table below. The conductors to be spliced must physically fit within title splice without being forced.



Features & Benefits

- Seamless tubing
- Beveled barrel for ease of wire entry
- Tin plated
- Parallel design results in only one crimp
- Uninsulated barrel provides an economical termination solution when insulation is not specified

Catalog Number	Circular Mil. Range	Dim. L	Installation Tooling						Wire Strip Length
			Ratchet	Mechanical HYTOOL™	Y29B		HYPRESS™ Y35BH, Y39BH*		
					Nest	Indentor	Nest	Indentor	
YSM18	300 - 1,909	0.25	MR8-9Q*	—	—	—	—	—	5/16
YSM14	477 - 4,107	0.25	Y14MRQ Y8MRB-1	—	—	—	—	—	5/16
YSM10	4,107 - 10,380	0.36	MR8-9Q* MR4CQ Y10MRQ Y8MRB-1	—	—	—	—	—	7/16
YSM8C	6,088 - 16,864	0.41	Y2MR MR4CQ MR8-9Q*	MY29-11 or MY28 (1) Crimp	DV8L-1	Y29PQ	UV8L	Y29PQ	1/2
YSM6C	10,380 - 26,813	0.44	Y2MR		DV6L	Y29PQ	UV6L	Y29PQ	1/2
YSM4C	26,813 - 42,613	0.50	MR4CQ		DV4L	Y29PQ	UV4L	Y29PQ	9/16
YSM2C	42,613 - 66,832	0.62	Y2MR		DV2L	Y29PQ	UV2L	Y29PQ	11/16
YSM1C	66,832 - 81,807	0.62	—		DV1L	Y29PQ	UV1L	Y29PQ	11/16
YSM25	81,807 - 104,110	0.69	—		DV25L	Y29PQ-6	UV25L	Y29PQ-6	3/4
YSM26	104,110 - 133,650	0.81	—		DV26L	Y29PQ-6	UV26L	Y29PQ-6	7/8
YSM27	133,650 - 167,332	0.81	—		DV27L	Y29PQ-6	UV27L	Y29PQ-6	7/8
YSM28	167,332 - 211,954	0.88	—		DV28L	Y29PQ-6	UV28L	Y29PQ-6	5/16

\* Remove stop plate.

Wire Size	Area Cir. Mils.	Solid Wire Dia. (In.)	Concentric Str. Max. Dia. (In.)
30	100.5	0.010003	0.012
29	126.7	0.01126	—
28	159.8	0.01264	0.015
27	201.5	0.01420	—
26	254.1	0.01594	0.019
25	320.4	0.01790	—
24	404.0	0.02010	0.024
23	509.5	0.02257	—
22	642.4	0.02535	0.030
21	810.1	0.02845	—
20	1022	0.03196	0.038
19	1288	0.03589	—
18	1624	0.04030	0.0460
17	2048	0.04526	—
16	2583	0.05082	0.0585
15	3257	0.05707	—
14	4107	0.06408	0.0735

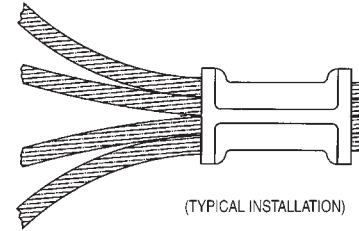
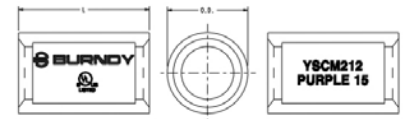
Wire Size	Area Cir. Mils.	Solid Wire Dia. (In.)	Concentric Str. Max. Dia. (In.)	Flex. Bunch or Rope Lay Dia. (In Approx.)
13	5178	0.07196	—	—
12	6530	0.08081	0.0931	0.101
11	8234	0.09074	—	—
10	10380	0.1019	0.117	0.126
9	13090	0.1144	0.132	0.146
8	16510	0.1285	0.148	0.157–0.162
7	20820	0.1433	0.166	0.179–0.196
6	26250	0.1620	0.186	0.207–0.215
5	33100	0.1819	0.209	0.235–0.240
4	41740	0.2043	0.235	0.263–0.269
3	52640	0.2294	0.264	0.219–0.305
2	66370	0.2576	0.297	0.319–0.337
1	83690	0.2893	0.333	0.367–0.376
1/0	105500	0.3249	0.374	0.441–0.423
2/0	133100	0.3648	0.420	0.500–0.508
3/0	167800	0.4096	0.472	0.549–0.576
4/0	211600	0.4600	0.530	0.613–0.645

TYPE YSCM

HYLINK™

Color-Coded  
Uninsulated Parallel Splice

Type YSCM HYLINK™ seamless parallel splice connectors permit stranded wires to be laid parallel inside the connector and spliced together with BURNDY® compression tools. Each YSCM connector accommodates a wide range of conductors and is color-coded to ensure proper tool and die match. YSCM connectors are cULus Listed Wire Connectors per UL 486A/B.



Additionally, they are cULus Listed for Grounding and Bonding per UL 467 and rated for direct burial in Earth and Concrete.



B-57

Catalog Number	Conductor Range Cable‡		Dimensions Inches [mm]		Color Code	Die Index	Recommended Installation Tooling		Wire Strip† Length
	Circular Mils		L ±.03	O.D. ±.01			OUR840, Y500CTHS, PAT60018V Series	Y35, Y750, PAT750 Series	
	Min.	Max.							
YSCM17	13,060	16,910	0.5 [13]	0.27 [7]	Red	49	X8CRT, W8CRT	U8CRT	11/16
YSCM27	16,910	26,890	0.5 [13]	0.31 [8]	Blue	7	X5CRT, W5CRT	U5CRT	11/16
YSCM42	29,970	41,520	0.5 [13]	0.38 [10]	Gray	8	X4CRT, W4CRT	U4CRT	11/16
YSCM66	42,750	66,040	0.62 [16]	0.47 [12]	Brown	10	X2CRT, W2CRT	U2CRT	3/4
YSCM80	67,980	80,020	0.62 [16]	0.52 [13]	Green	11	X1CRT-1, W1CRT-1	U1CRT-1	3/4
YSCM104	82,870	103,630	0.69 [18]	0.57 [14]	Pink	12	X25RT, W25RT	U25RT	15/16
YSCM133	104,960	133,220	0.81 [21]	0.64 [16]	Black	13	X26RT, W26RT	U26RT	1-1/16
YSCM167	134,340	166,560	0.81 [21]	0.7 [18]	Orange	14	X27RT, W27RT	U27RT	1-1/16
YSCM212	167,380	211,820	0.88 [22]	0.78 [20]	Purple	15	X28RT, W28RT	U28RT	1-1/16
YSCM231	230,800	230,800	1.05 [27]	0.8 [21]	Yellow	16	X29RT, W29RT, *	U29RT	1-1/16

**Notes:**  
 Material: Copper per ASTM B75.  
 Finish: Tin plated. For nickel plating, add suffix "NK" to the Catalog Number.  
 Dimensions in brackets [ ] are in millimeters rounded off to the nearest millimeter, unless otherwise noted, and are for reference only.  
 †Recommended strip length. Strip length dependent on size, no. of wires and insulation thickness.  
 ‡Refer to Circular Mil Table per ASTM B8 for total Class B Circular Mil calculations.  
 \*YSCM231 can also be installed with MY29-3 and retain Listings.

**Add the circular mils of the wires you wish to splice; that sum would be used to determine the correct splice using the Min/Max columns on the table above.**

**The tables to the right are for reference only.**

Size		ASTM Strandings	
Circular Mils	AWG	Class	Cable Diameter (in)
1,022	20	B	0.036
1,624	18	B	0.045
2,583	16	B	0.057
4,107	14	B	0.072
6,530	12	B	0.091
10,380	10	B	0.116
13,090	9	B	0.130
16,510	8	B	0.146
20,820	7	B	0.164
26,250	6	B	0.184
33,100	5	B	0.206
41,740	4	AA	0.254
41,740	4	B & A	0.232
52,630	3	AA	0.285
52,630	3	B & A	0.260

Size		ASTM Strandings	
Circular Mils	AWG	Class	Cable Diameter (in)
66,370	2	AA	0.320
66,370	2	B & A	0.292
83,690	1	AA	0.360
83,690	1	A	0.328
83,690	1	B	0.332
105,500	1/0	A & A	0.368
105,500	1/0	-	0.390
105,500	1/0	B	0.373
133,100	2/0	A & A	0.414
133,100	2/0	-	0.438
133,100	2/0	B	0.419
167,800	3/0	A & A	0.464
167,800	3/0	-	0.492
167,800	3/0	B	0.470
211,600	4/0	A & A	0.522
211,600	4/0	-	0.522
211,600	4/0	B	0.528



## TYPES YSV, YRV-L

B-58

### HYREDUCER™

#### Reducer Butt Splice

The HYREDUCER™ is a connector for splicing two different size wires. The larger conductor is inserted first and butts against the center of the connector where the smaller barrel begins. Constructed of pure electrolytic copper tubing for maximum conductivity, tin plated to resist corrosion, the HYREDUCER™ accommodates a wide range of cable sizes. Dimensional information may be found in Table 1. Table 2 is a comprehensive tooling index for these connectors.

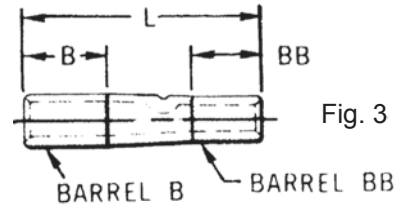
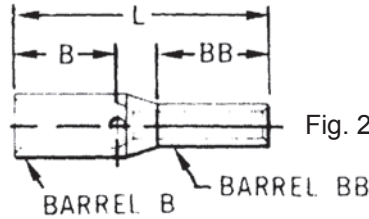
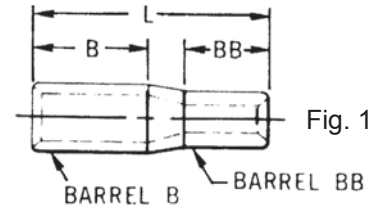


TABLE 1

Catalog Number	Total Wire Range	Fig. No.	B Barrel*			BB Barrel*			L Max.
			Wire Size	B Dim.	Tool Index	Wire Size	BB Dim.	Tool Index	
YSV1418	22 - 14	1	20 - 14	0.27	1	22 - 18	0.27	2	0.60
YSV1214-G1	16 - 12	2	12	0.31	4	16 - 14	0.27	1	0.81
YSV1014-G2	20 - 10	2	12 - 10	0.31	4	20 - 14	0.27	1	0.77
YRV8CV14-L	20 - 8	3	8	0.44	5	20 - 14	0.39	1	1.16
YRV8CV10-L	12 - 8	3	8	0.44	5	12 - 10	0.53	4	1.15
YRV6CV10-L	12 - 6	3	6	0.50	6	12 - 10	0.53	4	1.25
YRV6CV8C-L	8 - 6	3	6	0.50	6	8	0.53	5	1.18
YRV4CV6C-L	6 - 4	3	4	0.50	7	6	0.54	6	1.24
YRV2CV6C-L	6 - 2	3	2	0.62	8	6	0.51	6	1.60

\* B and BB dimensions are wire strip lengths.

TABLE 2

### TOOL INDEX

Index Number	Hand Tools	Tools With Dies	
		Y29NC	
1	MR8G98 Y8MRB-1 MR8-9Q† MR20	—	
2		—	
4		—	
5	Y8MRB-1 MY28 MR4C Y1MRTC	Nest	Indentor
		DV8L-1*	Y29PL
6	MY28 MR4C Y1MRTC	DV6L	Y29PL
7	MY28 MR4C Y1MRTC	DV4L	Y29PL
8	Y1MRTC MY28	DV2L	Y29PL

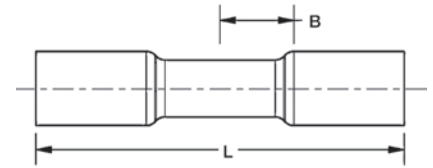
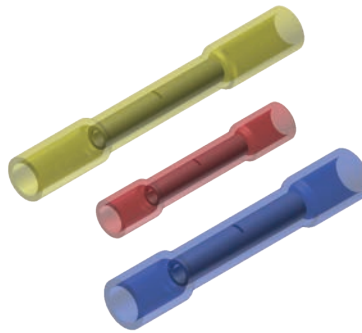
\* For aircraft applications (flexible cables).

TYPE YHSS

HYDENT™ HEAT SHRINK BUTT SPLICES

For Use On Copper Conductor

Standard crimp terminals leave the wire exposed allowing in moisture or other contaminants which can result in corrosion. Corrosion reduces the amount of current the wire can carry safely. The integrity of the electrical system can be compromised when unsealed electrical connections are utilized. Heat shrink terminals provide a durable seal blocking out contaminants ensuring a better connection.



B-59

Features & Benefits

- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance
- Wire strip length 5/16"

Catalog Number (100/bag)	Catalog No. (20/bag)	Conductor Size	Dimensions	
			B	L
YHSS18	YHSS18RK	22 - 18 AWG	0.25"	1.50"
YHSS14	YHSS14RK	16 - 14 AWG	0.25"	1.50"
YHSS10	YHSS10RK	12 - 10 AWG	0.25"	1.60"

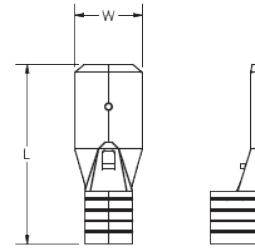
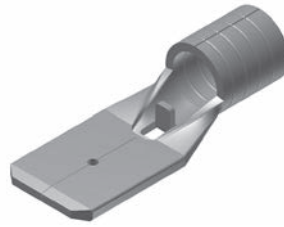
Recommended Tooling MR22

## TYPE Q-M FINGRIP™

B-60

### NON-INSULATED MALE QUICK DISCONNECTS

Material: Tin-Plated Brass



Non Insulated Quick disconnects allows for quickly connecting or disconnecting a terminal. The front end of the terminal has a female-type receptacle which allows the terminal to slide onto and off of a male blade.

#### Features & Benefits

- Butted seam
- Chamfered barrel opening
  - ◇ Assures quick and easy wire insertion
- Mates with dimpled female socket detent
  - ◇ Ensures firm grip

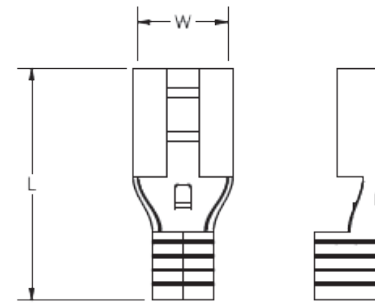
Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length	Bulk Catalog Number
Q18M11X02D	18 - 22	0.110 X 0.020	0.66	0.110	MRE1022B MR20 Y10D Y1022	3/8"	—
Q18M18X02D	18 - 22	0.187 X 0.020	0.66	0.187	MRE1022B MR20 Y10D Y1022	3/8"	Q18M18X02B
Q18M25X03D	18 - 22	0.250 X 0.032	0.66	0.250	MRE1022B MR20 Y10D Y1022	3/8"	Q18M25X03B
Q14M18X02D	14 - 16	0.187 X 0.020	0.66	0.187	MRE1022B MR20 Y10D Y1022	3/8"	Q14M18X02B
Q14M25X03D	14 - 16	0.250 X 0.032	0.66	0.250	MRE1022B MR20 Y10D Y1022	3/8"	Q14M25X03B
Q10M25X03D	12 - 10	0.250 X 0.032	0.66	0.250	MRE1022B MR20 Y10D Y1022	3/8"	—

**TYPE Q-F FINGRIP™**

**NON-INSULATED FEMALE  
QUICK DISCONNECTS**

Material: Tin-Plated Brass

Non Insulated Quick disconnects allows for quickly connecting or disconnecting a terminal. The front end of the terminal has a female-type receptacle which allows the terminal to slide onto and off of a male blade.



B-61

**Features & Benefits**

- Butted seam
- Chamfered barrel opening
  - ◇ Assures quick and easy wire insertion
- Dimpled female socket detent
  - ◇ Ensures firm grip

Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tooling	Wire Strip Length	Bulk Catalog Number
Q18F11X02D	18 - 22	0.110 x 0.020	0.66	0.110	MRE1022B Y10D MR20	3/8"	—
Q18F18X02D		0.187 x 0.020		0.187			Q18F18X02B
Q18F25X03D		0.250 x 0.032		0.250			Q18F25X03B
Q14F11X02D	14 - 16	0.110 x 0.020		0.110			Q14F11X02B
Q14F18X02D		0.187 x 0.020		0.187			Q14F18X02B
Q14F25X03D		0.250 x 0.032		0.250			Q14F25X03B
Q10F11X02D	12 - 10	0.110 x 0.020		0.110			—
Q10F18X02D		0.187 x 0.020		0.187			—
Q10F25X03D		0.250 X 0.032		0.250			Q10F25X03B

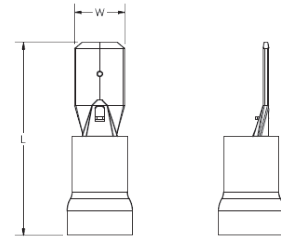
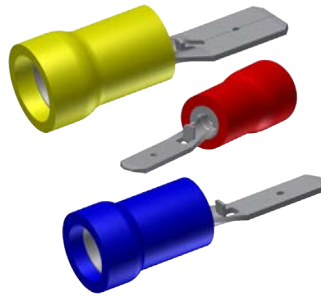
## TYPE QP-M FINGRIP™

B-62

### VINYL INSULATED MALE QUICK DISCONNECTS

Material: Tin-Plated Brass

600 Volts Max., 105° C Max.



Vinyl Insulated Quick disconnects allows for quickly connecting or disconnecting a terminal. The front end of the terminal has a female-type receptacle which allows the terminal to slide onto and off of a male blade.

### Features & Benefits

- Butted seam
- Funnel entry barrel opening
  - ◇ Assures quick and easy wire insertion
- Mates with dimpled female socket detent
  - ◇ Ensures firm grip



Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length	Bulk Catalog Number
QP18M11X02D	18 - 22	0.11 X 0.02	0.76	0.11	MRE1022NV Y1022 Y10D	3/8"	—
QP18M18X02D		0.19 X 0.02	0.76	0.19			QP18M18X02B
QP18M25X03D		0.25 X 0.03	0.84	0.25			QP18M25X03B
QP14M11X02D	14 - 16	0.11 X 0.02	0.76	0.11	MRE1022NV Y1022 Y10D	3/8"	—
QP14M18X02D		0.19 X 0.02	0.76	0.19			QP14M18X02B
QP14M25X03D		0.25 X 0.03	0.84	0.25			QP14M25X03B
QP10M25X03D	12 - 10	0.25 X 0.03	0.93	0.25	MRE1022NV Y1022 Y10D	3/8"	—

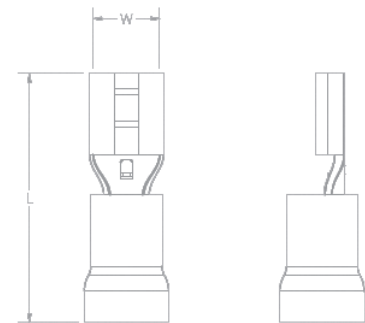
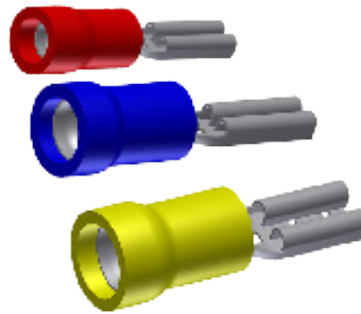
**TYPE QP-F FINGRIP™**

**VINYL INSULATED FEMALE QUICK DISCONNECTS**

Material: Tin-Plated Brass

600 Volts Max., 105° C Max.

Vinyl Insulated Quick disconnects allows for quickly connecting or disconnecting a terminal. The front end of the terminal has a female-type receptacle which allows the terminal to slide onto and off of a male blade.



**Features & Benefits**

- Butted seam
- Insulated connectors
  - ◊ Eliminate the need for post installation insulation
- Funnel entry barrel opening
  - ◊ Assures quick and easy wire insertion
- Dimpled female socket detent
  - ◊ Ensures firm grip

Catalog Number	Wire Range	NEMA Tab Size	L	W	Bulk Catalog Number	Installation Tool	Wire Strip Length
QP18F11X02D	16 - 22	0.11 X 0.02	0.75	0.11	—	MRE1022NV Y10D	3/8"
QP18F18X02D		0.19 X 0.02	0.79	0.22	QP18F18X02B		
QP18F25X03D		0.25 X 0.03	0.87	0.29	QP18F25X03B		
QP14F11X02D	14 - 16	0.11 X 0.02	0.75	0.11	—	MRE1022NV Y10D	3/8"
QP14F18X02D		0.19 X 0.02	0.79	0.23	QP14F18X02B		
QP14F25X03D		0.25 X 0.03	0.87	0.29	QP14F25X03B		
QP10F18X02D*	10 - 12	0.19X 0.02	0.98	0.29	QP10F18X02B	MRE1022NV Y10D	3/8"
QP10F25X03D		0.25 X 0.03	0.98	0.29	QP10F25X03B		
QP10F38X05D*		0.38 x 0.05	1.12	0.39	—		

\* Not cULus.

## TYPE FQP-F FINGRIP™

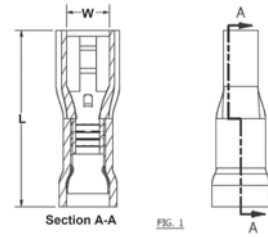
B-64

### VINYL FULLY INSULATED FEMALE QUICK DISCONNECTS

Material: Tin-Plated Brass

600 Volts Max., 105° C Max.

Vinyl Fully Insulated Quick disconnects allows for quickly connecting or dis-connecting a terminal. The front end of the terminal has a female-type receptacle which allows the terminal to slide onto and off of a male blade.



### Features & Benefits

- Fully insulated connectors
  - ◇ Eliminate the need for post installation insulation
- Funnel entry barrel opening
  - ◇ Assures quick and easy wire insertion
- Dimpled female socket detent
  - ◇ Ensures firm grip

Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length
FQP18F11X03D	18 - 22	0.11 x 0.03	0.79	0.11	MRE1022NV Y1022	3/8"
FQP18F18X02D		0.19 x 0.02	0.80	0.19		
FQP18F25X03D		0.25 x 0.03	0.90	0.25		
FQP14F11X03D	14 - 16	0.11 x 0.03	0.79	0.11	MRE1022NV Y1022	3/8"
FQP14F18X02D		0.19 x 0.02	0.80	0.19		
FQP14F25X03D		0.25 x 0.03	0.90	0.25		
FQP10F25X03D	10 - 12	0.25 x 0.03	0.97	0.25	MRE1022NV Y1022	3/8"



**TYPE QN-M FINGRIP™**

**NYLON INSULATED MALE QUICK DISCONNECTS**

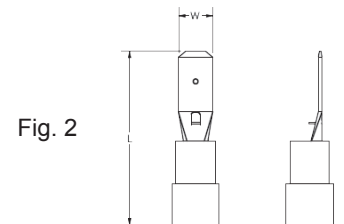
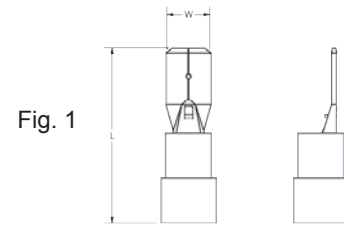
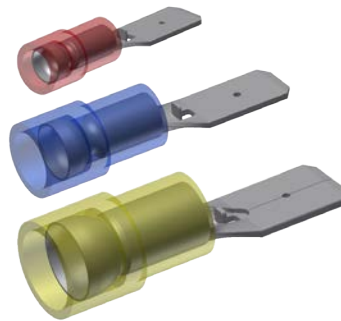
Material: Tin-Plated Brass

600 Volts Max., 105° C Max.

Nylon Insulated Quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a female-type receptacle which allows the terminal to slide onto and off of a male blade.

**Features & Benefits**

- Sleeved barrel
- Funnel entry barrel opening
  - ◊ Assures quick and easy wire insertion
- Mates with dimpled female socket detent
  - ◊ Ensures firm grip



B-65

Catalog Number	Figure Number	Wire Range	NEMA Tab Size	L	W	Installation Tool *	Wire Strip Length	Bulk Catalog Number
QN18M18X02D	2	18 - 22	0.19 X 0.02	0.80	0.19	MRE1022NV Y10D Y1022	3/8"	QN18M18X02B
QN18M25X03D	1		0.25 X 0.03	0.87	0.25			QN18M25X03B
QN14M18X02D	2	14 - 16	0.19 X 0.02	0.80	0.19	MRE1022NV Y10D Y1022	3/8"	QN14M18X02B
QN14M25X03D	1		0.25 X 0.03	0.87	0.25			QN14M25X03B
QN10M25X03D	1	12 - 10	0.25 X 0.03	0.95	0.25	MRE1022NV Y10D Y1022	3/8"	—

## TYPE QN-F FINGRIP™

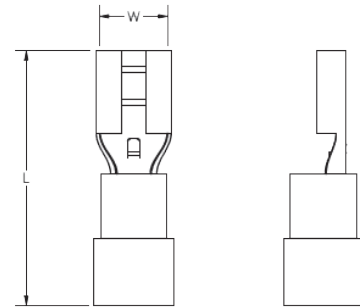
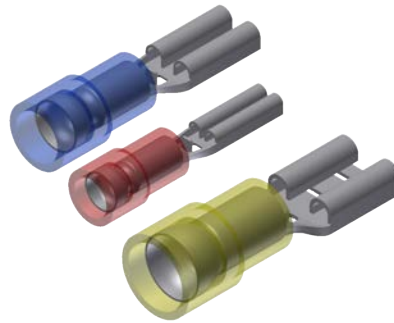
B-66

### NYLON INSULATED FEMALE QUICK DISCONNECTS

Material: Tin-Plated Brass

300 Volts Max., 105° C Max.

Insulated Quick disconnects allows for quickly connecting or disconnecting a terminal. The front end of the terminal has a female-type receptacle which allows the terminal to slide onto and off of a male blade.



### Features & Benefits

- Sleeved barrel
- Insulated connectors
  - ◊ Eliminate the need for post installation insulation
- Funnel entry barrel opening
  - ◊ Assures quick and easy wire insertion
- Dimpled female socket detent
  - ◊ Ensures firm grip



(Mates with Type QN-M Male Disconnects)

Standard Catalog Number	Std. Pkg. Qty	Wire Range	NEMA Tab Size	L	W	Installation Tool *	Wire Strip Length	Bulk Catalog Number	Bulk. Pkg. Qty.
QN18F11X02D	100	16 - 22	0.11 X 0.02	0.77	0.11	MRE1022NV Y10D Y1022	3/8"	QN18F11X02B	1000
QN18F18X02D			0.19 X 0.02	0.79	0.19			QN18F18X02B	
QN18F25X03D			0.25 X 0.03	0.87	0.25			QN18F25X03B	
QN14F11X02D	100	14 - 16	0.11 X 0.02	0.77	0.11	MRE1022NV Y10D Y1022	3/8"	QN14F11X02B	1000
QN14F18X02D			0.19 X 0.02	0.79	0.19			QN14F18X02B	
QN14F25X03D			0.25 X 0.03	0.87	0.25			QN14F25X03B	
QN10F18X02D*	50	12 - 10	0.19 X 0.02	0.87	0.19	MRE1022NV Y10D Y1022	3/8"	QN10F18X02B*	1000
QN10F25X03D			0.25 X 0.03	0.95	0.25			QN10F25X03B	

\* Not cULus.

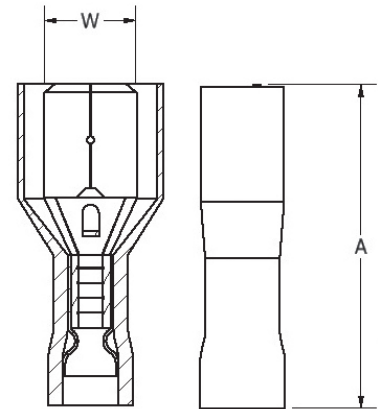
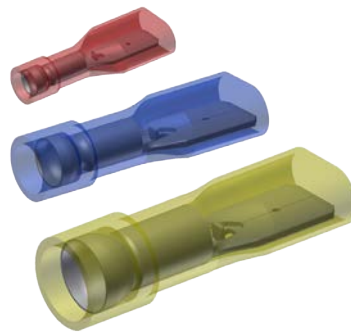
**TYPE FQN-M FINGRIP™**

**NYLON FULLY INSULATED MALE QUICK DISCONNECTS**

Material: Tin-Plated Brass

600 Volts Max., 105° C Max.

Nylon Fully Insulated Quick disconnects allows for quickly connecting or dis-connecting a terminal. The front end of the terminal has a female-type receptacle which allows the terminal to slide onto and off of a male blade.



B-67

**Features & Benefits**

- Fully insulated connectors
  - ◊ Eliminate the need for post installation insulation
- Funnel entry barrel opening
  - ◊ Assures quick and easy wire insertion
- Dimpled female socket detent
  - ◊ Ensures firm grip



Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool *	Wire Strip Length	Bulk Catalog Number
FQN18M18X02D*	18 - 22	0.19 X 0.02	0.88	0.19	MRE1022NV Y10D Y1022	3/8"	—
FQN18M25X03D	18 - 22	0.25 X 0.03	0.80	0.25			FQN18M25X03B
FQN14M18X02D*	14 - 16	0.19 X 0.02	0.80	0.19	MRE1022NV Y10D Y1022	3/8"	—
FQN14M25X03D	14 - 16	0.25 X 0.03	0.88	0.25			FQN14M25X03B
FQN10M25X03D	10 - 12	0.25 X 0.03	0.96	0.25	MRE1022NV	3/8"	FQN10M25X03B

\* Not cULus.

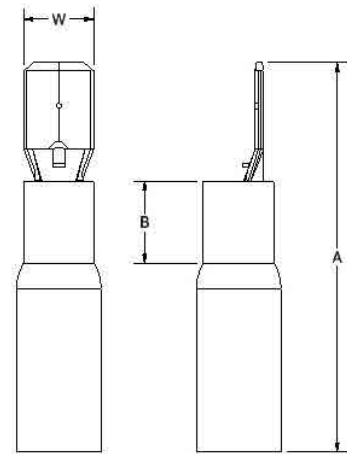
TYPE YHSQ-M

B-68

HYDENT™ HEAT SHRINK  
MALE QUICK DISCONNECTS

For Use on Copper Conductor

Standard crimp terminals leave the wire exposed allowing in moisture or other contaminants which can result in corrosion. Corrosion reduces the amount of current the wire can carry safely. The integrity of the electrical system can be compromised when unsealed electrical connections are utilized. Heat shrink terminals provide a durable seal blocking out contaminants ensuring a better connection.



Features & Benefits

- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance

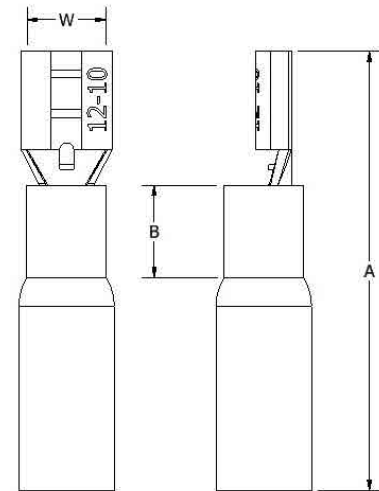
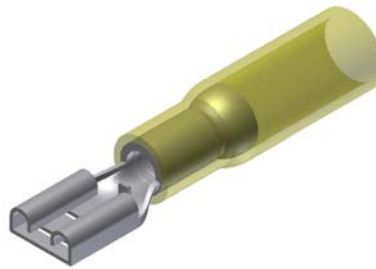
Catalog No. (100/bag)	Catalog No. (20/bag)	Conductor Size	NEMA Tab Size	Dimensions			Installation Tooling	Wire Strip Length
				B	W	A		
YHSQ18M25X03	YHSQ18M250X03RK	22-18 AWG	0.250 X 0.032	0.22	0.25	1.25	MR22	5/16"
YHSQ14M25X03	YHSQ14M25X03RK	16-14 AWG	0.250 X 0.032	0.22	0.25	1.25	MR22	5/16"
YHSQ10M25X03	YHSQ10M25X03RK	12-10 AWG	0.250 X 0.032	0.22	0.25	1.19	MR22	5/16"

TYPE YHSQ-F

HYDENT™ HEAT SHRINK  
FEMALE QUICK DISCONNECTS

For Use on Copper Conductor

Standard crimp terminals leave the wire exposed allowing in moisture or other contaminants which can result in corrosion. Corrosion reduces the amount of current the wire can carry safely. The integrity of the electrical system can be compromised when unsealed electrical connections are utilized. Heat shrink terminals provide a durable seal blocking out contaminants ensuring a better connection.



B-69

Features & Benefits

- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance

Catalog No. (100/bag)	Catalog No. (20/bag)	Conductor Size	Tab Size	Dimensions			Installation Tooling	Wire Strip Length
				B	W	A		
YHSQ18F11X02D	—	22-18 AWG	0.110 X 0.020	0.17	0.16	1.28	MR22	5/16"
YHSQ18F18X02D	—		0.187 X 0.020	0.17	0.23	1.28		
YHSQ18F25X03	YHSQ18F25X03RK		0.250 X 0.032	0.22	0.30	1.27		
YHSQ14F11X02D	—	16-14 AWG	0.110 X 0.020	0.17	0.16	1.28	MR22	5/16"
YHSQ14F18X02D	—		0.187 X 0.020	0.17	0.23	1.28		
YHSQ14F25X03	YHSQ14F25X03RK		0.250 X 0.032	0.22	0.30	1.27		
YHSQ10F25X03	YHSQ10F25X03RK	12-10 AWG	0.250 X 0.032	0.22	0.30	1.27	MR22	5/16"

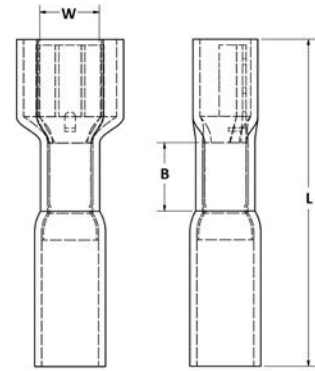
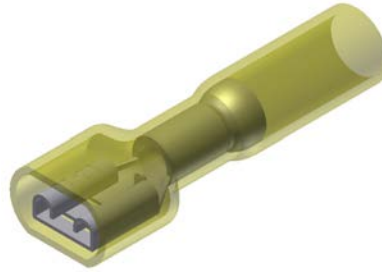
## TYPE YHSFQ-F

B-70

### HYDENT™ HEAT SHRINK FULLY INSULATED QUICK DISCONNECTS

For Use on Copper Conductor

Standard crimp terminals leave the wire exposed allowing in moisture or other contaminants which can result in corrosion. Corrosion reduces the amount of current the wire can carry safely. The integrity of the electrical system can be compromised when unsealed electrical connections are utilized. Heat shrink terminals provide a durable seal blocking out contaminants ensuring a better connection.



### Features & Benefits

- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance

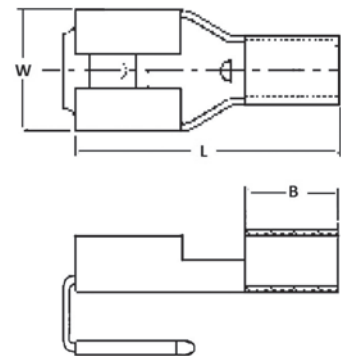
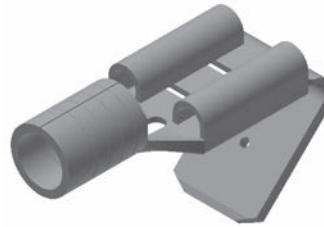
Catalog No. (100/bag)	Catalog No. (20/bag)	Conductor Size	NEMA Tab Size	Dimensions			Installation Tooling	Wire Strip Length
				B	W	L		
YHSFQ18F25X03	YHSFQ18F25X03RK	22-18 AWG	0.250 X 0.032	0.22	0.38	1.28	MR22	5/16"
YHSFQ14F25X03	YHSFQ14F25X03RK	16-14 AWG	0.250 X 0.032	0.22	0.38	1.28	MR22	5/16"
YHSFQ10F25X03	YHSFQ10F25X03RK	12-10 AWG	0.250 X 0.032	0.22	0.38	1.34	MR22	5/16"

**TYPE PG**

**MALE/FEMALE COMBINATION QUICK DISCONNECTS**

Material: Tin Plated Brass

Piggy-back connectors or piggy-back terminals are designed to allow for additional terminals to be connected.



B-71

**Features & Benefits**

- Sleeved Barrel
- Combination connector - allows for more than one connection to a circuit
- Funnel entry barrel opening - assures quick and easy wire insertion
- Dimpled female socket detent - ensure firm grip

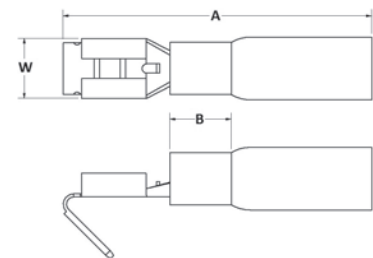
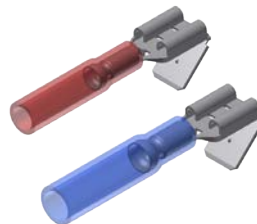
Catalog Number	Wire Range	NEMA Tab Size	B	L	W	Installation Tool	Wire Strip Length
PG1825X03D	22 - 18 AWG	0.250 X 0.032	0.17	0.79	0.25	MRE1022B, Y10D, Y10-22	3/8"
PG1425X03D	16 - 14 AWG	0.250 X 0.032	0.17	0.79	0.25	MRE1022B, Y10D, Y10-22	3/8"
PG1025X03D	12 - 10 AWG	0.250 X 0.032	0.27	0.89	0.25	MRE1022B, Y10D, Y10-22	3/8"

**TYPE PGHS**

**HEAT SHRINK COMBINATION DISCONNECT TERMINALS**

For Use on Copper Conductor

Standard crimp terminals leave the wire exposed allowing in moisture or other contaminants which can result in corrosion. Corrosion reduces the amount of current the wire can carry safely. The integrity of the electrical system can be compromised when unsealed electrical connections are utilized. Heat shrink terminals provide a durable seal blocking out contaminants ensuring a better connection.



**Features & Benefits**

- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance

Catalog Number	Wire Range	NEMA Tab Size	A	B	W	Installation Tool	Wire Strip Length
PGHS1825X03D	22 - 18 AWG	0.250 X 0.032	0.91	0.17	0.25	Y10D, Y1022, MR22	5/16"
PGHS1425X03D	16 - 14 AWG	0.250 X 0.032	0.91	0.17	0.25	Y10D, Y1022	5/16"

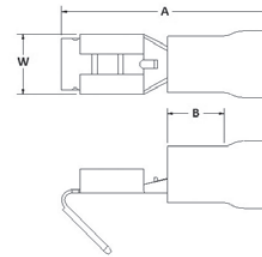


## TYPE PGP FINGRIP™

B-72

### VINYL MALE/FEMALE COMBINATION QUICK DISCONNECTS

Material: Tin-Plated Brass  
600 Volts Max. 105° C Max.



Piggy-back connectors or piggy-back terminals are designed to allow for additional terminals to be connected.

### Features & Benefits

- Sleeved barrel
- Combination connector
  - ◇ Allows for more than one connection to a circuit
- Funnel entry barrel opening
  - ◇ Assures quick and easy wire insertion
- Dimpled female socket detent
  - ◇ Ensures firm grip



Standard Catalog Number	Wire Range	NEMA Tab Size	A	B	W	Installation Tool*	Wire Strip Length	Bulk Catalog Number
PGP1825X03D	18 - 22	0.250 X 0.032	0.91	0.17	0.28	MRE1022NV Y1022	3/8"	PGP1825X03B
PGP1425X03D	14 - 16	0.250 X 0.032	0.91	0.17	0.28	MRE1022NV Y1022	3/8"	PGP1425X03B
PGP1025X03D	10 - 12	0.250 X 0.032	0.95	0.27	0.28	MRE1022NV Y1022	3/8"	PGP1025X03B

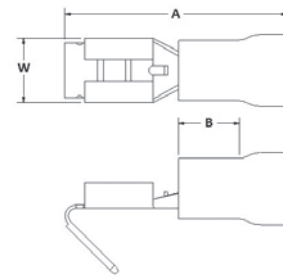
\* For UL Listed applications, consult BURNDY® factory.

**TYPE PGN FINGRIP™**

**NYLON COMBINATION  
DISCONNECT TERMINALS**

Material: Tin-Plated Brass  
600 Volts Max. 105° C Max.

Piggy-back connectors or piggy-back terminals are designed to allow for additional terminals to be connected.



B-73



**Features & Benefits**

- Sleeved barrel
- Combination connector
  - ◇ Allows for more than one connection to a circuit
- Funnel entry barrel opening
  - ◇ Assures quick and easy wire insertion
- Dimpled female socket detent
  - ◇ Ensures firm grip

Standard Catalog Number	Wire Range	NEMA Tab Size	A	B	W	Installation Tool*	Wire Strip Length	Bulk Catalog Number
PGN1825X03D	18 - 22	0.250 X 0.032	0.90	0.17	0.28	MRE1022NV Y10D	3/8"	PGN1825X03B
PGN1425X03D	14 - 16	0.250 X 0.032	0.90	0.17	0.28	MRE1022NV Y10D	3/8"	PGN1425X03B
PGN1025X03D	10 - 12	0.250 X 0.032	0.95	0.27	0.28	MRE1022NV Y10D	3/8"	PGN1025X03B

\* For UL Listed applications, consult BURNDY® factory.

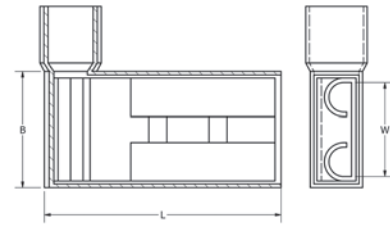
B-74

TYPE FLN FINGRIP™

NYLON FLAG-STYLE FEMALE QUICK DISCONNECT

Material: Tin-Plated Brass

Flag style female quick disconnects provide quick, reliable snap-together interconnections without the use of tools. Side entrance chamfer to permit connections of ninety degrees without bending the wire.



Features & Benefits

- Dimpled female socket detent
- ◇ Ensures firm grip

Catalog Number	Wire Range	NEMA Tab Size	L	B	W	Installation Tool	Wire Strip Length
FLN1825X03D	22 - 18	0.250 X 0.032	0.60	0.40	0.25	MRE1422FLN	3/8"
FLN1425X03D	16 - 14	0.250 X 0.032	0.63	0.40	0.25	MRE1422FLN	3/8"
FLN1025X03D*	12 - 10	0.250 X 0.032	0.64	0.40	0.25	MRE1422FLN	3/8"

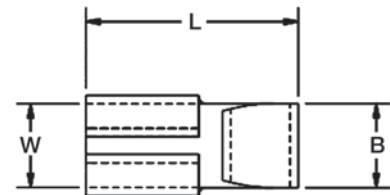
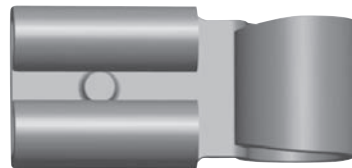
\* Not cULus.

TYPE FL FINGRIP™

FLAG-STYLE FEMALE QUICK DISCONNECT

Material: Tin-Plated Brass

Flag style female quick disconnects provide quick, reliable snap-together interconnections without the use of tools. Side entrance chamfer to permit connections of ninety degrees without bending the wire.



Features & Benefits

- Dimpled female socket detent
- ◇ Ensures firm grip

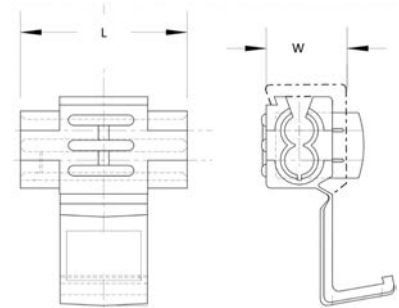
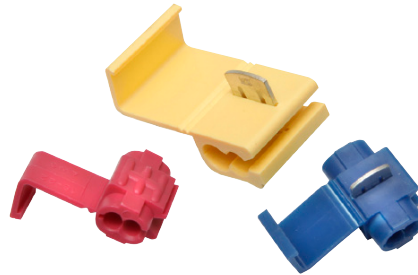
Catalog Number	Std. Pkg. Qty	Wire Range	NEMA Tab Size	L	B	W	Installation Tool	Wire Strip Length	Bulk Catalog Number	Bulk Pkg. Qty
FL1825X03D	100	18 - 22	0.250 x 0.032	0.67	0.17	0.25	BTH-450	3/8"	FL1825X03B	1000
FL1425X03D	100	14 - 16	0.250 x 0.032	0.67	0.17	0.25	BTH-450	3/8"	FL1425X03B	1000
FL1025X03D	50	10 - 12	0.250 x 0.032	0.67	0.17	0.25	BTH-450	3/8"	FL1025X03B	1000

**TYPE YAIT**

**QIKTAP™**

**QIKTAP™ Splices**

QIKTAP™ connectors are quick and convenient. Makes quick splices with no stripping, twisting, soldering or special tooling.



B-75

**Features & Benefits**

- Easy to Use
- Saves time
- Color Coded
- No special tools required (just squeeze to install)
- Dependable connection

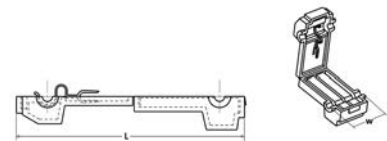
Catalog Number	Wire Range	L	W
YAIT2218R	22 - 18	0.80	0.37
YAIT1814B	16 - 14	0.80	0.37
YAIT1210Y	12 - 10	0.80	0.37

**TYPE TTV**

**QIKTAP™**

**Insulation Piercing Style, Tap Connector**

TTV type electrical connectors allow for an easy tap off of a run conductor. This tap allows for a male quick disconnect to complete the tap connection. This is especially useful when multiple reconnections could be necessary.



**Features & Benefits**

- Allows user to tap into a wire in mid-span without cutting or stripping the wire
- Connector then mates with a .250 inch male quick disconnect tab, making a reusable quick-connect wiring termination

Catalog Number	Wire Range	Insulation Color	W	L
TTV18	22 - 18 AWG	Red	0.38	1.44
TTV14	16 - 14 AWG	Blue	0.38	1.44
TTV10	12 - 10 AWG	Yellow	0.38	1.44

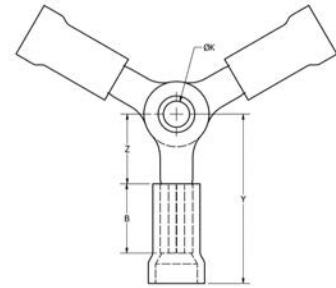
## TYPE YATW-P

B-76

### HYDENT™

Terminal - Vinyl Insulated,  
Three-Way Ring Tongue

Insulated 3-way terminal is constructed of 3 ring terminals riveted together through the stud holes. Allows multiple wires to be quickly and securely connected.



### Features & Benefits

- Robust design of a standard insulated terminal integrated into one connector
- Standard BURNDY® tooling to install

Catalog Number	Wire Range	Insulation Type	Insulation Color	B	Z	K	Y	Installation Tooling	Wire Strip Length
YATW18P	22 - 18 AWG	Vinyl	Red	0.25	0.23	0.15	0.73	MRE1022NV Y1022	5/16"
YATW14P	16 - 14 AWG	Vinyl	Blue	0.25	0.28	0.15	0.78	MRE1022NV Y1022	5/16"
YATW10P	12 - 10 AWG	Vinyl	Yellow	0.25	0.28	0.15	0.84	MRE1022NV Y1022	5/16"

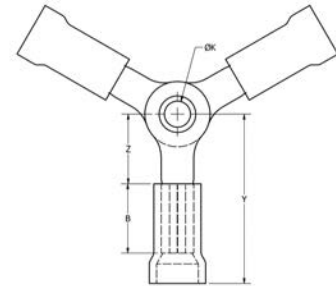
## TYPE YATW-N

### HYDENT™

Terminal - Nylon Insulated,  
Three-Way Ring Tongue

**600 Volts Max., 105° C Max.**

Insulated 3-way terminal is constructed of 3 ring terminals riveted together through the stud holes. Allows multiple wires to be quickly and securely connected.



### Features & Benefits

- Robust design of a standard insulated terminal integrated into one connector
- Standard BURNDY® tooling to install

Catalog Number	Wire Range	Insulation Type	Insulation Color	B	Z	K	Y	Installation Tooling	Wire Strip Length
YATW18N	22 - 18 AWG	2 Piece Nylon	Red	0.25	0.23	0.15	0.73	MRE1022NV Y10D Y1022	5/16"
YATW14N	16 - 14 AWG	2 Piece Nylon	Blue	0.25	0.28	0.15	0.78	MRE1022NV Y10D Y1022	5/16"
YATW10N	12 - 10 AWG	2 Piece Nylon	Yellow	0.25	0.28	0.15	0.84	MRE1022NV Y10D Y1022	5/16"

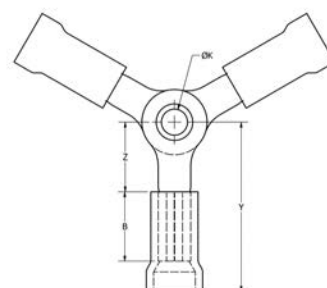
**TYPE YATW-NG**

**HYDENT™**

Terminal - Nylon Grip Insulated,  
Three-Way Ring Tongue

600 Volts Max., 105° C Max.

Insulated 3-way terminal is constructed of 3 ring terminals riveted together through the stud holes. Allows multiple wires to be quickly and securely connected.



B-77

**Features & Benefits**

- Robust design of a standard insulated terminal integrated into one connector
- Standard BURNDY® tooling to install

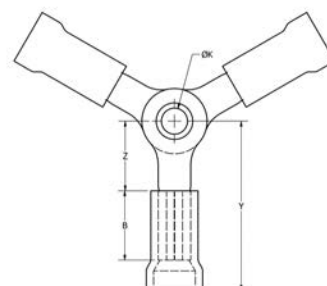
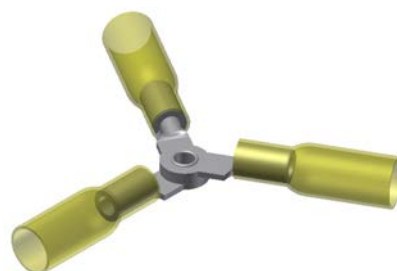
Catalog Number	Wire Range	Insulation Type	Insulation Color	B	Z	K	Y	Installation Tooling	Wire Strip Length
YATW18NG	22 - 18 AWG	3 Piece Nylon	Red	0.25	0.23	0.15	0.73	MRE1022NV Y10D Y1022	5/16"
YATW14NG	16 - 14 AWG	3 Piece Nylon	Blue	0.25	0.28	0.15	0.78	MRE1022NV Y10D Y1022	5/16"
YATW10NG	12 - 10 AWG	3 Piece Nylon	Yellow	0.25	0.28	0.15	0.84	MRE1022NV Y10D Y1022	5/16"

**TYPE YATW-HS**

**HYDENT™**

Terminal - Fully Insulated Heat Shrink,  
Three-Way Ring Tongue

Insulated 3-way terminal is constructed of 3 ring terminals riveted together through the stud holes. Allows multiple wires to be quickly and securely connected.



**Features & Benefits**

- Robust design of a standard insulated terminal integrated into one connector
- Standard BURNDY® tooling to install

Catalog Number	Wire Range	Insulation Type	Insulation Color	B	Z	K	Y	Installation Tooling	Wire Strip Length
YATW18HS	22 - 18 AWG	Heat Shrink	Red	0.25	0.23	0.15	1.26	MR22 Y10D Y1022	5/16"
YATW14HS	16 - 14 AWG	Heat Shrink	Blue	0.25	0.28	0.15	1.31	MR22 Y10D Y1022	5/16"
YATW10HS	12 - 10 AWG	Heat Shrink	Yellow	0.25	0.28	0.15	1.37	MR22 Y10D Y1022	5/16"

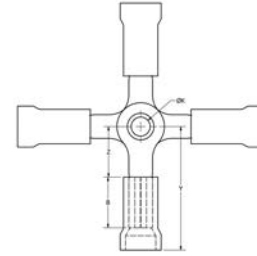
## TYPE YAFW-P

B-78

### HYDENT™

Terminal - Vinyl Insulated,  
Four-Way Ring Tongue

Insulated 4-way terminal is constructed of 4 ring terminals riveted together through the stud holes. Allows multiple wires to be quickly and securely connected.



### Features & Benefits

- Robust design of a standard insulated terminal integrated into one connector
- Standard BURNDY® tooling to install

Catalog Number	Wire Range	Insulation Type	Insulation Color	B	Z	K	Y	Installation Tooling	Wire Strip Length
YAFW18P	22 - 18 AWG	Vinyl	Red	0.25	0.23	0.15	0.73	MRE1022NV Y1022	5/16"
YAFW14P	16 - 14 AWG	Vinyl	Blue	0.25	0.28	0.15	0.78	MRE1022NV Y1022	5/16"
YAFW10P	12 - 10 AWG	Vinyl	Yellow	0.25	0.28	0.15	0.84	MRE1022NV Y1022	5/16"

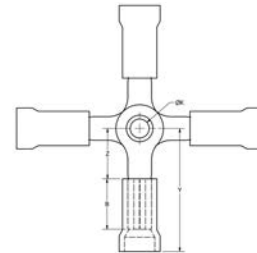
## TYPE YAFW-N

### HYDENT™

Terminal - Nylon Insulated,  
Four-Way Ring Tongue

600 Volts Max., 105° C Max.

Insulated 4-way terminal is constructed of 4 ring terminals riveted together through the stud holes. Allows multiple wires to be quickly and securely connected.



### Features & Benefits

- Robust design of a standard insulated terminal integrated into one connector
- Standard BURNDY® tooling to install

Catalog Number	Wire Range	Insulation Type	Insulation Color	B	Z	K	Y	Installation Tooling	Wire Strip Length
YAFW18N	22 - 18 AWG	2 Piece Nylon	Red	0.25	0.23	0.15	0.73	MRE1022NV Y10D Y1022	5/16"
YAFW14N	16 - 14 AWG	2 Piece Nylon	Blue	0.25	0.28	0.15	0.78	MRE1022NV Y10D Y1022	5/16"
YAFW10N	12 - 10 AWG	2 Piece Nylon	Yellow	0.25	0.28	0.15	0.84	MRE1022NV Y10D Y1022	5/16"



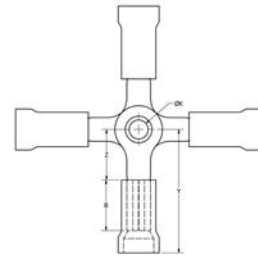
**TYPE YAFW-NG**

**HYDENT™**

Terminal - Nylon Grip Insulated,  
Four-Way Ring Tongue

600 Volts Max., 105° C Max.

Insulated 4-way terminal is constructed of 4 ring terminals riveted together through the stud holes. Allows multiple wires to be quickly and securely connected.



**Features & Benefits**

- Robust design of a standard insulated terminal integrated into one connector
- Standard BURNDY® tooling to install

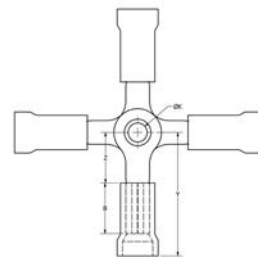
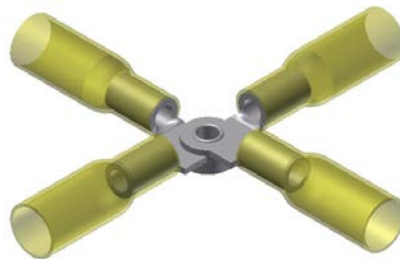
Catalog Number	Wire Range	Insulation Type	Insulation Color	B	Z	K	Y	Installation Tooling	Wire Strip Length
YAFW18NG	22 - 18 AWG	3 Piece Nylon	Red	0.25	0.23	0.15	0.73	MRE1022NV Y10D Y1022	5/16"
YAFW14NG	16 - 14 AWG	3 Piece Nylon	Blue	0.25	0.28	0.15	0.78	MRE1022NV Y10D Y1022	5/16"
YAFW10NG	12 - 10 AWG	3 Piece Nylon	Yellow	0.25	0.28	0.15	0.84	MRE1022NV Y10D Y1022	5/16"

**TYPE YAFW-HS**

**HYDENT™**

Terminal - Fully Insulated Heat Shrink,  
Four-Way Ring Tongue

Insulated 4-way terminal is constructed of 4 ring terminals riveted together through the stud holes. Allows multiple wires to be quickly and securely connected.



**Features & Benefits**

- Robust design of a standard insulated terminal integrated into one connector
- Standard BURNDY® tooling to install

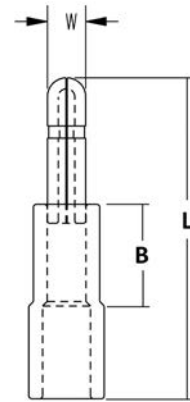
Catalog Number	Wire Range	Insulation Type	Insulation Color	B	Z	K	Y	Installation Tooling	Wire Strip Length
YAFW18HS	22 - 18 AWG	Heat Shrink	Red	0.25	0.25	0.15	1.26	MR22 Y10D Y1022	5/16"
YAFW14HS	16 - 14 AWG	Heat Shrink	Blue	0.25	0.25	0.15	1.31	MR22 Y10D Y1022	5/16"
YAFW10HS	12 - 10 AWG	Heat Shrink	Yellow	0.25	0.25	0.15	1.37	MR22 Y10D Y1022	5/16"

## TYPE BULM-P

B-80

### Vinyl Insulated Male Bullet-style Connectors

Type BULM-P Male Bullet connectors are vinyl insulated connectors with a flared entry for easier wire insertion. Color-coded barrels for easy wire size identification.



#### Features & Benefits

- Vinyl insulation
- Color-coded barrels
- Flared entry provides easier use

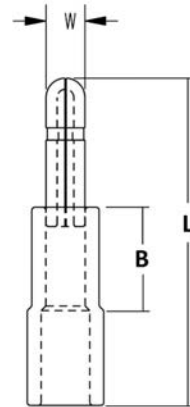
Catalog Number	Wire Range	L	W	B	Tooling	Wire Strip Length
BULM18P	22-18	0.83	0.16	0.21	MRE1022NV Y1022	5/16"
BULM14P	16-14	0.83	0.16	0.21	MRE1022NV Y1022	5/16"
BULM10P	12-10	0.83	0.20	0.21	MRE1022NV Y1022	5/16"

## TYPE BULM-N

### Nylon Insulated Male Bullet-style Connectors

600 Volts Max., 105° C Max.

Type BULM-N Male Bullet connectors are nylon insulated connectors with a flared entry for easier wire insertion. Color-coded barrels for easy wire size identification.



#### Features & Benefits

- Nylon insulation
- Color-coded barrels
- Flared entry provides easier use

Catalog Number	Wire Range	L	B	W	Installation Tooling	Wire Strip Length
BULM18N	22 - 18	0.83	0.21	0.16	MRE1022NV Y10D Y1022	5/16"
BULM14N	16 - 14	0.83	0.21	0.16	MRE1022NV Y10D Y1022	5/16"

**TYPE BULM-NG**

**Nylon Grip Insulated Male  
Bullet-style Connectors**

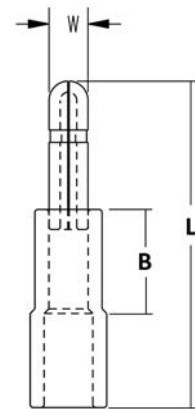
600 Volts Max., 105° C Max.

Type BULM-NG Male Bullet connectors are nylon grip insulated connectors with a flared entry for easier wire insertion. Color-coded barrels for easy wire size identification.



**Features & Benefits**

- Nylon grip insulation
- Color-coded barrels
- Flared entry provides easier use



Catalog Number	Wire Range	L	B	W	Installation Tooling	Wire Strip Length
BULM18NG	22 - 18	0.83	0.21	0.16	MRE1022NV Y10D Y1022	5/16"
BULM14NG	16 - 14	0.83	0.21	0.16	MRE1022NV Y10D Y1022	5/16"

**TYPE BULM-HS**

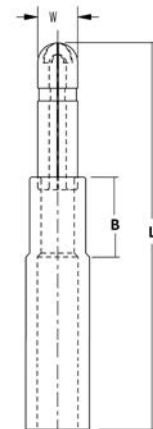
**Heat Shrink Insulated Male  
Bullet-style Connectors**

Type BULM-HS Male Bullet connectors are heat shrink insulated connectors with a flared entry for easier wire insertion. Color-coded barrels for easy wire size identification.



**Features & Benefits**

- Heat Shrink insulation
- Color-coded barrels
- Flared entry provides easier use



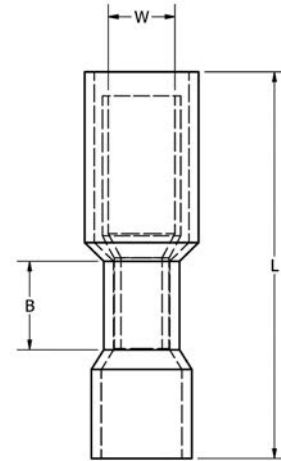
Catalog Number	Wire Range	L	B	W	Installation Tooling	Wire Strip Length
BULM18HS	22 - 18	1.30	0.21	0.16	MR22 Y10D Y1022	5/16"
BULM14HS	16 - 14	1.30	0.21	0.16	MR22 Y10D Y1022	5/16"

**TYPE BULF-P**

B-82

**Vinyl Insulated Female Bullet-style Connectors**

Type BULF-P Female Bullet vinyl insulated connectors mate with type BULM-P Male connectors. Flared insulation entry for easier wire insertion. Color-coded for wire size identification. Installed with standard BURNDY® tooling.



**Features & Benefits**

- Vinyl insulated
- Color-coded barrels
- Flared entry
- Uses standard BURNDY® tooling

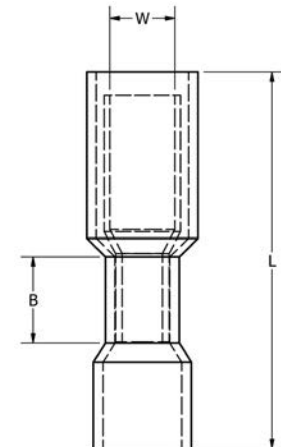
Catalog Number	Wire Range	L	B	W	Installation Tooling	Wire Strip Length
BULF18P	22 - 18	0.89	0.21	0.16	MRE1022NV Y1022	5/16"
BULF14P	16 - 14	0.89	0.21	0.16	MRE1022NV Y1022	5/16"
BULF10P	12 - 10	0.89	0.20	0.20	MRE1022NV Y1022	5/16"

**TYPE BULF-N**

**Nylon Insulated Female Bullet-style Connectors**

600 Volts Max., 105° C Max.

Type BULF-N Female Bullet nylon insulated connectors mate with BULM-N Male connectors. Flared insulation for easier wire insertion. Color-coded for wire size identification. Installed with standard BURNDY® tooling.



**Features & Benefits**

- Nylon insulation
- Color-coded barrels
- Flared entry
- Uses standard BURNDY® tooling

Catalog Number	Wire Range	L	B	W	Installation Tooling	Wire Strip Length
BULF18N	22 - 18	0.89	0.21	0.16	MRE1022NV Y10D Y1022	5/16"
BULF14N	16 - 14	0.89	0.21	0.16	MRE1022NV Y10D Y1022	5/16"

### TYPE BULF-NG

#### Nylon Grip Insulated Female Bullet-style Connectors

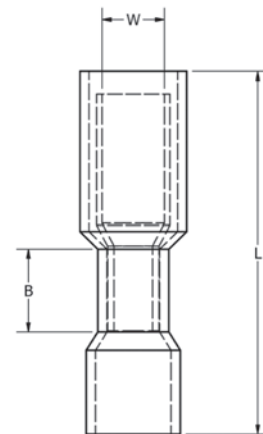
600 Volts Max., 105° C Max.

Type BULF-NG Female Bullet nylon grip insulated connectors mate with type BULM-NG Male connectors. Flared insulation entry for easier wire insertion. Color-coded for wire size identification. Installed with standard BURNDY® tooling.



#### Features & Benefits

- Nylon Grip insulation
- Color-coded barrels
- Flared entry
- Uses standard BURNDY® tooling

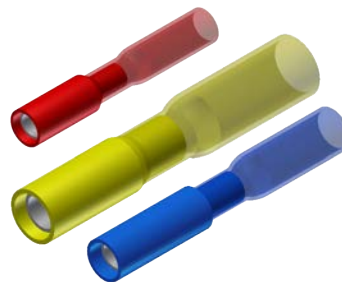


Catalog Number	Wire Range	L	B	W	Installation Tooling	Wire Strip Length
BULF18NG	22 - 18	0.89	0.21	0.16	MRE1022NV Y10D Y1022	5/16"
BULF14NG	16 - 14	0.89	0.21	0.16	MRE1022NV Y10D Y1022	5/16"

### TYPE BULF-HS

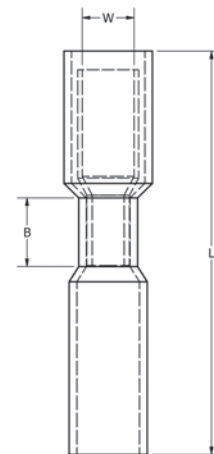
#### Heat Shrink Insulated Female Bullet-style Connectors

Type BULF-HS Female Bullet heat shrink insulated connectors mate with type BULM-HS connectors. Flared insulation entry for easier wire insertion. Color-coded for wire size identification. Installed with standard BURNDY® tooling.



#### Features & Benefits

- Heat Shrink insulation
- Color-coded barrels
- Flared entry
- Uses standard BURNDY® tooling



Catalog Number	Wire Range	L	B	W	Installation Tooling	Wire Strip Length
BULF18HS	22 - 18	1.40	0.21	0.16	MR22 Y10D Y1022	5/16"
BULF14HS	16 - 14	1.40	0.21	0.16	MR22 Y10D Y1022	5/16"
BULF10HS	12 - 10	1.40	0.20	0.20	MR22 Y10D Y1022	5/16"

## TYPE PTV

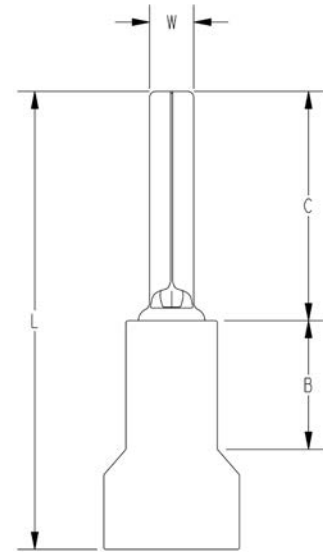
B-84

### VINYLUG™

Pin Terminal

Material: Tin-Plated Brass

Insulated Pin Terminals are electrical connectors used to terminate stranded wires, creating a quality, reliable connection by ensuring each wire strand conducts current when properly crimped. This is especially useful when multiple reconnections could be necessary within terminal blocks or other similar devices. No breakage of wire strands when wire is bent, under stress or in a vibration environment.



### Features & Benefits

- Provides an easy and effective way to terminate stranded wire into European/metric-style terminal blocks

Catalog Number	Wire Range	B	C	L	W	Installation Tooling	Wire Strip Length
PTV18	22 - 18 AWG	0.19	0.41	0.80	0.07	MRE1022NV Y1022	5/16"
PTV14	16 - 14 AWG	0.19	0.41	0.80	0.07	MRE1022NV Y1022	5/16"
PTV10	12 - 10 AWG	0.27	0.50	0.97	0.11	MRE1022NV Y1022	5/16"

TYPE YF-UI

BARE FERRULES

For Use On Copper Conductor



B-85

Wire ferrules are also known as cord end terminals or bootlace ferrules. These are electrical connectors used to terminate stranded wires. These terminals are made of electrolytically tin plated copper, uninsulated ferrules are designed to form neat end terminations to multi-strand cables or wires. Smooth funnel entry assists in wire

insertion. Specifically designed to aid in termination of extra flexible fine stranded conductor, provides enhanced flexibility relating to wire termination and management. A positive contact surface helps ensure system integrity.

Features & Benefits

- Made of electrolytic copper, tin plated
- Seamless barrels
- Smooth funnel entry to make wire insertion easier
- RoHS compliant

Catalog Number	Wire Size		Dimensions in Inches				Recommended Tooling
	AWG	mm <sup>2</sup>	L1 Dim (in)	D Dim (in)	D1 Dim (in)	D2 Dim (in)	
YF2807UI	28	0.14	0.28	0.04	0.03	0.06	YF3206TOOL
YF2605UI	26	0.25	0.19	0.04	0.03	0.06	YF3206TOOL YF2610TOOL
YF2607UI	26	0.25	0.28	0.04	0.03	0.06	
YF2405UI	24	0.34	0.19	0.05	0.03	0.06	
YF2407UI	24	0.34	0.28	0.05	0.03	0.06	
YF2206UI	22	0.50	0.24	0.05	0.04	0.09	YF3206TOOL YF2610TOOL YF2214TOOL YF2210TOOL YF2210FL
YF2208UI	22	0.50	0.32	0.05	0.04	0.07	
YF2210UI	22	0.50	0.40	0.05	0.04	0.07	
YF2212UI	22	0.50	0.40	0.05	0.04	0.07	
YF2006UI	20	0.75	0.24	0.06	0.05	0.10	
YF2010UI	20	0.75	0.39	0.06	0.05	0.08	
YF2012UI	20	0.75	0.47	0.06	0.05	0.08	
YF1806UI	18	1.00	0.24	0.07	0.06	0.11	
YF1808UI	18	1.00	0.32	0.07	0.06	0.09	
YF1810UI	18	1.00	0.39	0.07	0.06	0.09	
YF1812UI	18	1.00	0.47	0.07	0.06	0.09	
YF1607UI	16	1.50	0.28	0.08	0.07	0.09	
YF1608UI	16	1.50	0.32	0.08	0.07	0.12	
YF1610UI	16	1.50	0.39	0.08	0.07	0.12	
YF1612UI	16	1.50	0.47	0.08	0.07	0.12	
YF1618UI	16	1.50	0.71	0.08	0.07	0.12	
YF1407UI	14	2.50	0.28	0.10	0.09	0.13	
YF1408UI	14	2.50	0.32	0.10	0.09	0.13	
YF1410UI	14	2.50	0.39	0.10	0.09	0.13	
YF1412UI	14	2.50	0.47	0.10	0.09	0.13	
YF1418UI	14	2.50	0.71	0.10	0.09	0.13	
YF1209UI	12	4.00	0.35	0.13	0.11	0.15	YF3206TOOL YF2610TOOL YF2210TOOL YF2210FL
YF1212UI	12	4.00	0.47	0.13	0.11	0.17	
YF1215UI	12	4.00	0.59	0.13	0.11	0.15	
YF1218UI	12	4.00	0.71	0.13	0.11	0.15	
YF1010UI	10	6.00	0.39	0.15	0.14	0.19	YF3206TOOL YF2610TOOL YF2210TOOL YF1006TOOL YF2210FL
YF1012UI	10	6.00	0.47	0.15	0.14	0.19	
YF1015UI	10	6.00	0.59	0.15	0.14	0.19	
YF1018UI	10	6.00	0.71	0.15	0.14	0.19	



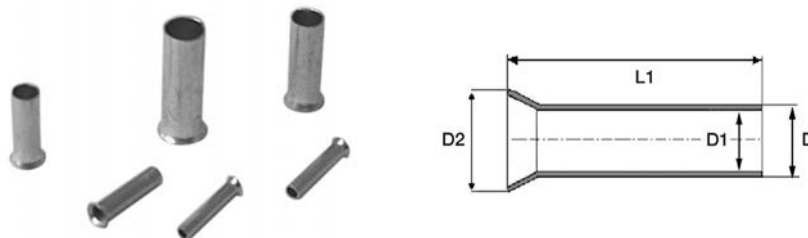
## TYPE YF-UI

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### BARE FERRULES

For Use On Copper Conductor



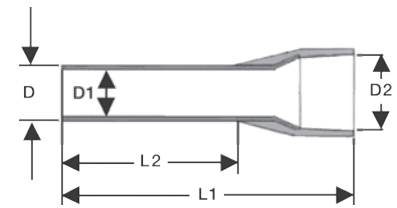
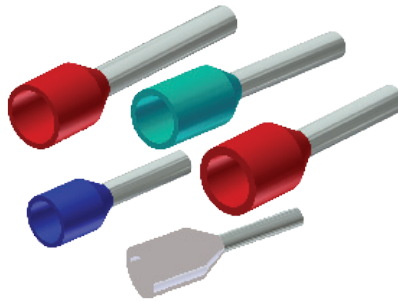
Catalog Number	Wire Size		Dimensions in Inches				Recommended Tooling
	AWG	mm <sup>2</sup>	L1 Dim (in)	D Dim (in)	D1 Dim (in)	D2 Dim (in)	
YF0812UI	8	10.00	0.47	0.19	0.18	0.29	YF3206TOOL YF1006TOOL YF0801TOOL
YF0815UI	8	10.00	0.59	0.19	0.18	0.29	
YF0818UI	8	10.00	0.71	0.19	0.18	0.29	
YF0612UI	6	16.00	0.47	0.24	0.23	0.30	
YF0615UI	6	16.00	0.59	0.24	0.23	0.30	
YF0618UI	6	16.00	0.71	0.24	0.23	0.30	
YF0625UI	6	16.00	0.98	0.24	0.23	0.30	YF0801TOOL YF0401TOOL
YF0412UI	4	25.00	0.47	0.31	0.29	0.38	
YF0415UI	4	25.00	0.59	0.31	0.29	0.38	
YF0418UI	4	25.00	0.70	0.31	0.29	0.38	
YF0420UI	4	25.00	0.79	0.31	0.29	0.38	
YF0425UI	4	25.00	0.98	0.31	0.29	0.38	
YF0432UI	4	25.00	1.26	0.31	0.29	0.38	
YF0215UI	2	35.00	0.59	0.34	0.33	0.42	
YF0220UI	2	35.00	0.79	0.34	0.33	0.42	
YF0225UI	2	35.00	0.98	0.34	0.33	0.42	
YF0232UI	2	35.00	1.26	0.34	0.33	0.42	
YF0122UI	1	50.00	0.87	0.43	0.41	0.52	
YF0125UI	1	50.00	0.98	0.43	0.41	0.52	
YF0132UI	1	50.00	1.26	0.43	0.41	0.52	
YF2/022UI	2/0	70.00	0.87	0.56	0.53	0.64	
YF2/025UI	2/0	70.00	0.98	0.56	0.53	0.64	
YF2/032UI	2/0	70.00	1.26	0.56	0.53	0.64	
YF3/025UI	3/0	95.00	0.98	0.61	0.58	0.68	YF4/0250TOOL
YF3/030UI	3/0	95.00	1.18	0.61	0.58	0.68	
YF3/032UI	3/0	95.00	1.26	0.61	0.58	0.68	
YF4/032UI	4/0	120.00	1.26	0.70	0.70	0.81	
YF4/034UI	4/0	120.00	1.39	0.70	0.70	0.81	Y644HSXT
YF4/040UI	4/0	120.00	1.57	0.70	0.70	0.81	
YF25032UI	250	150.00	1.26	0.81	0.77	0.91	
YF25040UI	250	150.00	1.57	0.81	0.77	0.91	Y644HSXT
YF35032UI	350	185.00	1.26	0.84	0.79	0.94	
YF35040UI	350	185.00	1.57	0.84	0.80	0.94	

**TYPE YF-I FERRULES**

**Series D, T & W**

**INSULATED FERRULES**

For Use On Copper Conductor  
Offered in Series D, T & W



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Ferrules are electrical connectors used to terminate stranded wires, creating a quality, reliable connection by ensuring each wire strand conducts current when properly crimped. Especially useful when multiple reconnections could be necessary within terminal blocks or other similar devices. No breakage of wire strands when wire is bent, under stress or in a vibration environment. Twin ferrule designs allow two individual stranded conductors to be connected to the same termination, most beneficial in jumpering or other similar applications. Both styles (single and twin) offer the

same features and benefits. The YF-TOOL series has been designed to crimp both the bare (type YF-U) and insulated (type YF-I) ferrules.

**Features & Benefits**

- Made of electrolytic copper, tin plated
- Smooth funnel entry to make wire insertion easier

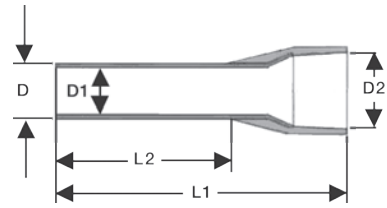
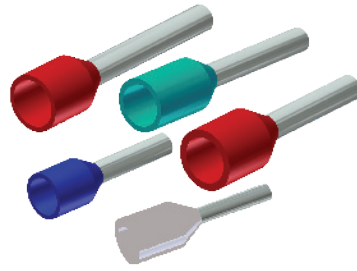
- Secure contacting even after multiple reconnections
- Long-term contact resistance
- No fraying of strands
- No breakage of wire strands when wire is bent, under stress or in vibration environment
- RoHS compliant

W Series	D Series	T Series	Wire Size		Dimensions in Inches					Bag Qty	Tooling
			AWG	mm <sup>2</sup>	L1 (in)	L2 (in)	D (in)	D1 (in)	D2 (in)		
YF2806IW Gray	—	YF2806IT Brown	28	0.14	0.39	0.22	0.04	0.03	0.07	500	YF3206TOOL
YF2808IW Gray	—	YF2808IT Brown	28	0.14	0.49	0.32	0.04	0.03	0.04	500	
YF2606IW Lt. Blue	YF2606ID Purple	YF2606IT Yellow	26	0.25	0.40	0.23	0.05	0.03	0.08	500	YF3206TOOL, YF2610TOOL
YF2608IW Lt. Blue	YF2608ID Purple	YF2608IT Yellow	26	0.25	0.49	0.32	0.04	0.03	0.08	500	
YF2406IW Turquoise	—	YF2406IT Pink	24	0.34	0.48	0.31	0.04	0.03	0.08	500	
YF2408IW Turquoise	—	YF2408IT Pink	24	0.34	0.40	0.31	0.04	0.03	0.08	500	
YF2205IW Orange	YF2205ID White	YF2205IT White	22	0.50	0.44	0.21	0.05	0.04	0.11	500	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF2206IW Orange	YF2206ID White	YF2206IT White	22	0.50	0.47	0.24	0.05	0.04	0.10	500	
YF2208IW Orange	YF2208ID White	YF2208IT White	22	0.50	0.55	0.32	0.05	0.04	0.11	500	
YF2210IW Orange	YF2210ID White	YF2210IT White	22	0.50	0.63	0.39	0.05	0.04	0.10	500	
YF2212IW Orange	YF2212ID White	YF2212IT White	22	0.50	0.47	0.24	0.05	0.04	0.10	500	
YF2006IW White	YF2206ID Gray	YF2006IT Blue	20	0.75	0.47	0.24	0.06	0.05	0.11	500	
YF2008IW White	YF2008ID Gray	YF2008IT Blue	20	0.75	0.56	0.31	0.06	0.05	0.12	500	
YF2010IW White	YF2010ID Gray	YF2010IT Blue	20	0.75	0.63	0.39	0.06	0.05	0.11	500	
YF2012IW White	YF2012ID Gray	YF2012IT Blue	20	0.75	0.71	0.47	0.06	0.05	0.11	500	
YF2018IW White	YF2018ID Gray	YF2018IT Blue	20	0.75	0.96	0.71	0.06	0.05	0.11	500	
YF1806IW Yellow	YF1806ID Red	YF1806IT Red	18	1.00	0.47	0.24	0.07	0.06	0.12	500	

TYPE YF-I FERRULES

Series D, T & W

(Continued)



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INSULATED FERRULES

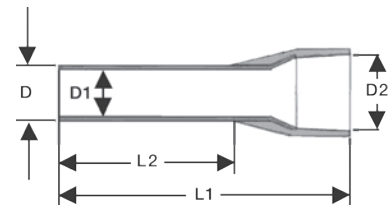
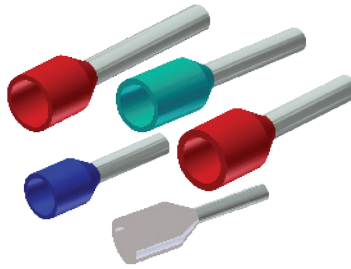
W Series	D Series	T Series	Wire Size		Dimensions in Inches					Bag Qty	Tooling
			AWG	mm <sup>2</sup>	L1 (in)	L2 (in)	D (in)	D1 (in)	D2 (in)		
YF1808IW Yellow	YF1808ID Red	YF1808IT Red	18	1.00	0.56	0.32	0.07	0.05	0.12	500	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF1810IW Yellow	YF1810ID Red	YF1810IT Red	18	1.00	0.63	0.39	0.07	0.06	0.12	500	
YF1812IW Yellow	YF1812ID Red	YF1812IT Red	18	1.00	0.71	0.47	0.07	0.06	0.12	500	
YF1818IW Yellow	YF1818ID Red	YF1818IT Red	18	1.00	0.96	0.71	0.07	0.06	0.12	500	
YF1606IW Red	YF1606ID Black	YF1606IT Black	16	1.50	0.48	0.24	0.08	0.07	0.14	500	
YF1608IW Red	YF1608ID Black	YF1608IT Black	16	1.50	0.55	0.32	0.08	0.07	0.14	500	
YF1610IW Red	YF1610ID Black	YF1610IT Black	16	1.50	0.63	0.39	0.08	0.07	0.14	500	
YF1612IW Red	YF1612ID Black	YF1612IT Black	16	1.50	0.71	0.47	0.08	0.07	0.14	500	
YF1615IW Red	YF1615ID Black	YF1615IT Black	16	1.50	0.84	0.59	0.08	0.07	0.14	500	
YF1618IW Red	YF1618ID Black	YF1618IT Black	16	1.50	0.95	0.71	0.08	0.07	0.14	500	
YF1408IW Blue	YF1408ID Blue	YF1408IT Gray	14	2.50	0.62	0.32	0.10	0.09	0.17	500	
YF1410IW Blue	YF1410ID Blue	YF1410IT Gray	14	2.50	0.69	0.39	0.09	0.09	0.17	500	
YF1412IW Blue	YF1412ID Blue	YF1412IT Gray	14	2.50	0.71	0.47	0.09	0.09	0.17	500	
YF1418IW Blue	YF1418ID Blue	YF1418IT Gray	14	2.50	0.95	0.71	0.09	0.09	0.17	500	
YF1209IW Gray	YF1209ID Gray	YF1209IT Orange	12	4.00	0.65	0.32	0.13	0.11	0.19	500	YF3206TOOL, YF2610TOOL, YF2210TOOL, YF2210FL
YF1210IW Gray	YF1210ID Gray	YF1210IT Orange	12	4.00	0.71	0.39	0.13	0.11	0.13	500	
YF1212IW Gray	YF1212ID Gray	YF1212IT Orange	12	4.00	0.79	0.47	0.13	0.11	0.19	500	
YF1218IW Gray	YF1218ID Gray	YF1218IT Orange	12	4.00	1.02	0.71	0.13	0.11	0.19	500	
YF1010IW Black	YF1010ID Yellow	YF1010IT Green	10	6.00	0.73	0.39	0.15	0.14	0.25	100	
YF1012IW Black	YF1012ID Yellow	YF1012IT Green	10	6.00	0.82	0.47	0.15	0.14	0.23	100	
YF1018IW Black	YF1018ID Yellow	YF1018IT Green	10	6.00	1.02	0.71	0.15	0.15	0.25	100	

TYPE YF-I FERRULES

Series D, T & W

(Continued)

INSULATED FERRULES

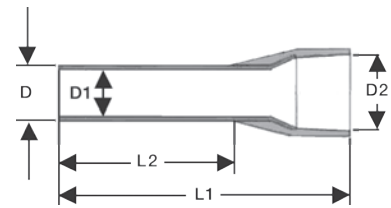
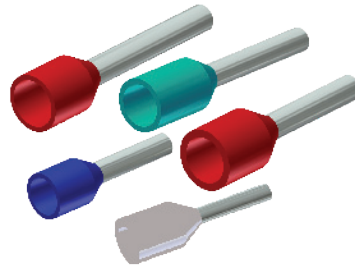


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W Series	D Series	T Series	Wire Size		Dimensions in Inches					Bag Qty	Tooling
			AWG	mm <sup>2</sup>	L1 (in)	L2 (in)	D (in)	D1 (in)	D2 (in)		
YF0812IW Ivory	YF0812ID Red	YF0812IT Brown	8	10.00	0.91	0.46	0.19	0.18	0.31	100	YF3206TOOL, YF1006TOOL, YF0801TOOL
YF0815IW Ivory	YF0815ID Red	YF0815IT Brown	8	10.00	0.93	0.59	0.19	0.18	0.29	100	
YF0818IW Ivory	YF0818ID Red	YF0818IT Brown	8	10.00	1.10	0.71	0.19	0.18	0.29	100	
YF0612IW Green	YF0612ID Blue	YF0612IT Ivory	6	16.00	0.89	0.43	0.25	0.23	0.34	100	
YF0618IW Green	YF0618ID Blue	YF0618IT Ivory	6	16.00	0.89	0.43	0.25	0.23	0.34	100	
YF0412IW Brown	YF0412ID Yellow	YF0412IT Black	4	25.00	0.94	0.47	0.31	0.29	0.44	100	
YF0415IW Brown	YF0415ID Yellow	YF0415IT Black	4	25.00	1.06	0.59	0.30	0.29	0.44	100	
YF0416IW Brown	YF0416ID Yellow	YF0416IT Black	4	25.00	1.10	0.63	0.30	0.29	0.44	100	
YF0418IW Brown	YF0418ID Yellow	YF0418IT Black	4	25.00	1.18	0.71	0.30	0.29	0.44	100	
YF0422IW Brown	YF0422ID Yellow	YF0422IT Black	4	25.00	1.42	0.87	0.30	0.29	0.44	100	
YF0425IW Brown	YF0425ID Yellow	YF0425IT Black	4	25.00	1.45	0.98	0.30	0.29	0.44	100	
YF0216IW Beige	YF0216ID Red	YF0216IT Beige	2	35.00	1.17	0.64	0.34	0.32	0.48	100	
YF0218IW Beige	YF0218ID Red	YF0218IT Beige	2	35.00	1.26	0.71	0.34	0.33	0.50	100	
YF0222IW Beige	YF0222ID Red	YF0222IT Beige	2	35.00	1.41	0.87	0.34	0.33	0.50	100	
YF0225IW Beige	YF0225ID Red	YF0225IT Beige	2	35.00	1.53	0.98	0.34	0.33	0.50	100	
YF0112IW Olive Green	YF0112ID Blue	YF0112IT Olive Green	1	50.00	1.10	0.47	0.43	0.41	0.59	50	
YF0116IW Olive Green	YF0116ID Blue	YF0116IT Olive Green	1	50.00	1.26	0.63	0.43	0.41	0.59	50	
YF0120IW Olive Green	YF0120ID Blue	YF0120IT Olive Green	1	50.00	1.45	0.79	0.43	0.40	0.58	50	
YF0122IW Olive Green	YF0122ID Blue	YF0122IT Olive Green	1	50.00	1.50	0.87	0.43	0.41	0.59	50	
YF0125IW Olive Green	YF0125ID Blue	YF0125IT Olive Green	1	50.00	0.98	0.43	0.43	0.41	0.59	50	
YF0130IW Olive Green	YF0130ID Blue	YF0130IT Olive Green	1	50.00	1.18	0.43	0.43	0.41	0.59	50	
—	YF2/020ID Yellow	—	2/0	70.00	1.45	0.79	0.56	0.53	0.63	25	YF1/03/0TOOL
—	YF2/025ID Yellow	—	2/0	70.00	1.65	0.98	0.56	0.53	0.63	25	
—	YF2/027ID Yellow	—	2/0	70.00	1.73	1.06	0.56	0.53	0.63	25	
—	YF3/025ID Red	—	3/0	95.00	1.73	0.98	0.61	0.58	0.73	25	
—	YF3/030ID Red	—	3/0	95.00	1.95	1.18	0.61	0.58	0.73	25	

TYPE YF-I FERRULES

Series D, T & W  
(Continued)



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INSULATED FERRULES

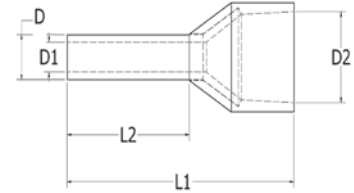
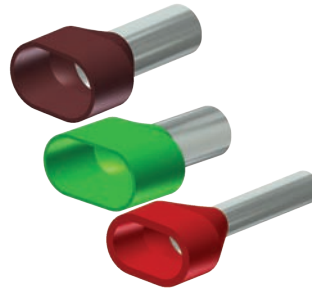
W Series	D Series	T Series	Wire Size		Dimensions in Inches					Bag Qty	Tooling
			AWG	mm <sup>2</sup>	L1 (in)	L2 (in)	D (in)	D1 (in)	D2 (in)		
—	YF4/027ID Blue	—	4/0	120.00	1.87	1.06	0.70	0.66	0.80	25	YF4/0250TOOL
—	YF4/030ID Blue	—	4/0	120.00	2.01	1.18	0.70	0.66	0.80	25	
—	YF4/032ID Blue	—	4/0	120.00	2.07	1.26	0.70	0.66	0.80	25	
—	YF4/034ID Blue	—	4/0	120.00	2.15	1.34	0.70	0.66	0.80	25	
—	YF25025ID Yellow	—	250	150.00	1.99	0.98	0.81	0.77	0.92	25	
—	YF25027ID Yellow	—	250	150.00	2.07	1.06	0.81	0.77	0.92	25	
—	YF25032ID Yellow	—	250	150.00	2.27	1.26	0.81	0.77	0.92	25	
—	YF25038ID Yellow	—	250	150.00	2.50	1.50	0.81	0.77	0.92	25	

TYPE YF-TW

INSULATED TWIN FERRULES

For Use on Copper Conductor

Ferrules are electrical connectors used to terminate stranded wires, creating a quality, reliable connection by ensuring each wire strand conducts current when properly crimped. Especially useful when multiple reconnections could be necessary within terminal blocks or other similar devices. No breakage of wire strands when wire is bent, under stress or in a vibration environment. Twin ferrule designs allow two individual stranded conductors to be connected to the same termination, most beneficial in jumpering or other similar applications. Both styles (single and twin) offer the



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same features and benefits. The YF-TOOL series has been designed to crimp both the bare (type YF) and insulated (type YF-I) ferrules.

Features & Benefits

- Made of electrolytic copper, tin plated
- Smooth funnel entry to make wire insertion easier

- Secure contacting even after multiple reconnections
- Long-term contact resistance
- No fraying of strands
- No breakage of wire strands when wire is bent, under stress or in vibration environment
- RoHS compliant

Catalog Number			Wire sizes		Dimensions in Inches					Tooling	Bag Qty
W Series	T Series	D Series	AWG	mm <sup>2</sup>	L1 Dim (in)	L2 Dim (in)	D Dim (in)	D1 Dim (in)	D2 Dim (in)		
YFTW2208W Orange	YFTW2208T White	YFTW2208D White	22 AWG	0.50	0.60	0.30	0.07	0.06	0.19	YF32016TOOL YF2210TOOL YF2210FL	100
YFTW2010W White	YFTW2010T Lt. Blue	YFTW2010D Gray	20 AWG	0.75	0.66	0.39	0.08	0.07	0.22		
YFTW2008W White	YFTW2008T Lt. Blue	YFTW2008D Gray	20 AWG	0.75	0.60	0.31	0.08	0.07	0.20		
YFTW1810W Yellow	YFTW1810T Red	YFTW1810D Red	18 AWG	1.00	0.67	0.39	0.09	0.08	0.22		
YFTW1808W Yellow	YFTW1808T Red	YFTW1808D Red	18 AWG	1.00	0.62	0.31	0.09	0.08	0.22		
YFTW1612W Red	YFTW1612T Black	YFTW1612D Black	16 AWG	1.50	0.77	0.47	0.10	0.09	0.25		
YFTW1608W Red	YFTW1608T Black	YFTW1608D Black	16 AWG	1.50	0.65	0.31	0.10	0.09	0.26		
YFTW1413W Blue	YFTW1413T Gray	YFTW1413D Blue	14 AWG	2.50	0.85	0.51	0.13	0.11	0.32		
YFTW1410W Blue	YFTW1410T Gray	YFTW1410D Blue	14 AWG	2.50	0.77	0.39	0.13	0.11	0.31		
YFTW1212W Gray	YFTW1212T Orange	YFTW1212D Gray	12 AWG	4.00	0.92	0.46	0.17	0.15	0.36		
YFTW1014W Black	YFTW1014T Green	YFTW1014D Yellow	10 AWG	6.00	0.99	0.53	0.21	0.19	0.41	YF0801TOOL YF1006TOOL	500
YFTW0814W Beige	YFTW0814T Brown	YFTW0814D Red	8 AWG	10.00	1.04	0.55	0.27	0.25	0.51		
YFTW0614W Green	YFTW0614T Ivory	YFTW0614D Blue	6 AWG	16.00	1.23	0.55	0.34	0.33	0.75		

## SMALL TERMINAL KITS

B-92

### PACKAGED KITS OF VARIOUS TYPES OF SMALL TERMINALS

For Use On Copper Conductor

Small Terminal Kits are packaged in reusable plastic cases with secure compartments for each type of connector. Clearly marked on the inside front cover with part numbers and descriptions, the kits contain some of the most common terminals needed on everyday installations.



### Features & Benefits

- Quality terminals of various types packaged together for convenience
- Color-coded barrels
- Reusable, refillable container
- Clearly marked with part numbers and descriptions on inside cover

**Catalog Number: STKIT08**

**Contains:**

Kit	Catalog Number	Quantity	Description
STKIT08	SP14	20	#16 - #14 AWG splice; vinyl insulation
	QP14M25X03D	10	#16 - #14 AWG male disconnect; .250 tab size; vinyl insulation
	QP14F25X03	10	#16 - #14 AWG female disconnect; .250 tab size; vinyl insulation
	TP14-10	20	#16 - #14 AWG ring terminal; 8 - 10 stud size; vinyl insulation
	TP14-10F	20	#16 - #14 AWG fork terminal; 8 - 10 stud size; vinyl insulation
	SP10	10	#12 - #10 AWG splice; vinyl insulation
	TP10-10	20	#12 - #10 AWG ring terminal; 8 - 10 stud size; vinyl insulation
	TP10-10F	20	#12 - #10 AWG fork terminal; 8 - 10 stud size; vinyl insulation

**Catalog Number: STKIT15**

**Contains:**

Kit	Catalog Number	Quantity	Description
STKIT15	QP18M18X02D	20	#22 - #18 AWG male disconnect; .187 tab; vinyl insulation
	QP18M25X03D	20	#22 - #18 AWG male disconnect; .250 tab; vinyl insulation
	QP18F18X02D	20	#22 - #18 AWG female disconnect; .187 tab; vinyl insulation
	QP18F25X03D	20	#22 - #18 AWG female disconnect; .250 tab; vinyl insulation
	BULM18P	20	#22 - #18 AWG male bullet disconnect; vinyl insulation
	BULF18P	20	#22 - #18 AWG female bullet disconnect; vinyl insulation
	SP18	20	#22 - #18 AWG splice; vinyl insulation
	QP14M18X02D	20	#16 - #14 AWG male disconnect; .187 tab; vinyl insulation
	QP14M25X03D	20	#16 - #14 AWG male disconnect; .250 tab; vinyl insulation
	QP14F18X02D	20	#16 - #14 AWG female disconnect; .187 tab; vinyl insulation
	QP14F25X03D	20	#16 - #14 AWG female disconnect; .250 tab; vinyl insulation
	BULM14P	20	#16 - #14 AWG male bullet disconnect; vinyl insulation
	BULF14P	20	#16 - #14 AWG female bullet disconnect; vinyl insulation
	SP14	20	#16 - #14 AWG splice; vinyl insulation
	SP10	20	#12 - #10 AWG splice; vinyl insulation



TYPE HSKIT

HYDENT™ HEAT SHRINK CONNECTORS AND INSTALLATION TOOL



B-93

For Use On Copper Conductor

Standard crimp terminals leave the wire exposed allowing in moisture or other contaminants which can result in corrosion. Heat shrink terminals provide a durable seal, blocking out contaminants, ensuring a better connection.

Features & Benefits

- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance
- Wire strip length 5/16"

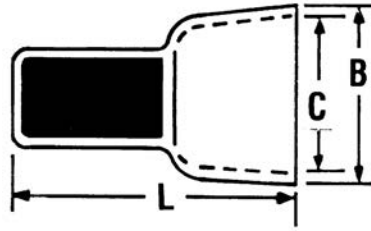
List of Items Included in HSKIT							
Quantity of Pieces included in kit	Description	Conductor Size	Stud Size	Quantity of Pieces included in kit	Description	Conductor Size	Stud Size
50	Butt Splice	22 - 18 AWG	—	10	Fork Terminal	22 - 18 AWG	#6
50	Butt Splice	16 - 14 AWG	—	10	Fork Terminal	22 - 18 AWG	#8
30	Butt Splice	12 - 10 AWG	—	10	Fork Terminal	22 - 18 AWG	#10
15	Butt Splice	#8 AWG	—	10	Fork Terminal	16 - 14 AWG	#6
10	Ring Terminal	22 - 18 AWG	#6	10	Fork Terminal	16 - 14 AWG	#8
10	Ring Terminal	22 - 18 AWG	#8	10	Fork Terminal	16 - 14 AWG	#10
10	Ring Terminal	22 - 18 AWG	#10	10	Fork Terminal	12 - 10 AWG	#6
10	Ring Terminal	22 - 18 AWG	5/16"	10	Fork Terminal	12 - 10 AWG	#8
10	Ring Terminal	22 - 18 AWG	1/4"	10	Fork Terminal	12 - 10 AWG	#10
10	Ring Terminal	22 - 18 AWG	3/8"	15	Fork Terminal	#8 AWG	3/8"
10	Ring Terminal	16 - 14 AWG	#8	50 (25 ea)	Male & Female Quick Disc.	22 - 18 AWG	—
10	Ring Terminal	16 - 14 AWG	#10	50 (25 ea)	Male & Female Quick Disc.	16 - 14 AWG	—
10	Ring Terminal	16 - 14 AWG	5/16"	50 (25 ea)	Male & Female Quick Disc.	12 - 10 AWG	—
10	Ring Terminal	16 - 14 AWG	1/4"	30 (15 ea)	Male & Female Bullet	16 - 14 AWG	—
10	Ring Terminal	16 - 14 AWG	3/8"	20 (10 ea)	Male & Female Ins. Quick Disc.	22 - 18 AWG	—
10	Ring Terminal	16 - 14 AWG	#6	20 (10 ea)	Male & Female Ins. Quick Disc.	16 - 14 AWG	—
10	Ring Terminal	12 - 10 AWG	#8	20 (10 ea)	Male & Female Ins. Quick Disc.	12 - 10 AWG	—
10	Ring Terminal	12 - 10 AWG	#10	10	Step Down Butt Splice	16 - 14 to 22 - 18 AWG	—
10	Ring Terminal	12 - 10 AWG	5/16"	10	Step Down Butt Splice	12 - 10 to 16 - 14 AWG	—
10	Ring Terminal	12 - 10 AWG	1/4"	1	Ratchet Crimp Tool	—	—
10	Ring Terminal	12 - 10 AWG	3/8"	1	Metal Case with Dividers	—	—
15	Ring Terminal	#8 AWG	#10				

BURCAP TYPES YQE, RK

B-94

PIGTAIL SPLICE,  
NYLON-INSULATED

Rated at 600 volts for building wire and 1000 volts for fixtures and signs, the BURCAP is designed to splice a wide range of different cable sizes.



Catalog Number	Wire Combinations								Total Area Circular Mils	Dimension in Inches			Installation Tools M8ND, Y8ND, HYTOOL™	Wire Strip Length
										L	B	C		
YQE-91†	1 # 16 & 1 # 18,								4205	0.76	0.30	0.24	N150WT	5/16"
	2# 18								3250					
*RK141-2	RK141ABOX100				RK142ABOX100				500 - 5,180	0.61 (16, 4)	0.31 (7, 9)	0.27 (8, 6)		
	22	20	18	16	18	16	14	12						
*RK142-2	7					1		1	2,400 - 13,100	0.72 (18, 3)	0.44 (11, 2)	0.38 (9, 8)		
	6	1				2		1						
	5		1			3		1						
	4	2			1			1						
	4		1		2			1						
	3	2			3			1						
	3		2			1	1							
	3			1		2	1							
	2	3			1		1							
	2		2		2		1							
	2			1	3		1							
	1	4			2	2	1							
	1		2				2							
	1			1	1	1								
		4			2	1								
		3	1		3	1								
		2	2		4	1								
		2		1	1	2								
		1	2		2	2								
		1		1	3	2								
			3			2								
			2		1	3								
						3								
							5							

NOTE:

- \* Convenience Package. For Box quantity, order RK141ABOX100 and RK142ABOX100 respectively.
- † This item is UL Listed