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Most frequently ordered catalog numbers are highlighted in BLUE

Performance

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 UL 486	
	Test Current (Amps)	Max. Voltage Drop (Mv.)	Min. Tensile Strength (lbs)	Min. Tensile Strength (lbs)	Test Current For Max. 50°C Rise (Amps)
26	3	8	7	3	5.5
24	4.5	8	10	5	7
22	9	7	15	8	9
20	11	6	19	13	12
18	16	5	38	20	17
16	22	7	50	30	18
14	32	6	70	50	30
12	41	5	110	70	35
10	55	5	150	80	50
8	73	5	225	90	70
6	101	5	300	100	95
4	135	5	400	140	125
2	181	5	550	180	170
1	211	5	650	200	195
1/0	245	5	700	250	230
2/0	283	5	750	300	265
3/0	320	5	825	350	310
4/0	380	5	875	450	360

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

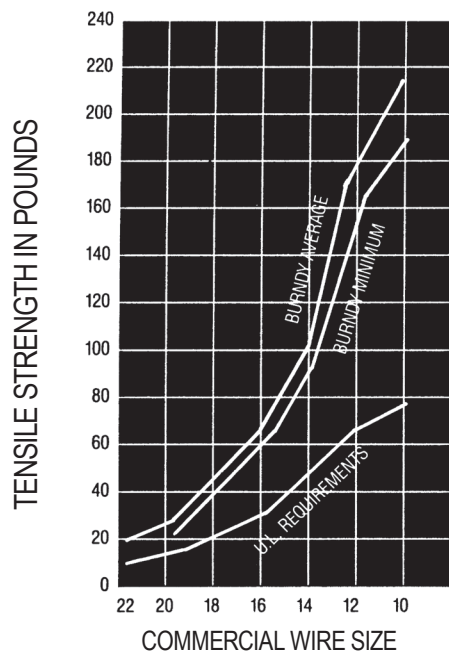


Fig. 2. Tensile strength of BA VINYLUG™ after axial rotation stresses.

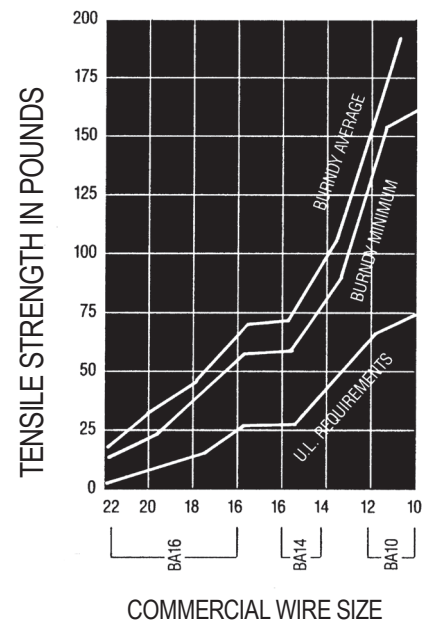


Fig. 3. Tensile strength of YAES INSULUG™ after vibration.

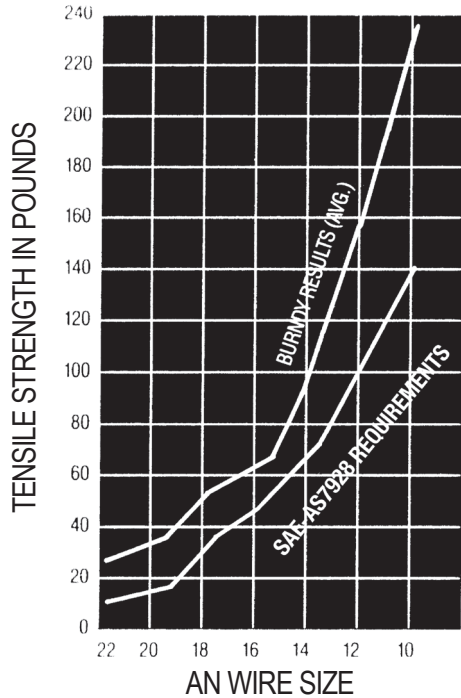


Fig. 5. Voltage drops of YAES at currents per Table 1 after vibration.

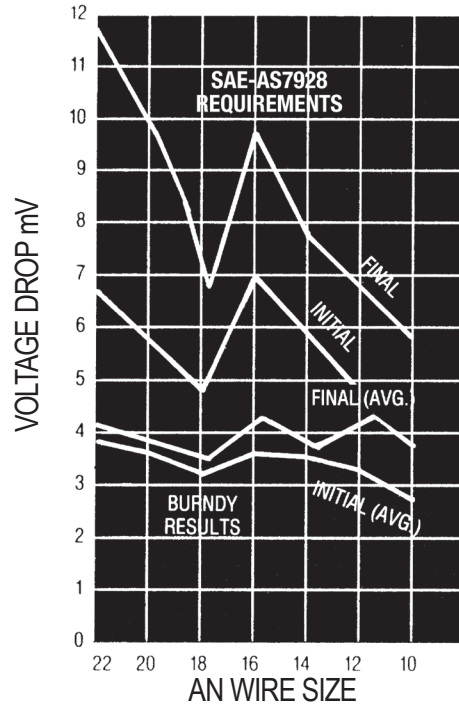
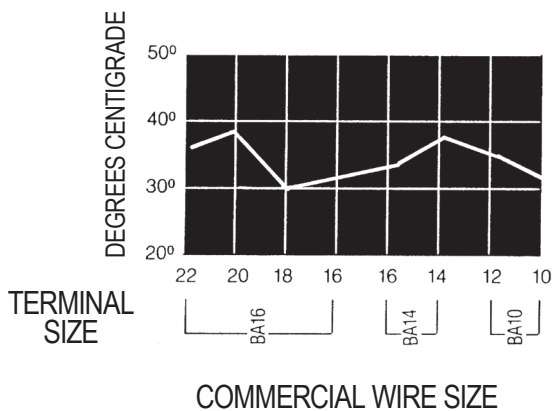


Fig. 4. Temperature rise of BA VINYLUG™ at currents per Table 1.



EQUIVALENT TABLES

MILITARY SPECIFICATIONS

Terminals

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

AS25036 Dash No.	Catalog Number	Class 1	Class 2	AS25036 Dash No.	Catalog Number	Class 1	Class 2
101	YAES18N1	X	X	124	YAEV4CL4	X	X
	YAE18G43		X	125	YAEV4CL2	X	X
102	YAES18N2	X	X	126	YAEV2CL1	X	X
	YAE18N21		X	127	YAEV2CL	X	X
103	YAES18N3	X	X	128	YAEV2CL4	X	X
	YAE18N		X	129	YAEV1CL1	X	X
104	YAES18N4	X	X	130	YAEV1CL	X	X
	YAE18N3		X	131	YAEV1CL3	X	X
105	YAES18N5	X	X	132	YAEV25L1	X	X
				133	YAEV25L	X	X
106	YAES14N6	X	X	134	YAEV25L3	X	X
	YAE14N43		X	135	YAEV26L2	X	X
107	YAES14N7	X	X	136	YAEV26L	X	X
	YAE14N43		X				
108	YAES14N8	X	X	137	YAEV26L3	X	X
	YAE14N		X	143	YAE22G18		X
109	YAES14N9	X	X	144	YAE22G16		X
	YAE14N3		X	145	YAE22G13		X
110	YAES14N10	X	X	146	YAE22G14		X
	YAE14N4		X	147	YAE22G15		X
111	YAES10N11	X	X	148	YAES18N48	X	X
	YAE10N5		X		YAE18N17		X
112	YAES10N12	X	X	149	YAES18N49	X	X
	YAE10N		X		YAE18N1		X
113	YAES10N13	X	X	150	YAES18N50	X	X
	YAE10N2		X		YAE18N		X
114	YAES10N14	X	X	152	YAES14N52	X	X
	YAE10N4		X	153	YAES14N53	X	X
115	YAEV8CL	X	X			YAE14N1	
116	YAEV8CL1	X	X	154	YAES14N54	X	X
117	YAEV8CL2	X	X			YAE14N2	
118	YAEV8CL3	X	X	155	YAES14N55	X	X
119	YAEV6CL1M	X	X	156	YAES10N56	X	X
120	YAEV6CLM	X	X			YAE10N11	
121	YAEV6CL4M	X	X	157	YAES1-N57	X	X
122	YAEV6CL2M	X	X			YAE10N3	
123	YAEV4CL	X	X	158	YAES10N58	X	X

Terminals

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

AS20659 Dash No.	Catalog Number	Class 1	Class 2	AS20659 Dash No.	Catalog Number	Class 1	Class 2
105	YAV10	X	X	134	YAV1CL3	X	X
106	YAV10T2	X	X	135	YAV25L3	X	X
107	YAV8CL	X	X	136	YAV26L3	X	X
108	YAV8CL2	X	X	137	YAV28L54	X	X
109	YAV6CL	X	X	140	YAV8CL14	X	X
110	YAV6CL2	X	X	141	YAV8CL1	X	X
111	YAV4CL	X	X	142	YAV8CL4	X	X
112	YAV4CL2	X	X	143	YAV6CL10	X	X
113	YAV2CL1	X	X	144	YAV4CL3	X	X
114	YAV2CL	X	X	145	YAV4CL5	X	X
115	YAV1CL1	X	X	146	YAV2CL3	X	X
116	YAV1CL	X	X	147	YAV2CL2	X	X
117	YAV25L1	X	X	148	YAV2CL11	X	X
118	YAV25L	X	X	149	YAV1CL2	X	X
119	YAV26L2	X	X	150	YAV1CL4	X	X
120	YAV26L	X	X	151	YAV25L2	X	X
121	YAV27L	X	X	152	YAV25L16	X	X
122	YAV27L1	X	X	153	YAV26L1	X	X
123	YAV28L	X	X	154	YAV26L16	X	X
124	YAV28L12	X	X	155	YAV27L20	X	X
128	YAV10T4	X	X	156	YAV27L18	X	X
129	YAV8CL3	X	X	157	YAV28L56	X	X
130	YAV6CL1	X	X	158	YAV28L60	X	X
131	YAV6CL4	X	X	159	YAV28L13	X	X
132	YAV4CL4	X	X	160	YAV28L14	X	X
133	YAV2CL4	X	X	165	YAV10T7	X	X

Main Office Cage Code Number: 1NJK8

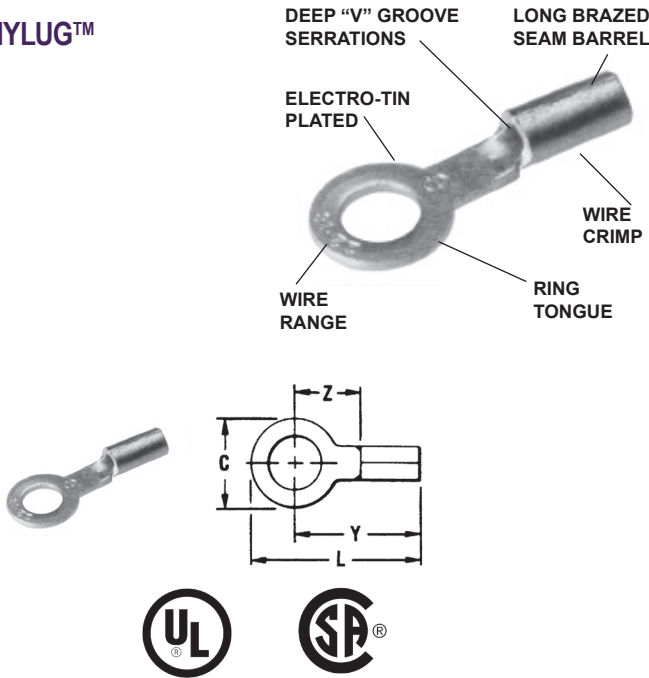
Notes:

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.

TYPES T AND YAD

HYLUG™



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.

Features & Benefits

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

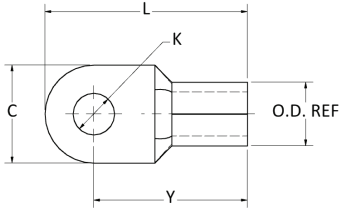
NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Catalog Number	Wire Range AWG, AN, Aircraft	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Tape Fed Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.					
T184	22 AWG- 18 AWG	#3 - #4	0.25	0.65	0.53	0.24	YAD184	YAD184M	OEM175TFM Tool with TFM2214B Die	9/32"	
T186		#4 - #6	0.25	0.65	0.53	0.24	YAD186				
T188		#6 - #8	0.31	0.77	0.61	0.33	YAD188				
T1810		#8 - #10	0.31	0.77	0.61	0.33	YAD1810				
T1814		1/4	0.45	0.96	0.73	0.44	YAD1814				
T18516		5/16	0.45	0.96	0.73	0.44	YAD18516				
T1838		3/8	0.53	1.05	0.78	0.49	YAD1838				
T144	20 AWG- 14 AWG	#3 - #4	0.25	0.67	0.55	0.26	YAD144	YAD146M YAD148M YAD1410M YAD1414M — YAD1438M	OEM175TFM Tool with TFM2214B Die	9/32"	
T146		#4 - #6	0.25	0.67	0.55	0.26	YAD146				
T148		#6 - #8	0.31	0.77	0.61	0.33	YAD148				
T1410		#8 - #10	0.31	0.77	0.61	0.33	YAD1410				
T1414		1/4	0.45	0.96	0.73	0.44	YAD1414				
T14516		5/16	0.45	0.96	0.73	0.44	YAD14516				
T1438		3/8	0.53	1.05	0.78	0.49	YAD1438				
T106	12 AWG- 10 AWG	#4 - #6	0.37	0.83	0.64	0.29	YAD106	YAD108M — YAD1014M YAD10516M YAD1038M	OEM175TFM Tool with TFM1210B Die	11/32"	
T108		#6 - #8	0.37	0.83	0.64	0.29	YAD108				
T1010		#8 - #10	0.38	0.83	0.64	0.29	YAD1010				
T1014		1/4	0.46	0.97	0.74	0.39	YAD1014				
T1016		5/16	0.53	1.02	0.76	0.41	YAD10516				
T1038		3/8	0.58	1.08	0.79	0.44	YAD1038				
T1012*		1/2	0.69	1.21	0.86	0.61	—				

* Not UL Listed or CSA Certified.

TYPE YAD

HYLUG™



The YAD un-insulated 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 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	C	K Dia.	L	OD	T	Y	Installation Tooling				Wire Strip Length	
									Mechanical Tooling	Hydraulic Tooling (requires nest & indenter)				Dieless Tooling (no dies required)
										Tool	Die Nest	Indenter		
YAD8CM4E8	8 AWG [6-10]	#8	0.40	0.17	0.83	0.26	0.04	0.63	Y1MRTC Y8MRB1 Red Groove	35 and 750 Series	UV8L UM8CN	Y34PL UMA	3/8"	
YAD8CM5E10		#10	0.40	0.21	0.83	0.26	0.04	0.63						
YAD8CM6E14		1/4	0.43	0.26	0.89	0.26	0.04	0.67						
YAD8CM8E516		5/16	0.55	0.33	1.06	0.26	0.04	0.79						
YAD8CM10E38		3/8	0.71	0.41	1.18	0.26	0.04	0.83						
YAD8CM12E12		1/2	0.87	0.51	1.34	0.26	0.04	0.91						
YAD8CM16E58		5/8	1.10	0.67	1.93	0.26	0.04	1.38						
YAD6CM5E10	6 AWG [10-16]	#10	0.43	0.21	1.00	0.32	0.05	0.79	Y1MRTC Blue Groove	35 and 750 Series	UV6L UM6CN	Y34PL UMB	7/16"	
YAD6CM6E14		1/4	0.43	0.26	1.00	0.32	0.05	0.79						
YAD6CM8E516		5/16	0.55	0.33	1.14	0.32	0.05	0.87						
YAD6CM10E38		3/8	0.71	0.41	1.30	0.32	0.05	0.95						
YAD6CM12E12		1/2	0.87	0.51	1.46	0.32	0.05	1.02						
YAD4CM5E10	4 AWG [16-25]	#10	0.47	0.21	1.22	0.41	0.06	0.98	—	35 and 750 Series	UV2L UM4CN	Y34PR UMB	1/2"	
YAD4CM6E14		1/4	0.47	0.26	1.22	0.41	0.06	0.98						
YAD4CM8E516		5/16	0.63	0.33	1.30	0.41	0.06	0.98						
YAD4CM10E38		3/8	0.71	0.41	1.38	0.41	0.06	1.02						
YAD4CM12E12		1/2	0.87	0.51	1.65	0.41	0.06	1.22						
YAD4CM16E58		5/8	1.10	0.67	1.93	0.41	0.06	1.38						
YAD4CM20E34	3/4	1.10	0.80	1.93	0.41	0.06	1.38							
YAD2CM6E14	2 AWG [25-35]	1/4	0.59	0.26	1.32	0.48	0.06	1.02	—	35 and 750 Series	U1CD1 UM2CN	Y34PR UMB	17/32"	
YAD2CM8E516		5/16	0.63	0.33	1.34	0.48	0.06	1.02						
YAD2CM10E38		3/8	0.71	0.41	1.42	0.48	0.06	1.06						
YAD2CM12E12		1/2	0.87	0.51	1.65	0.48	0.06	1.22						
YAD2CM16E58		5/8	1.10	0.67	1.97	0.48	0.06	1.42						
YAD2CM20E34	3/4	1.10	0.80	1.97	0.48	0.06	1.42							
YAD1CM6E14	1 AWG [35-50]	1/4	0.71	0.26	1.69	0.57	0.07	1.34	—	35 and 750 Series	UV26L	Y34PA	3/4"	
YAD1CM8E516		5/16	0.71	0.33	1.69	0.57	0.07	1.34						
YAD1CM10E38		3/8	0.71	0.41	1.69	0.57	0.07	1.34						
YAD1CM12E12		1/2	0.87	0.51	1.85	0.57	0.07	1.42						
YAD1CM16E58		5/8	1.10	0.67	2.13	0.57	0.07	1.57						
YAD1CM20E34		3/4	1.10	0.80	2.13	0.57	0.07	1.57						
YAD25M6E14	1/0 AWG [35-50]	1/4	0.71	0.26	1.69	0.57	0.07	1.34	—	35 and 750 Series	UV26L UM25N	Y34PA UMC	3/4"	
YAD25M8E516		5/16	0.71	0.33	1.69	0.57	0.07	1.34						
YAD25M10E38		3/8	0.71	0.41	1.69	0.57	0.07	1.34						
YAD25M12E12		1/2	0.87	0.51	1.85	0.57	0.07	1.42						
YAD25M16E58		5/8	1.10	0.67	2.13	0.57	0.07	1.57						
YAD25M20E34	3/4	1.10	0.80	2.13	0.57	0.07	1.57							

TYPE YAD (Continued)



Catalog Number	Wire Range Copper Code & Flex [mm]	Stud Size	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	0.87	0.26	1.93	0.67	0.08	1.50	35 and 750 Series	U28D1 UM26N	Y34PR2 UMC	13/16"	
YAD26M8E516		5/16	0.87	0.33	1.93	0.67	0.08	1.50					
YAD26M10E38		3/8	0.87	0.41	1.93	0.67	0.08	1.50					
YAD26M12E12		1/2	0.87	0.51	1.93	0.67	0.08	1.50					
YAD26M16E58		5/8	1.10	0.67	2.20	0.67	0.08	1.65					
YAD26M20E34		3/4	1.10	0.80	2.20	0.67	0.08	1.65					
YAD27M8E516	3/0 AWG [70-95]	5/16	0.95	0.33	2.13	0.79	0.10	1.65	35 and 750 Series	U29D1 UM27N	Y34PR2 UMC	7/8"	
YAD27M10E38		3/8	0.95	0.41	2.13	0.79	0.10	1.65					
YAD27M12E12		1/2	0.95	0.51	2.13	0.79	0.10	1.65					
YAD27M16E58		5/8	1.10	0.67	2.28	0.79	0.10	1.73					
YAD27M20E34		3/4	1.10	0.80	2.28	0.79	0.10	1.73					
YAD28M6E14	4/0 AWG [95-120]	1/4	0.95	0.26	2.20	0.89	0.12	1.73	35 and 750 Series	U32D1 UM28N	Y34PR2 UMC	1"	
YAD28M8E516		5/16	0.95	0.33	2.20	0.89	0.12	1.73					
YAD28M10E38		3/8	0.95	0.41	2.20	0.89	0.12	1.73					
YAD28M12E12		1/2	0.95	0.51	2.20	0.89	0.12	1.73					
YAD28M16E58		5/8	1.10	0.67	2.44	0.89	0.12	1.89					
YAD28M20E34		3/4	1.10	0.80	2.44	0.89	0.12	1.89					
YAD30M10E38	250-300 kcmil [120-150]	3/8	1.18	0.41	2.56	1.00	0.13	1.97	46 Series 750 Series	P34D UM30N	P48PR2 UME	1-1/8"	
YAD30M12E12		1/2	1.18	0.51	2.56	1.00	0.13	1.97					
YAD30M16E58		5/8	1.18	0.67	2.56	1.00	0.13	1.97					
YAD30M20E34		3/4	1.18	0.80	2.56	1.00	0.13	1.97					
YAD31M10E38	300-350 kcmil [150-185]	3/8	1.42	0.41	2.68	1.12	0.14	1.97	46 Series 750 Series	P34D UM31N	P48PR2 UME	1-1/4"	
YAD31M12E12		1/2	1.42	0.51	2.68	1.12	0.14	1.97					
YAD31M16E58		5/8	1.42	0.67	2.68	1.12	0.14	1.97					
YAD31M20E34		3/4	1.42	0.80	2.68	1.12	0.14	1.97					
YAD33M10E38	400-450 kcmil [185-240]	3/8	1.50	0.41	2.95	1.24	0.16	2.20	46 Series 750 Series	P36D UM33N	P48PR2 UME	1-3/8"	
YAD33M12E12		1/2	1.50	0.51	2.95	1.24	0.16	2.20					
YAD33M16E58		5/8	1.50	0.67	2.95	1.24	0.16	2.20					
YAD33M20E34		3/4	1.50	0.80	2.95	1.24	0.16	2.20					
YAD36M10E38	500-600 kcmil [240-300]	3/8	1.97	0.41	3.70	1.44	0.18	2.72	46 Series 750 Series	P44D UM36N	P48PR2 UME	1-1/2"	
YAD36M12E12		1/2	1.97	0.51	3.70	1.44	0.18	2.72					
YAD36M16E58		5/8	1.97	0.67	3.70	1.44	0.18	2.72					
YAD36M20E34		3/4	1.97	0.80	3.70	1.44	0.18	2.72					

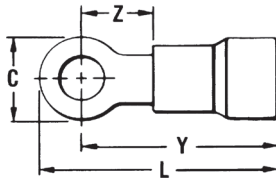
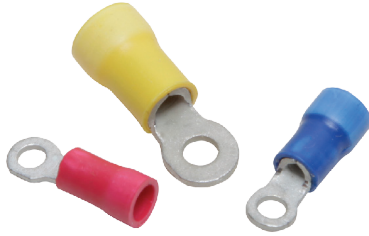
Small Terminals

Polyvinylchloride Insulated Compression Ring Tongue Terminal

TYPES TP AND BA

600 Volts Max., 105° C Max.

VINYLUG™



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.

Features & Benefits

- Expanded insulation support accepts standard and large wire diameters lowering inventory requirements and permitting greater flexibility along with insulation support
- Funnel entry for easy wire insertion
- Manufactured of pure electrolytic copper providing maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Deep V groove serrations in the inner barrel for added holding strength
- Electro-tin plating for durable, long-lasting corrosion resistance

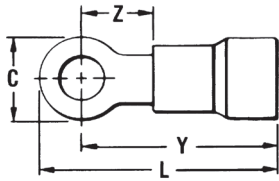
NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Catalog Number	Wire Range (AWG/kcmil)	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Tape Fed Installation Tooling	Wire Strip Length
			C	L	Y	Z					
TP164	22-16 Max. Insul. Dia. Accom...145 Color Code: Red	#3-#4	0.22	0.71	0.61	0.17	BA16E4	Plier Type: Y1022, Y10D or Ratchet Tool: MR8891, MR8G96, MR15 MRE1022NV	BA16E4M	OEM175TFM with TFM2218NV Die	13/64"
TP166		#6	0.25	0.74	0.62	0.18			BA16E6M		
TP168		#6 - #8	0.31	0.85	0.70	0.26			BA16E8M		
TP1610		#8 - #10	0.31	0.85	0.70	0.26			BA16E10M		
TP1614		1/4	0.40	0.99	0.79	0.36			BA16E14M		
TP16516*		5/16	0.47	1.11	0.88	0.41			—		
TP1638		3/8	0.53	1.15	0.88	0.45			BA16E38M		
TP144	16-14 Max. Insul. Dia. Accom...180 Color Code: Blue	#4	0.22	0.11	0.61	0.17	BA14E4	Plier Type: Y1022, Y10D or Ratchet Tool: MR8891, MR8G96, MR15 MRE1022NV	BA14E4M	OEM175TFM with TFM1614NV Die	13/64"
TP146		#6	0.25	0.74	0.62	0.18			BA14E6M		
TP148		#6 - #8	0.31	0.85	0.70	0.26			BA14E8M		
TP1410		#8 - #10	0.31	0.85	0.70	0.26			BA14E10M		
TP1414		1/4	0.40	0.99	0.79	0.36			BA14E14M		
TP14516		5/16	0.53	1.15	0.88	0.45			BA14E516M		
TP1438		3/8	0.53	1.15	0.88	0.45			—		
TP106	12-10 Max. Insul. Dia. Accom...260 Color Code: Yellow	#6	0.31	0.68	0.75	0.20	BA10E6	Plier Type: Y1022, Y10D or Ratchet: MR8891, MR15, M8ND w/N10HET23 MRE1022NV	BA10E6M	OEM175TFM with TFM1210NV Die	19/64"
TP108		#6 - #8	0.36	1.00	0.81	0.26			BA10E8M		
TP1010		#8-#10	0.36	1.00	0.81	0.26			BA10E10M		
TP1014		1/4	0.53	1.22	0.95	0.40			BA10E14M		
TP10516		5/16	0.53	1.22	0.95	0.42			—		
TP1038		3/8	0.53	1.27	1.00	0.45			BA10E38M		
TP1012*		1/2	0.69	1.51	1.17	0.61			—		

* Not UL Listed or CSA Certified.

TYPES TN AND YAES

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.

600 Volts Max., 105° C Max

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.

Features & Benefits

- Integral one-piece copper barrel / insulation grip and wire strain relief design for improved physical strength characteristics over a multi-piece design
- Manufactured of pure electrolytic copper for maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Brazed seam provides a stronger barrel design, minimizes any possible splitting and eliminated folding
- Deep inner barrel serrations and smooth funnel entry for excellent conductivity and pullout strength values along with easy wire insertion
- Insulation is locked in place, will not twist off, maintaining proper dielectric values
- Electro-tin plated for durable, long lasting resistance to corrosion
- Color-coded and clearly marked for quick, easy wire size identification
- Ring tongue provides a secure termination under the screw head that cannot be removed without complete removal of the screw, allowing two or more terminals to be stacked on a common stud

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.			
TN184	22-18 Max. Insul. Dia. Accom.: .120 Color Code: Red	#3 - #4	-148	0.23	0.76	0.64	0.20	YAES18N48	Ratchet: MR883♦ MRE1022NV Non-Ratchet: Y10D, Y1022	7/32
TN186		#4 - #6	-101	0.25	0.76	0.64	0.20	YAES18N1		
TN186G1*		#4 - #6	-102	0.25	0.87	0.74	0.49	YAES18N2		
TN188		#6 - #8	-149	0.31	0.91	0.76	0.29	YAES18N49		
TN1810		#8 - #10	-103	0.31	0.91	0.76	0.29	YAES18N3		
TN1814		#12-1/4	-150	0.46	1.09	0.87	0.41	YAES18N50		
TN18516		5/16	-104	0.46	1.09	0.87	0.41	YAES18N4		
TN1838		3/8	-105	0.53	1.17	0.91	0.45	YAES18N5		
TN144	16-14 Max. Insul. Dia. Accom.: .153 Color Code: Blue	#3 - #4	-152	0.25	0.79	0.67	0.24	YAES14N52	Ratchet: MR883♦ MRE1022NV Non-Ratchet: Y10D, Y1022	7/32
TN146		#4 - #6	-106	0.25	0.79	0.67	0.24	YAES14N6		
TN146G1*		#4 - #6	-107	0.30	0.91	0.76	0.51	YAES14N7		
TN148		#6 - #8	-153	0.31	0.89	0.74	0.31	YAES14N53		
TN1410		#8 - #10	-108	0.31	0.89	0.74	0.31	YAES14N8		
TN1414		#12-1/4	-154	0.45	1.08	0.86	0.43	YAES14N54		
TN14516		5/16	-109	0.45	1.08	0.86	0.43	YAES14N9		
TN1438		3/8	-110	0.53	1.16	0.90	0.47	YAES14N10		
TN106	12-10 Max. Insul. Dia. Accom.: .210 Color Code: Yellow	#4 - #6	-111	0.37	1.12	0.94	0.26	YAES10N11	Ratchet: MR883♦ MRE1022NV Non-Ratchet: Y10D, Y1022	11/32
TN108		#6 - #8	-156	0.37	1.12	0.94	0.26	YAES10N56		
TN1010		#8 - #10	-112	0.37	1.12	0.94	0.26	YAES10N12		
TN1014		#12-1/4	-157	0.53	1.32	1.06	0.37	YAES10N57		
TN10516		5/16	-113	0.53	1.32	1.06	0.37	YAES10N13		
TN1038		3/8	-114	0.58	1.34	1.05	0.40	YAES10N14		
TN1012*		1/2	-158	0.69	1.51	1.18	0.61	YAES10N58		

* Not UL Listed or CSA Certified.

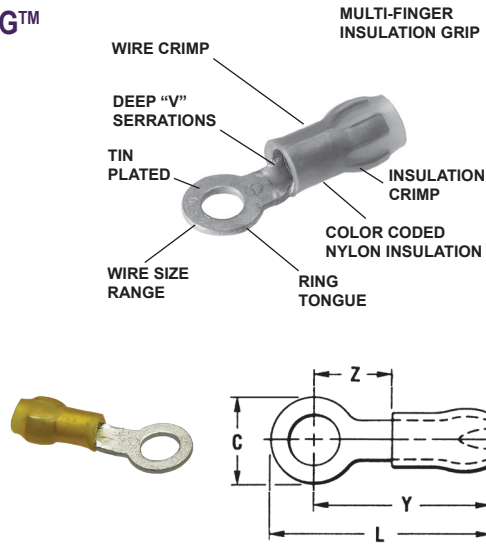
♦QPL Class II when installed with MR833 ratchet tool.

TYPE YAE-G

INSULUG™



300 Volts Max., 105° C Max.



INSULUG™ Type YAE-G 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-G terminals are rated 105° C and meet military standard AS25036 Class 2 and SAE-AS7928 requirements.

Features & Benefits

- Multi-finger insulation grip for superior holding characteristics, especially on EPR and other elastic-type insulations
- Brazed seam for stronger, more durable termination
- Manufactured of pure electrolytic copper providing maximum conductivity, low resistance, and ductility for excellent crimp forming properties
- Deep V groove, inner barrel serrations for optimum conductivity, reliability, and holding power
- Smooth funnel entry provides 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	Tape Fed Installation Tooling †	Wire Strip Length
				C	L Max.	Y Max.	Z Max.					
YAE22G18BOX	26-20 Max. Insul. Dia. Accom.: .098 Color Code: Amber	#2	143	0.15	0.69	0.62	0.22	YAE22G18	M8ND♦ with N14HET25V1 Die MR81A	YAE22G18M	† OEM175TFM with TFM2218NV 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

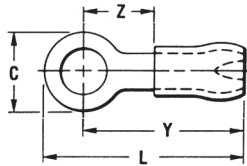
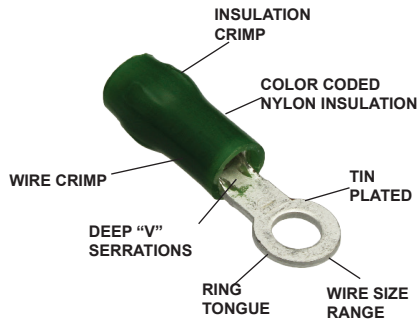
** Class 2

† Only with #22-#20 AWG wire

♦QPL Class II when installed with M8ND tool with N14HET25V1 Die

TYPE YAE-N

INSULUG™



600 Volts Max., 105° C Max

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 for a stronger, more durable termination
- Manufactured of pure electrolytic copper for maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Deep V groove, inner barrel serrations for optimum conductivity, reliability, and holding power
- Smooth funnel entry for 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.

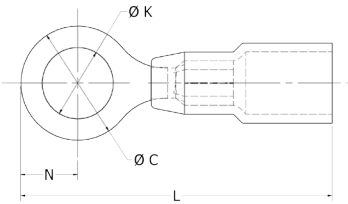
Catalog Number	Wire Range	Stud Size	***SAE-AS25036	Dimensions				Bulk Catalog Number	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Tape Fed Installation Tooling	Wire Strip Length
				C	L Max.	Y Max.	Z Min.					
YAE18N26BOX	22 - 16	#4	—	0.22	0.78	0.70	0.19	YAE18N26	MR81A, MR833T1, MRE1022NV (no extra dies required) M8ND with one of the following dies: N14HET25V1, N10ET9, N14HET15, N10ET23♦ or Y10D, Y1022	YAE18N26M	OEM175TFM with TFM2218NV Die	3/16"
YAE18N21BOX		#4-#6	102	0.25	0.89	0.77	0.28	YAE18N21		YAE18N21M		
YAE18N1BOX		#8	149	0.31	0.92	0.79	0.28	YAE18N1		—		
YAE18N24BOX		#6-#8	—	0.28	0.90	0.77	0.28	YAE18N24		YAE18N24M		
YAE18NBOX		#8-#10	103 150	0.31	0.92	0.77	0.28	YAE18N		YAE18NM		
YAE18N2BOX		1/4	—	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	—	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	MR81A, MR833T1, MRE1022NV (no extra dies required) M8ND with one of the following dies: N14HET25V1, N10ET9, N14HET15, N10ET23♦ or Y10D, Y1022	YAE14N43M	OEM175TFM with TFM1614NV Die	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	MR81A, MR833T1, MRE1022NV (no extra dies required) Y10D M8ND with N12HET1	YAE12N9M	OEM175TFM with TFM1210NV Die	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	MR833T1, MRE1022NV (no extra dies required) M8ND with one of the following dies: N10HET15, N10ET9, N10ET23♦ Y10D Y1022	YAE10N5M	OEM175TFM with TFM1210NV Die	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	—		—		

* Not UL Listed or CSA Certified.

♦QPL Class II when installed with M8ND tool with N10ET23 Die

TYPE YHSA

HYDENT™



Copper Conductor; -55° through 110° C

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

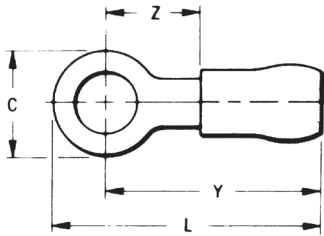
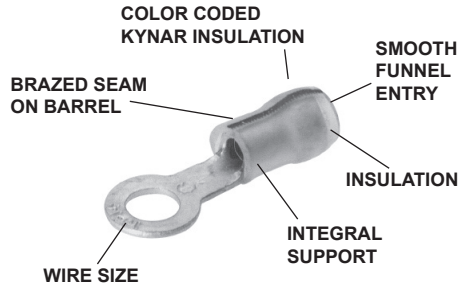
- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro-tin plated for corrosion resistance

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
				C	K	L	N	Tongue Thickness		
YHSA18K6	YHSA18K6RK	4-6	22-18 AWG	0.29	0.14	1.18	0.14	0.03	MR22	5/16
YHSA18K8	YHSA18K8RK	6-8	22-18 AWG	0.32	0.17	1.18	0.17	0.03	MR22	5/16
YHSA18K10	YHSA18K10RK	8-10	22-18 AWG	0.32	0.20	1.18	0.33	0.03	MR22	5/16
YHSA18K14	YHSA18K14RK	1/4	22-18 AWG	0.47	0.27	1.40	0.38	0.03	MR22	5/16
YHSA18K516	YHSA18K516RK	5/16	22-18 AWG	0.47	0.33	1.40	0.23	0.04	MR22	5/16
YHSA18K38	YHSA18K38RK	3/8	22-18 AWG	0.56	0.40	1.45	0.28	0.03	MR22	5/16
YHSA14K6	—	4-6	16-14 AWG	0.30	0.14	1.18	0.15	0.04	MR22	5/16
YHSA14K8	YHSA14K8RK	6-8	16-14 AWG	0.32	0.17	1.18	0.16	0.03	MR22	5/16
YHSA14K10	YHSA14K10RK	8-10	16-14 AWG	0.32	0.20	1.18	0.17	0.03	MR22	5/16
YHSA14K14	YHSA14K14RK	1/4	16-14 AWG	0.47	0.26	1.40	0.23	0.03	MR22	5/16
YHSA14K516	—	5/16	16-14 AWG	0.47	0.33	1.35	0.23	0.04	MR22	5/16
YHSA14K38	YHSA14K38RK	3/8	16-14 AWG	0.56	0.40	1.45	0.28	0.03	MR22	5/16
YHSA10K6	—	4-6	12-10 AWG	0.34	0.14	1.15	0.17	0.04	MR22	5/16
YHSA10K8	—	6-8	12-10 AWG	0.34	0.17	1.15	0.17	0.04	MR22	5/16
YHSA10K10	YHSA10K10RK	8-10	12-10 AWG	0.34	0.20	1.15	0.18	0.04	MR22	5/16
YHSA10K14	YHSA10K14RK	1/4	12-10 AWG	0.56	0.26	1.45	0.15	0.04	MR22	5/16
YHSA10K516	—	5/16	12-10 AWG	0.56	0.34	1.45	0.28	0.04	MR22	5/16
YHSA10K38	YHSA10K38RK	3/8	12-10 AWG	0.56	0.40	1.45	0.28	0.04	MR22	5/16
YHSA10K12	YHSA10K12RK	1/2	12-10 AWG	0.69	0.53	1.69	0.36	0.04	MR22	5/16

TYPE YAES-K

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.

KYNAR - is a registered trademark of the Penwalt Corp. for Polyvinylidene Fluoride (PVF₂)
HYPALON - Is a registered trademark of the E.I. DuPont deNemours & Co., Inc.

200 Megarads., -60° through 150°C, 600 Volts

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.

Features & Benefits

- Insulation provides 200 megarad radiation resistance plus successfully tested for insulation compatibility
- 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 and will not move or twist off, thereby maintains proper dielectric values
- Manufactured from pure electrolytic copper to provide maximum conductivity, low resistance and ductility for excellent crimp forming properties.
- Bright tin-plated per MIL-T-10727 for durable long-lasting resistance to corrosion
- Deep inner barrel serrations provides excellent electrical conductivity and tensile strength values
- Brazed seam gives a stronger barrel design to minimize any possible splitting and eliminates folding
- Smooth funnel entry for 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 for visual identification that the correct tool and die were used for proper installation
- Inspection hole gives an additional visual check to ensure 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 providing flexibility and versatility

TYPE YAES-K (Continued)

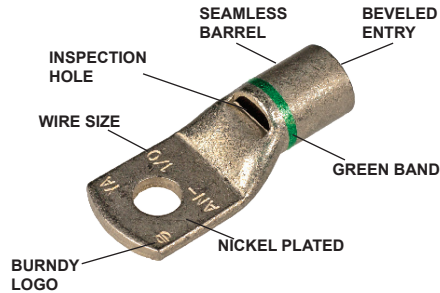


NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

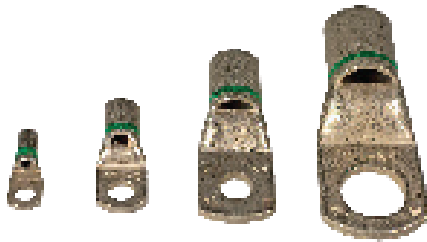
Catalog Number	Stud Size	Conductor Size	Dimensions				Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Max.		
YAES18K1	#6	22-18 AWG str. Max. Insul. Dia. Accom.: 0.12 Color Code: Red	0.23	0.76	0.64	0.20	Ratchet Tool: MR10G6 Crimp Mark: (1) Small Dot Red Groove Calibration Gauge: PG3731	7/32"
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: PG3711	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: PG3721	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		

TYPE YAV

HYLUG™



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.



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 terminal 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

- Nickel plated for high temperature applications up to 650° F continuous service and 750° F intermittent service
- Provided with green band per AS20659 Revision F
- Manufactured from seamless pure electrolytic copper tubing to provide maximum conductivity, low resistance, and excellent ductility for crimping
- Double thick tongue provides a structurally strong terminal tongue
- Produced from tubular copper, extra copper material assures the compression terminal will operate cooler than the conductors it connects
- Internally beveled barrel for easy cable entry, especially for flexible conductors
- Inspection hole provides easy visual check for proper conductor insertion

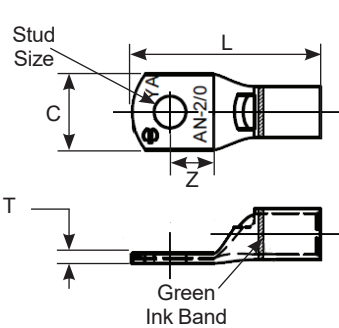


Figure 1
(straight)

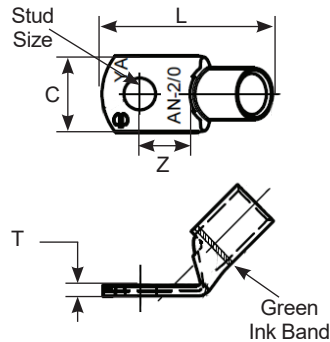


Figure 2
(45°)

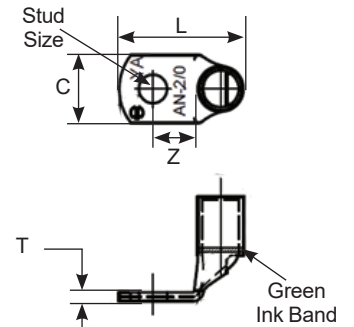


Figure 3
(90°)

Note:

Bottom Stack Options
(see Config "A", "B", or "C" bottom lug) may be available, please contact technical service.

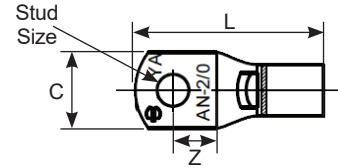


Small Terminals

Nickel Plated, SAE AS20659 Green Banded
Compression Ring Tongue Terminals

TYPE YAV (Continued)

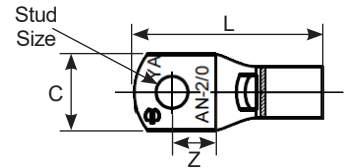
NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Catalog Number	SAE-AS20659	Copper Conductor		Fig. #	Stud Size	Dimensions				Installation Tooling (# crimps)					Wire Strip Length
		Code AWG	Aircraft Cable			C	L	T	Z	Die Index	Die Type	Y29 Series	35, 750 Series	Dieless Tools	
YAV10265	265	10-12	AN 12-10	1	#6	0.30	0.83	0.07	0.24	—	—	—	—	MR89Q (1)	7/16"
YAV1026545	—			2			0.94								
YAV1026590	—			3			0.58								
YAV10205	205	10-12	AN 12-10	1	#10	0.38	0.88	0.06	0.26	—	—	—	—	MR89Q (1)	7/16"
YAV1020545	—			2			0.96								
YAV1020590	—			3			0.62								
YAV10270	270	10-12	AN 12-10	1	1/4	0.47	1.06	0.05	0.34	—	—	—	—	MR89Q (1)	7/16"
YAV1027045	—			2			1.09								
YAV1027090	—			3			0.75								
YAV10206	206	10-12	AN 12-10	1	5/16	0.53	1.03	0.04	0.31	—	—	—	—	MR89Q (1)	7/16"
YAV1020645	—			2			1.06								
YAV1020690	—			3			0.75								
YAV10228	228	10-12	AN 12-10	1	3/8	0.56	1.08	0.04	0.37	—	—	—	—	MR89Q (1)	7/16"
YAV1022845	—			2			1.13								
YAV1022890	—			3			0.82								
YAV10266	266	10-12	AN 12-10	1	1/2	0.72	1.66	0.04	0.38	—	—	—	—	MR89Q (1)	7/16"
YAV1026645	—			2			1.22								
YAV1026690	—			3			0.91								
YAV8CL240	240	8	AN 8	1	#8	0.41	1.09	0.08	0.28	38	Nest Indentor	DV8L1 UV8L	Y29PL Y34PL	MY28, MY2911 (1)	1/2"
YAV8CL24045	—			2			1.12								
YAV8CL24090	—			3			0.68								
YAV8CL207	207	8	AN 8	1	#10	0.41	1.09	0.08	0.28	38	Nest Indentor	DV8L1 UV8L	Y29PL Y34PL	MY28, MY2911 (1)	1/2"
YAV8CL20745	—			2			1.15								
YAV8CL20790	—			3			0.71								
YAV8CL241	241	8	AN 8	1	1/4	0.46	1.16	0.07	0.33	38	Nest Indentor	DV8L1 UV8L	Y29PL Y34PL	MY28, MY2911 (1)	1/2"
YAV8CL24145	—			2			1.17								
YAV8CL24190	—			3			0.77								
YAV8CL208	208	8	AN 8	1	5/16	0.57	1.24	0.06	0.35	38	Nest Indentor	DV8L1 UV8L	Y29PL Y34PL	MY28, MY2911 (1)	1/2"
YAV8CL20845	—			2			1.25								
YAV8CL20890	—			3			0.84								
YAV8CL229	229	8	AN 8	1	3/8	0.57	1.24	0.06	0.35	38	Nest Indentor	DV8L1 UV8L	Y29PL Y34PL	MY28, MY2911 (1)	1/2"
YAV8CL22945	—			2			1.25								
YAV8CL22990	—			3			0.84								
YAV8CL242	242	8	AN 8	1	1/2	0.73	1.46	0.04	0.48	38	Nest Indentor	DV8L1 UV8L	Y29PL Y34PL	MY28, MY2911 (1)	1/2"
YAV8CL24245	—			2			1.44								
YAV8CL24290	—			3			1.06								
YAV6CL230	230	6	AN 6	1	#10	0.48	1.25	0.08	0.29	39	Nest Indentor	DV6L Y29PL	UV6L Y34PLA	MY28, MY2911 (1)	1/2"
YAV6CL23045	—			2			1.27								
YAV6CL23090	—			3			0.77								
YAV6CL209	209	6	AN 6	1	1/4	0.48	1.25	0.08	0.29	39	Nest Indentor	DV6L Y29PL	UV6L Y34PLA	MY28, MY2911 (1)	1/2"
YAV6CL20945	—			2			1.27								
YAV6CL20990	—			3			0.77								
YA6CL231	231	6	AN 6	1	5/16	0.49	1.37	0.06	0.36	39	Nest Indentor	DV6L Y29PL	UV6L Y34PLA	MY28, MY2911 (1)	1/2"
YAV6CL23145	—			2			1.35								
YAV6CL23190	—			3			0.89								

TYPE YAV (Continued)

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.



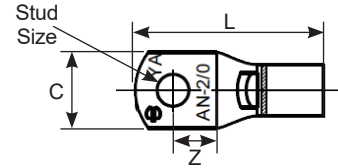
Catalog Number	SAE-AS20659	Copper Conductor		Fig. #	Stud Size	Dimensions				Installation Tooling (# crimps)					Wire Strip Length
		Code AWG	Aircraft Cable			C	L	T	Z	Die Index	Die Type	Y29 Series	35, 750 Series	Dieless Tools	
YAV6CL210	210	6	AN 6	1	3/8	0.60	1.37	0.06	0.36	39	Nest Indentor	DV6L Y29PL	UV6L Y34PLA	MY28, MY2911 (1)	1/2"
YAV6CL21045	—			2			1.35								
YAV6CL21090	—			3			0.89								
YAV6CL243	243	6	AN 6	1	1/2	0.74	1.58	0.05	0.49	39	Nest Indentor	DV6L Y29PL	UV6L Y34PLA	MY28, MY2911 (1)	1/2"
YAV6CL24345	—			2			1.54								
YAV6CL24390	—			3			1.09								
YAV4CL244	244	4	AN 4	1	#10	0.55	1.31	0.08	0.28	40	Nest Indentor	DV4L Y29PL	UV4L Y34PLA	MY28, MY2911 (1)	1/2"
YAV4CL24445	—			2			1.30								
YAV4CL24490	—			3			0.80								
YAV4CL211	211	4	AN 4	1	1/4	0.55	1.31	0.08	0.28	40	Nest Indentor	DV4L Y29PL	UV4L Y34PLA	MY28, MY2911 (1)	1/2"
YAV4CL21145	—			2			1.30								
YAV4CL21190	—			3			0.80								
YAV4CL232	232	4	AN 4	1	5/16	0.63	1.42	0.08	0.34	40	Nest Indentor	DV4L Y29PL	UV4L Y34PLA	MY28, MY2911 (1)	1/2"
YAV4CL23245	—			2			1.42								
YAV4CL23290	—			3			0.92								
YAV4CL212	212	4	AN 4	1	3/8	0.63	1.42	0.08	0.34	40	Nest Indentor	DV4L Y29PL	UV4L Y34PLA	MY28, MY2911 (1)	1/2"
YAV4CL21245	—			2			1.42								
YAV4CL21290	—			3			0.92								
YAV4CL245	245	4	AN 4	1	1/2	0.73	1.62	0.06	0.47	40	Nest Indentor	DV4L Y29PL	UV4L Y34PLA	MY28, MY2911 (1)	1/2"
YAV4CL24545	—			2			1.59								
YAV4CL24590	—			3			1.11								
YAV2CL246	246	2	AN 2	1	#10	0.60	1.66	0.10	0.35	41	Nest Indentor	DV2L Y29PL	UV2L Y34PLA	MY28, MY2911 (1)	5/8"
YAV2CL24645	—			2			1.66								
YAV2CL24690	—			3			1.02								
YAV2CL213	213	2	AN 2	1	1/4	0.60	1.66	0.10	0.35	41	Nest Indentor	DV2L Y29PL	UV2L Y34PLA	MY28, MY2911 (1)	5/8"
YAV2CL21345	—			2			1.66								
YAV2CL21390	—			3			1.02								
YAV2CL247	247	2	AN 2	1	5/16	0.60	1.66	0.10	0.35	41	Nest Indentor	DV2L Y29PL	UV2L Y34PLA	MY28, MY2911 (1)	5/8"
YAV2CL24745	—			2			1.66								
YAV2CL24790	—			3			1.02								
YAV2CL214	214	2	AN 2	1	3/8	0.60	1.66	0.10	0.35	41	Nest Indentor	DV2L Y29PL	UV2L Y34PLA	MY28, MY2911 (1)	5/8"
YAV2CL21445	—			2			1.66								
YAV2CL21490	—			3			1.02								
YAV2CL248	248	2	AN 2	1	7/16	0.60	1.82	0.09	0.47	41	Nest Indentor	DV2L Y29PL	UV2L Y34PLA	MY28, MY2911 (1)	5/8"
YAV2CL24845	—			2			1.80								
YAV2CL24890	—			3			1.17								
YAV2CL233	233	2	AN 2	1	1/2	0.60	1.82	0.09	0.47	41	Nest Indentor	DV2L Y29PL	UV2L Y34PLA	MY28, MY2911 (1)	5/8"
YAV2CL23345	—			2			1.80								
YAV2CL23390	—			3			1.17								
YAV1CL215	215	1	AN 1	1	1/4	0.76	1.78	0.12	0.38	42	Nest Indentor	DV1L Y29PL	UV1L Y34PLA	MY28, MY2911 (1)	5/8"
YAV1CL21545	—			2			1.80								
YAV1CL21590	—			3			1.12								
YAV1CL249	249	1	AN 1	1	5/16	0.76	1.78	0.12	0.38	42	Nest Indentor	DV1L Y29PL	UV1L Y34PLA	MY28, MY2911 (1)	5/8"
YAV1CL24945	—			2			1.80								
YAV1CL24590	—			3			1.12								

Small Terminals

Nickel Plated, SAE AS20659 Green Banded
Compression Ring Tongue Terminals

TYPE YAV (Continued)

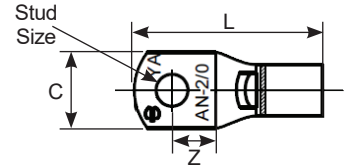
NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Catalog Number	SAE-AS20659	Copper Conductor		Fig. #	Stud Size	Dimensions				Installation Tooling (# crimps)					Wire Strip Length
		Code AWG	Aircraft Cable			C	L	T	Z	Die Index	Die Type	Y29 Series	35, 750 Series	Dieless Tools	
YAV1CL216	216	1	AN 1	1	3/8	0.76	1.78	0.12	0.38	42	Nest Indentor	DV1L Y29PL	UV1L Y34PLA	MY28, MY2911 (1)	5/8"
YAV1CL21645	—			2			1.80								
YAV1CL21690	—			3			1.12								
YAV1CL250	250	1	AN 1	1	7/16	0.86	1.91	0.11	0.47	42	Nest Indentor	DV1L Y29PL	UV1L Y34PLA	MY28, MY2911 (1)	5/8"
YAV1CL25045	—			2			1.92								
YAV1CL25090	—			3			1.26								
YAV1CL234	234	1	AN 1	1	1/2	0.84	1.91	0.11	0.47	42	Nest Indentor	DV1L Y29PL	UV1L Y34PLA	MY28, MY2911 (1)	5/8"
YAV1CL23445	—			2			1.92								
YAV1CL23490	—			3			1.26								
YAV25L217	217	1/0	AN 1/0	1	1/4	0.83	1.97	0.12	0.43	43	Nest Indentor	DV25L Y29PR	UV25L Y34PA	MY28, MY2911 (1)	11/16"
YAV25L21745	—			2			1.97								
YAV25L21790	—			3			1.23								
YAV25L251	251	1/0	AN 1/0	1	5/16	0.83	1.97	0.12	0.43	43	Nest Indentor	DV25L Y29PR	UV25L Y34PA	MY28, MY2911 (1)	11/16"
YAV25L25145	—			2			1.97								
YAV25L25190	—			3			1.23								
YAV25L218	218	1/0	AN 1/0	1	3/8	0.83	1.97	0.12	0.43	43	Nest Indentor	DV25L Y29PR	UV25L Y34PA	MY28, MY2911 (1)	11/16"
YAV25L21845	—			2			1.97								
YAV25L21890	—			3			1.23								
YAV25L252	252	1/0	AN 1/0	1	7/16	0.88	2.03	0.11	0.47	43	Nest Indentor	DV25L Y29PR	UV25L Y34PA	MY28, MY2911 (1)	11/16"
YAV25L25245	—			2			2.01								
YAV25L25290	—			3			1.29								
YAV25L235	235	1/0	AN 1/0	1	1/2	0.88	2.03	0.11	0.47	43	Nest Indentor	DV25L Y29PR	UV25L Y34PA	MY28, MY2911 (1)	11/16"
YAV25L23545	—			2			2.01								
YAV25L23590	—			3			1.29								
YAV26L253	253	2/0	AN 2/0	1	1/4	0.93	2.26	0.13	0.49	44	Nest Indentor	DV26L Y29PR	UV26L Y34PA	MY28, MY2911 (1)	13/16"
YAV26L25345	—			2			2.22								
YAV26L25390	—			3			1.38								
YAV26L219	219	2/0	AN 2/0	1	5/16	0.93	2.26	0.13	0.49	44	Nest Indentor	DV26L Y29PR	UV26L Y34PA	MY28, MY2911 (1)	13/16"
YAV26L21945	—			2			2.22								
YAV26L21990	—			3			1.38								
YAV26L220	220	2/0	AN 2/0	1	3/8	0.93	2.26	0.13	0.49	44	Nest Indentor	DV26L Y29PR	UV26L Y34PA	MY28, MY2911 (1)	13/16"
YAV26L22045	—			2			2.22								
YAV26L22090	—			3			1.38								
YAV26L254	254	2/0	AN 2/0	1	7/16	0.93	2.26	0.13	0.49	44	Nest Indentor	DV26L Y29PR	UV26L Y34PA	MY28, MY2911 (1)	13/16"
YAV26L25445	—			2			2.22								
YAV26L25490	—			3			1.38								
YAV26L236	236	2/0	AN 2/0	1	1/2	0.93	2.26	0.13	0.49	44	Nest Indentor	DV26L Y29PR	UV26L Y34PA	MY28, MY2911 (1)	13/16"
YAV26L23645	—			2			2.22								
YAV26L23690	—			3			1.38								
YAV27L255	255	3/0	AN 3/0	1	5/16	1.03	2.39	0.14	0.53	45	Nest Indentor	DV27L Y29PR	UV27L Y34PA	MY28, MY2911 (1)	13/16"
YAV27L25545	—			2			2.37								
YAV27L25590	—			3			1.50								
YAV27L221	221	3/0	AN 3/0	1	3/8	1.03	2.39	0.14	0.53	45	Nest Indentor	DV27L Y29PR	UV27L Y34PA	MY28, MY2911 (1)	13/16"
YAV27L22145	—			2			2.37								
YAV27L22190	—			3			1.50								

TYPE YAV (Continued)

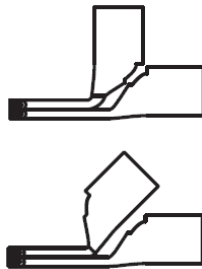
NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Catalog Number	SAE-AS20659	Copper Conductor		Fig. #	Stud Size	Dimensions				Installation Tooling (# crimps)					Wire Strip Length
		Code AWG	Aircraft Cable			C	L	T	Z	Die Index	Die Type	Y29 Series	35, 750 Series	Dieless Tools	
YAV27L256	256	3/0	AN 3/0	1	7/16	1.03	2.39	0.14	0.53	45	Nest Indentor	DV27L Y29PR	UV27L Y34PA	MY28, MY2911 (1)	13/16"
YAV27L25645	—			2			2.37								
YAV27L25690	—			3			1.50								
YAV27L222	222	3/0	AN 3/0	1	1/2	1.03	2.39	0.14	0.53	45	Nest Indentor	DV27L Y29PR	UV27L Y34PA	MY28, MY2911 (1)	7/8"
YAV27L22245	—			2			2.37								
YAV27L22290	—			3			1.50								
YAV28L257	257	4/0	AN 4/0	1	5/16	1.12	2.66	0.15	0.61	46	Nest Indentor	DV28L Y29PR	UV28L Y34PA	MY28, MY2911 (1)	7/8"
YAV28L25745	—			2			2.61								
YAV28L25790	—			3			1.67								
YAV28L223	223	4/0	AN 4/0	1	3/8	1.12	2.66	0.15	0.61	46	Nest Indentor	DV28L Y29PR	UV28L Y34PA	MY28, MY2911 (1)	7/8"
YAV28L22345	—			2			2.61								
YAV28L22390	—			3			1.67								
YAV28L258	258	4/0	AN 4/0	1	7/16	1.12	2.66	0.15	0.61	46	Nest Indentor	DV28L Y29PR	UV28L Y34PA	MY28, MY2911 (1)	7/8"
YAV28L25845	—			2			2.61								
YAV28L25890	—			3			1.67								
YAV28L224	224	4/0	AN 4/0	1	1/2	1.12	2.66	0.15	0.61	46	Nest Indentor	DV28L Y29PR	UV28L Y34PA	MY28, MY2911 (1)	7/8"
YAV28L22445	—			2			2.61								
YAV28L22490	—			3			1.67								
YAV28L259	259	4/0	AN 4/0	1	5/8	1.12	2.66	0.15	0.61	46	Nest Indentor	DV28L Y29PR	UV28L Y34PA	MY28, MY2911 (1)	7/8"
YAV28L25945	—			2			2.61								
YAV28L25990	—			3			1.67								
YAV28L260	260	4/0	AN 4/0	1	3/4	1.23	2.89	0.14	0.78	46	Nest Indentor	DV28L Y29PR	UV28L Y34PA	MY28, MY2911 (1)	7/8"
YAV28L26045	—			2			2.84								
YAV28L26090	—			3			1.90								
YAV28L237	237	4/0	AN 4/0	1	7/8	1.23	2.89	0.14	0.78	46	Nest Indentor	DV28L Y29PR	UV28L Y34PA	MY28, MY2911 (1)	7/8"
YAV28L23745	—			2			2.84								
YAV28L23790	—			3			1.90								

Note:

Bottom Stack Options (see Config "A", "B", or "C" bottom lug) may be available, please contact technical service.



Config A
(top: 90/straight)
(bottom: 45/straight)



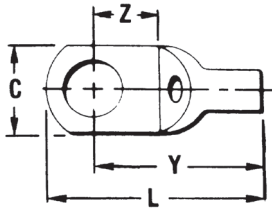
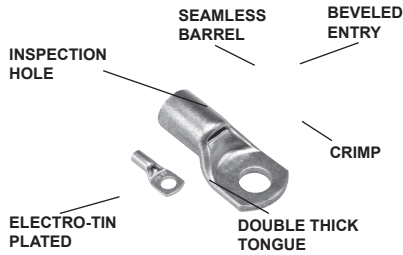
Config B
(45/45)



Config C
(90/90)

TYPES YAV / YAV-BOX

HYLUG™



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.

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 to provide 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 structurally 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 beveled barrel for easy cable entry, especially for flexible conductors
- Inspection hole provides easy visual check for proper conductor insertion
- Electro-tin plated for a long lasting durable corrosion resistance

Catalog Number	Wire Range	Stud Size	SAE-AS25036	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
				C	L Max.	Y Max.	Z Min.			
YAV18T4BOX	22-18 Str. and Sol.	3,4	—	0.19	0.59	0.54	0.16	YAV18T4	Non-Ratchet: Y10D, Y1022 Ratchet: MR8G98, MR89Q, Y8MRB1, MR20, MRE1022B	9/32"
YAV18L33BOX		4-6	—	0.25	0.63	0.55	0.18	YAV18L33		
YAV18T5BOX		6-8	—	0.31	0.76	0.61	0.24	YAV18T5		
YAV18T1BOX		8-10	—	0.31	0.76	0.61	0.24	YAV18T1		
YAV18BOX		—	0.31	0.76	0.61	0.24	YAV18			
YAV14L33BOX	20-14 Str.	4-6	—	0.25	0.67	0.59	0.18	YAV14L33	Non-Ratchet: Y10D, Y1022 Ratchet: MR8G98, MR89Q, Y8MRB1, MR20, MRE1022B	9/32"
YAV14T5BOX		6-8	—	0.31	0.79	0.64	0.24	YAV14T5		
YAV14T1BOX		8-10	—	0.29	0.70	0.59	0.18	YAV14L36		
YAV14L36BOX	20-12 Sol.	8-10	—	0.29	0.79	0.64	0.24	YAV14	Y10D, Y8MRB1, M8ND w/N14HT	9/32"
YAV14BOX		1/4	—	0.40	0.99	0.75	0.32	YAV14T2		
YAV14T2BOX		5/16	—	0.44	0.99	0.75	0.32	YAV14T3		
YAV14T3BOX		8-10	—	0.30	0.78	0.67	0.24	YAV12G2		
YAV12G2BOX ■	† 14-12 Str.	8-10	—	0.30	0.78	0.67	0.24	YAV12G2	Y10D, Y8MRB1, M8ND w/N14HT	9/32"
YAV12G3BOX ■		1/4	—	0.34	1.00	0.76	0.33	YAV12G3		
YAV10T7BOX	14 Str. 12-10 Str. and Sol.	4-6	165	0.28	0.93	0.78	0.24	YAV10T7*	Non-Ratchet: Y10D, Y1022 Ratchet: MR8G98, MR89Q, Y8MRB1, MR20, N10HT, N10HT24, MRE1022B	7/16"
YAV10T11BOX		6-8	—	0.38	0.93	0.79	0.26	YAV10T11		
YAV10L36BOX		8-10	—	0.29	0.86	0.71	0.23	YAV10L36		
YAV10BOX		8-10	105	0.36	0.97	0.79	0.25	YAV10*		
YAV10T3BOX		1/4	—	0.45	1.10	0.87	0.32	YAV10T3		
YAV10T2BOX		5/16	106	0.53	1.13	0.87	0.31	YAV10T2*		
YAV10T4BOX		3/8	128	0.53	1.20	0.88	0.36	YAV10T4*		
YAV9CL36BOX	10-9 Str.	8-10	—	0.31	0.94	0.83	0.15	YAV9CL36	Ratchet: MR89Q, Y8MRB1	7/16"
YAV9CT9BOX		1/4	—	0.44	1.15	0.95	0.31	YAV9CT9		
YAV9CT4BOX		5/16	—	0.52	1.23	1.02	0.36	YAV9CT4		

■ Use #14 groove

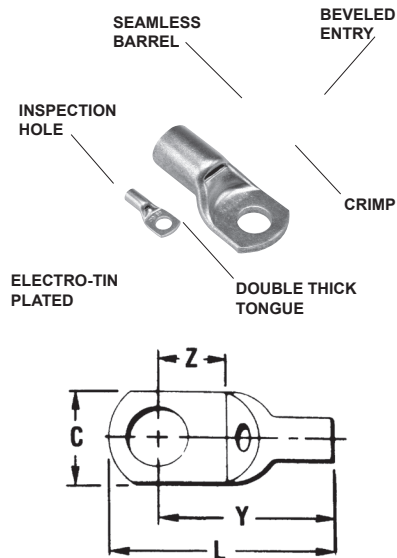
† UL Listed for 14 Str. to #10 Sol. & Str. when installed with MR8G98 and Y8MRB1 tools only.

* Class 1 & 2 connectors

◆ QPL Class II when installed with MR89Q tool

TYPES YAV-L / YAV-LBOX

HYLUG™



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 constructed in accordance with SAE-AS29606.

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™			
											Y29 Series	35, 750 Series ▲		
YAV8CLBOX	8 Aircraft AN 8 Flex	8-10	-107	0.41	1.15	0.94	0.28	YAV8CL●	Non-Ratchet: MY29-1 Ratchet: MR4C, MR89Q, Y8MRB1, M8ND w/ N8CT Die Set	38	DV8L1 Nest Y29PL Indentor (1) Crimp	◆UV8L Nest Y34PL Indentor (1) Crimp	1/2"	
YAV8CL1BOX		1/4	-141	0.46	1.22	0.99	0.32							YAV8CL1●
YAV8CL2BOX		5/16	-108	0.57	1.30	1.01	0.34							YAV8CL2●
YAV8CL3BOX		3/8	-129	0.57	1.30	1.01	0.34							YAV8CL3●
YAV8CL4BOX		1/2	-142	0.73	1.52	1.14	0.48							YAV8CL4●
YAV6CL1BOX	5 & 6 Aircraft AN 5 & 6 Flex	8-10	-130	0.46	1.31	1.06	0.29	YAV6CL1●	Non-Ratchet: MY28, MY2911 Ratchet: MR4C	39	DV6L Nest Y29PL Indentor (1) Crimp	◆UV6L Nest Y34PLA Indentor (1) Crimp	1/2"	
YAV6CLBOX		1/4	-109	0.50	1.28	1.06	0.29							YAV6CL●
YAV6CL4BOX		5/16	-131	0.58	1.43	1.13	0.35							YAV6CL4●
YAV6CL2BOX		3/8	-110	0.60	1.43	1.13	0.36							YAV6CL2●
YAV6CL10BOX		1/2	-143	0.74	1.64	1.26	0.49							YAV6CL10
YAV4CL3BOX	4 Aircraft AN 4 Flex	8-10	-144	0.55	1.37	1.11	0.28	YAV4CL3●	Non-Ratchet: MY28, MY2911 Ratchet: MR4C	40	DV4L Nest Y29PL Indentor (1) Crimp	◆UV4L Nest Y34PLA Indentor (1) Crimp	1/2"	
YAV4CLBOX		1/4	-111	0.55	1.37	1.11	0.28							YAV4CL
YAV4CL4BOX		5/16	-132	0.63	1.48	1.17	0.33							YAV4CL4●
YAV4CL2BOX		3/8	-112	0.63	1.48	1.17	0.33							YAV4CL2●
YAV4CL5BOX		1/2	-145	0.73	1.68	1.30	0.47							YAV4CL5
YAV2CL1BOX	2 Aircraft AN 2 Flex	1/4	-113	0.69	1.72	1.37	0.35	YAV2CL1●	Non-Ratchet: MY28, MY2911	41	DV2L Nest Y29PL Indentor (1) Crimp	◆UV2L Nest Y34PLA Indentor (1) Crimp	5/8"	
YAV2CL2BOX		5/16	-147	0.69	1.72	1.37	0.35	YAV2CL2●						
YAV2CLBOX		3/8	-114	0.69	1.72	1.37	0.35	YAV2CL●						
YAV2CL4BOX		1/2	-133	0.77	1.88	1.49	0.46	YAV2CL4						

† Class 1.

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

▲ Use Y35P3 Indentor Adapter with 35 Series tools

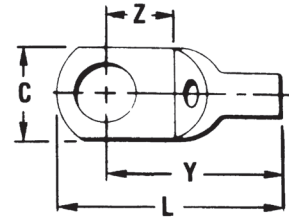
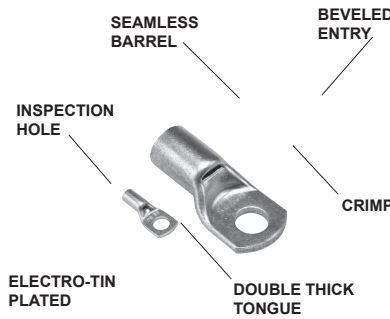
■ Bench Mount Adaptor (Catalog Number: BMYBCHMT) is available for MY Series HYTOOL™

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

◆QPL Class II tooling

TYPES YAV-L / YAV-LBOX (Continued)

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.

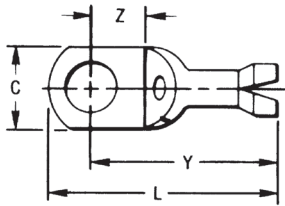


Catalog Number	Wire Range (AWG/kcmil)	Stud Size	SAE - AS20659 Dash No. †	Dimensions (Inches)				Bulk Catalog Number	Installation Tooling				
				C	L Max.	Y Max.	Z Max.		HYTOOL™	Die Index	HYPRESS™		Wire Strip Length
											Y29 Series	35, 750 Series ▲	
YAV1CL1BOX	1 Aircraft AN 1 Flex	1/4	-115	0.76	1.84	1.45	0.38	Non-Ratchet: MY28, MY2911	42	DV1L Nest Y29PL Indentor (1) Crimp	◆UV1L Nest Y34PLA Indentor (1) Crimp	5/8"	
YAV1CL2BOX		5/16	-149	0.76	1.84	1.45	0.38						YAV1CL2 ●
YAV1CLBOX		3/8	-116	0.76	1.84	1.45	0.38						YAV1CL
YAV1CL3BOX		1/2	-134	0.86	1.97	1.54	0.46						YAV1CL3
YAV25L1BOX	1/0 Aircraft AN 1/0 Flex	1/4	-117	0.83	2.01	1.61	0.43	YAV25L1	43	DV25L Nest Y29PR Indentor (1) Crimp	◆UV25L Nest Y34PA Indentor (1) Crimp	11/16"	
YAV25L2BOX		5/16	-151	0.83	2.03	1.61	0.43	YAV25L2					
YAV25LBOX		3/8	-118	0.83	2.03	1.61	0.43	YAV25L ●					
YAV25L3BOX		1/2	-135	0.88	2.09	1.64	0.46	YAV25L3 ●					
YAV25L4BOX		5/8	—	0.88	2.31	1.80	0.62	YAV25L4					
YAV26L1BOX	2/0 Aircraft AN 2/0 Flex	1/4	-153	0.93	2.32	1.85	0.48	YAV26L1	44	DV26L Nest Y29PR Indentor (1) Crimp	◆UV26L Nest Y34PA Indentor (1) Crimp	13/16"	
YAV26L2BOX		5/16	-119	0.93	2.32	1.85	0.48	YAV26L2					
YAV26LBOX		3/8	-120	0.93	2.32	1.85	0.48	YAV26L ●					
YAV26L3BOX		1/2	-136	0.93	2.32	1.85	0.48	YAV26L3 ●					
YAV26L12BOX		5/8	—	0.93	2.52	1.99	0.62	YAV26L12					
YAV27LBOX	3/0 Aircraft AN 3/0 Flex	3/8	-121	1.03	2.45	1.93	0.52	YAV27L ●	45	—	◆UV27L Nest Y34PA Indentor (1) Crimp	13/16"	
YAV27L1BOX		1/2	-122	1.03	2.45	1.93	0.52	YAV27L1					
YAV27L15BOX		5/8	—	1.03	2.60	2.03	0.62	YAV27L15					
YAV28L53BOX	4/0 Aircraft AN 4/0 Flex	1/4	—	1.12	2.28	1.83	0.28	YAV28L53	46	—	◆UV28L Nest Y34PA Indentor (1) Crimp	7/8"	
YAV28LBOX		3/8	-123	1.12	2.72	2.16	0.60	YAV28L					
YAV28L12BOX		1/2	-124	1.12	2.72	2.16	0.60	YAV28L12					
YAV28L13BOX		5/8	-159	1.12	2.72	2.16	0.60	YAV28L13					
YAV28L14BOX		3/4	-160	1.23	2.95	2.33	0.78	YAV28L14					

- † Class 1.
- Available in (90°) right angle design. Suffix "RS" replaces suffix "L".
- ▲ Use Y35P3 Indentor Adapter with 35 Series tools
- Bench Mount Adaptor (Catalog Number: BMYBCHMT) is available for MY Series HYTOOL™
- Add "NK" suffix for nickel plated terminals for high temperature applications up to 650° F continuous service and 750° intermittent service
- ◆QPL Class II tooling

TYPES YAV-H / YAV-H BOX

HYLUG™



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 to provide long-lasting corrosion resistance



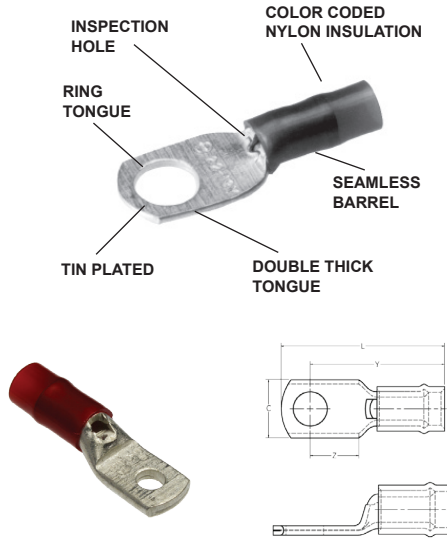
NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Catalog Number	Wire Range AWG, AN, Aircraft	Stud Size	Max. Insul. Dia. Accom.	Dimensions				Bulk Catalog Number	Installation Tooling	Dies	Wire Strip Length
				C	L Max.	Y Max.	Z Min.				
YAV18HBOX	22-18	8 - 10	0.120"	0.31	0.88	0.76	0.24	YAV18H	Plier: Y10D, Y1022*	M8ND, with N14HT,	9/32"
YAV14H1BOX	16-14	6 - 8	0.150"	0.31	0.92	0.80	0.24	YAV14H1		Ratchet: MR8G98, MR89Q, Y8MRB1*, MR20, M8ND, MRE1022B	N14HT5 Die
YAV14HBOX	20-14	8 - 10	0.150"	0.31	0.95	0.80	0.24	YAV14H	M8ND, N10HT24		7/16"
YAV14H2BOX		1/4		0.42	1.14	0.90	0.32	YAV14H2			
YAV10H25BOX	12-10	6 - 8	0.192"	0.31	1.00	0.90	0.24	YAV10H25			
YAV10HBOX		8 - 10		0.38	1.05	0.91	0.24	YAV10H			
YAV10H3BOX		1/4		0.47	1.22	0.99	0.32	YAV10H3			

* For conductor crimp only.

TYPES YAEV / YAEV-L

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.

600 Volts Max., 105°C, Max.

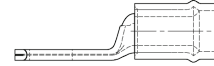
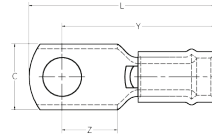
The INSULUG™ type YAEV is designed for very demanding high vibration applications encountered in aircraft and aboard ships as well as motor lead applications in hospitals, industrials and generating plants. The nylon insulated seamless, electrolytic copper barrel with double thick tongue provides an extra strong insulated connection. The terminal is rated 105°C and meets SAE-AS7928 requirements.

Features & Benefits

- Double thick tongue for maximum reliability and electrical capacity plus an extra strong terminal tongue
- Manufactured from one-piece pure electrolytic copper — high conductivity, low resistance with no seams to split plus ductility for excellent crimp forming properties
- Electro-tin plated to provide long-lasting corrosion resistance
- Nylon insulation is locked in place — Insulation will not move or twist off
- 300 volt nylon insulation providing high dielectric strength and stability in demanding oily environmental conditions
- Color Coded providing 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 AN, 16-14 AWG Max. Insul. Dia. Accom.: .154 Color Code: Blue	8-10	0.31	0.24	0.81	0.94	YAEV14	Ratchet: MR8D94, MRE1022NV	1/4"
YAEV10T7BOX	12-10 Max. Insul. Dia. Accom.: .209 Color Code: Yellow	4-6	0.30	0.24	0.95	1.12	YAEV10T7	Ratchet: MR8D94 MR833T1 M8ND with N10ET9 Die MR4 10M MRE1022NV	5/16"
YAEV10T11BOX		6-8	0.37	0.26	0.97	1.16	YAEV10T11		
YAEV10BOX		8-10	0.37	0.26	0.97	1.16	YAEV10		
YAEV10L36BOX		8-10	0.30	0.18	0.89	1.04	YAEV10L36		
YAEV10T3BOX		1/4	0.47	0.38	1.12	1.30	YAEV10T3		
YAEV10T2BOX		5/16	0.53	0.31	1.12	1.36	YAEV10T2		
YAEV10T4BOX		3/8	0.56	0.35	1.12	1.38	YAEV10T4		

TYPES YAEV / YAEV-L (Continued)



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™ Y29 Series		Wire Strip Length
				C	Z Min.	Y Max.	L Max.			Nest	Indentor	
YAEV8CL14BOX	8 Str. Max. Insul. Dia. Accom.: .258 Color Code: Red	8	—	0.41	0.28	1.18	1.40	YAEV8CL14	Ratchet: M8ND with N8CET2 Die Non-Ratchet: MY286* Hydraulic: 35, 750 Series with U8CET Die Set	DEV8L	Y29PLE1	7/16"
YAEV8CL1BOX		1/4	-116	0.46	0.32	1.23	1.47	YAEV8CL1				
YAEV8CL2BOX		5/16	-117	0.57	0.34	1.25	1.54	YAEV8CL2				
YAEV8CL3BOX		3/8	-118	0.57	0.34	1.25	1.54	YAEV8CL3				
YAEV8CL4BOX		1/2	—	0.73	0.48	1.39	1.77	YAEV8CL4				
YAEV8CLBOX		10	-115	0.41	0.28	1.18	1.40	YAEV8CL				
YAEV6CL1BOX	6 Str. Max. Insul. Dia. Accom.: .313 Color Code: Blue	8-10	-119**	0.48	0.29	1.33	1.56	YAEV6CL1**	Non-Ratchet: MY286* Hydraulic: 35, 750 Series with U6CET Die Set	DEV6L	Y29PLE1	1/2"
YAEV6CLBOX		1/4	-120**	0.48	0.29	1.33	1.56	YAEV6CL**				
YAEV6CL4BOX		5/16	-121**	0.60	0.36	1.39	1.68	YAEV6CL4**				
—		3/8	-122**	0.60	0.36	1.39	1.68	YAEV6CL2**				
YAEV6CL10BOX		1/2	—	0.73	0.47	1.53	1.91	YAEV6CL10				
YAEV4CL3BOX	4 Str. Max. Insul. Dia. Accom.: .374 Color Code: Yellow	8-10	—	0.55	0.28	1.40	1.62	YAEV4CL3	Non-Ratchet: MY286* Hydraulic: 35, 750 Series with U4CET Die Set	DEV4L	Y29PLE1	1/2"
YAEV4CLBOX		1/4	-123	0.55	0.28	1.37	1.62	YAEV4CL				
YAEV4CL4BOX		5/16	-124	0.63	0.34	1.43	1.74	YAEV4CL4				
—		3/8	-125	0.63	0.34	1.43	1.74	YAEV4CL2				
—		1/2	—	0.73	0.47	1.56	1.92	YAEV4CL5				
YAEV2CL3BOX	2 Str. Max. Insul. Dia. Accom.: .459 Color Code: Red	10	—	0.69	0.35	1.72	2.03	YAEV2CL3	Non-Ratchet: MY286* Hydraulic: 35, 750 Series with U2CET Die Set	DEV2L	Y29PLE	5/8"
YAEV2CL1BOX		1/4	-126	0.69	0.35	1.61	2.03	YAEV2CL1				
YAEV2CL2BOX		5/16	—	0.69	0.35	1.68	2.03	YAEV2CL2				
YAEV2CLBOX		3/8	-127	0.69	0.35	1.69	2.03	YAEV2CL				
—		1/2	-128	0.77	0.47	1.80	2.16	YAEV2CL4				
—	1 Str. Max. Insul. Dia. Accom.: .516 Color Code: White	1/4	-129	0.76	0.38	1.63	2.14	YAEV1CL1	Non-Ratchet: MY286* Hydraulic: 35, 750 Series with U1CET Die Set	DV26L	Y29PLE	5/8"
—		5/16	—	0.76	0.38	1.71	2.14	YAEV1CL2				
YAEV1CLBOX		3/8	-130	0.76	0.38	1.72	2.14	YAEV1CL				
—		1/2	-131	0.86	0.47	1.86	2.27	YAEV1CL3				
—	1/0 Str. Max. Insul. Dia. Accom.: .564 Color Code: Blue	1/4	-132	0.83	0.43	1.97	2.40	YAEV25L1	Non-Ratchet: MY286* Hydraulic: 35, 750 Series with U25ET Die Set	DEV25L	Y29PLE	11/16"
—		5/16	—	0.83	0.43	1.97	2.40	YAEV25L2				
—		3/8	-133	0.83	0.43	1.97	2.40	YAEV25L				
—		1/2	-134	0.88	0.47	2.02	2.46	YAEV25L3				
—		5/8	—	0.88	0.63	2.17	2.67	YAEV25L4				
—	2/0 Str. Max. Insul. Dia. Accom.: .628 Color Code: Yellow	1/4	—	0.93	0.49	2.19	2.72	YAEV26L1	Non-Ratchet: MY286* Hydraulic: 35, 750 Series with U26ET Die Set	DEV26L	Y29PLE	13/16"
—		5/16	-135	0.93	0.49	2.19	2.72	YAEV26L2				
YAEV26LBOX		3/8	-136	0.93	0.49	2.19	2.72	YAEV26L				
YAEV26L3BOX		1/2	-137	0.93	0.49	2.27	2.72	YAEV26L3				

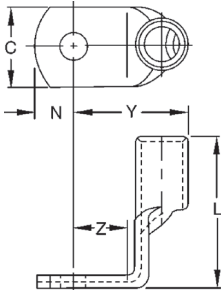
† Additional terminal stud sizes available.

* Bench Mount Adaptor (Catalog Number: BMYBCHMT) is available for MY Series HYTOOL™

** 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.

TYPES YAV-R, YAV-RS

HYLUG™



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		
YAV18R	22-18	8-10	0.31	0.34	0.46	0.25	0.16	Non-Ratchet: Y10D Ratchet: Y8MRB1, MR20, MR8G98, MR89Q	1/4
YAV14RL33	20-14	4-6	0.25	0.37	0.45	0.21	0.12		
YAV14R		8-10	0.31	0.36	0.48	0.25	0.16		
YAV10R	12-10	8-10	0.38	0.53	0.46	0.25	0.19		5/16
YAV10R3BOX	12-10	1/4	0.47	0.55	0.50	.28	0.23		5/16

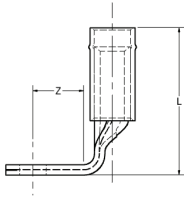
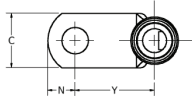
Catalog Number	Wire Range AWG, AN, Aircraft	Stud Size	Dimensions in Inches					Installation Tooling		Wire Strip Length	Tool ▲ Index Number	
			C	L Max.	Y Max.	Z Min.	N	Aircraft	HYPRESS™ Y29 Series			
									Nest			Indentor
YAV8CRS	8	8-10	0.41	0.95	0.62	0.25	0.20	MY28 MY2911	Y29PL	7/16	38	
YAV8CRS1		1/4	0.41	0.95	0.65	0.28	0.20					DV8L*
YAV8CRS3		3/8	0.56	0.95	0.71	0.34	0.31					
YAV6CRS1	6	8-10	0.50	0.98	0.67	0.28	0.25	MY28 MY2911	Y29PL	1/2	39	
YAV6CRS		1/4	0.50	0.98	0.67	0.28	0.25					DV6L
YAV6CRS4		5/16	0.59	0.98	0.73	0.34	0.31					
YAV4CRS3	4	8-10	0.53	1.00	0.70	0.28	0.25	MY28 MY2911	Y29PL	1/2	40	
YAV4CRS		1/4	0.53	1.00	0.70	0.28	0.25					DV4L
YAV4CRS4		5/16	0.62	1.00	0.77	0.34	0.31					
YAV4CRS2		3/8	0.62	1.00	0.77	0.34	0.31					
YAV2CRS1	2	1/4	0.68	1.27	0.82	0.34	0.33	MY28 MY2911	Y29PR	5/8	41	
YAV2CRS2		5/16	0.68	1.27	0.82	0.34	0.33					DV2L
YAV2CRS		3/8	0.68	1.27	0.82	0.34	0.33					
YAV1CRS1	1	1/4	0.73	1.31	0.88	0.34	0.33	MY28 MY2911	Y29PR	5/8	42	
YAV1CRS2		5/16	0.73	1.31	0.88	0.34	0.33					DV1L
YAV25RS	1/0	3/8	0.81	1.35	1.01	0.44	0.39	MY28 MY2911	Y29PR	11/16	43	
YAV25RS3		1/2	0.88	1.35	1.04	0.47	0.44					DV25L
YAV26RS	2/0	3/8	0.92	1.58	1.00	0.47	0.39	MY28 MY2911	Y29PR	13/16	44	
YAV26RS3		1/2	0.92	1.58	1.00	0.47	0.39					DV26L
YAV27RS	3/0	3/8	1.02	1.61	1.12	0.47	0.48	—	—	7/8	45	
YAV28RS	4/0	3/8	1.12	1.75	1.15	0.47	0.48	—	—	7/8	46	

* For aircraft applications (Flexible Cable) use die DV8L1

▲ See Present Installation Tool Index

TYPE YAEV-RS

INSULUG™



600 Volts Max.; 105° C Max.

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™ Y29 Series		
									Nest	Indenter	
YAEV8CRS	8	8-10	0.20	0.41	0.25	0.82	1.25	A	DEV8L	Y29PLE1	7/16"
YAEV8CRS1	Max. Insul. Dia.: .258" Sleeve Color: Red	1/4	0.25	0.41	0.28	0.84	1.25				
YAEV6CRS1	6	8-10	0.25	0.50	0.28	0.88	1.28	B	DEV6L	Y29PLE1	1/2"
YAEV6CRS	Max. Insul. Dia.: .313" Sleeve Color: Blue	1/4	0.25	0.50	0.28	0.88	1.28				
YAEV4CRS	4	1/4	0.25	0.53	0.28	0.95	1.28	C	DEV4L	Y29PLE1	1/2"
YAEV4CRS2	Max. Insul. Dia.: .374" Sleeve Color: Yellow	3/8	0.31	0.62	0.34	1.02	1.28				
YAEV2CRS1	2	1/4	0.33	0.68	0.34	1.13	1.59	D	DEV2L	Y29PLE	5/8"
YAEV2CRS	Max. Insul. Dia.: .459" Sleeve Color: Red	3/8	0.33	0.68	0.34	1.13	1.59				
YAEV1CRS2	1	5/16	0.33	0.73	0.34	1.13	1.65	E	DV26L	Y29PLE	5/8"
YAEV1CRS	Max. Insul. Dia.: .516" Sleeve Color: White	3/8	0.33	0.73	0.34	1.22	1.65				
YAEV25RS	1/0	3/8	0.39	0.81	0.44	1.46	1.88	F	DEV25L	Y29PLE	11/16"
YAEV26RS	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 N8CET2 Die Non-Ratchet: MY286†† Hydraulic: 35, 750 Series with U8CET Die Set	Non-Ratchet: MY286†† Hydraulic: 35, 750 Series with U6CET Die Set	Non-Ratchet: MY286†† Hydraulic: 35, 750 Series with U4CET Die Set	Non-Ratchet: MY286†† Hydraulic: 35, 750 Series with U2CET Die Set	Non-Ratchet: MY286†† Hydraulic: 35, 750 Series with U1CET Die Set	Non-Ratchet: MY286†† Hydraulic: 35, 750 Series with U25ET Die Set	Non-Ratchet: MY286†† Hydraulic: 35, 750 Series with U26ET Die Set

†† Bench Mount Adaptor (Catalog Number: BMYBCHMT) is available for MY Series HYTOOL™

Small Terminals

Flag-Type Ring Tongue Compression Terminals

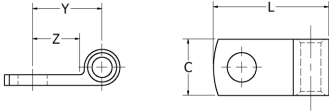
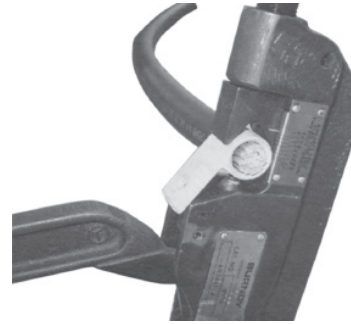
TYPE YBM

HYLUG™



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.



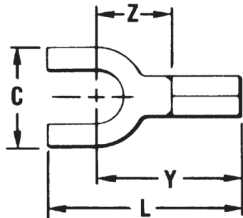
Catalog* Number	Wire Range		Stud Size	Dimensions in Inches				■ HYTOOL™	■ Installation Tooling				Wire Strip Length
	Flex	Code		C Max.	Z Min.	Y Approx.	L Max.		HYPRESS™ Y29 Series		35, 750 Series		
									Nest	Indentor	Nest	Indentor	
YBM8C	8 Class I, K, DLO (37/24)	8	8-10	0.47	0.33	0.59	1.01	DV8B	Y29PBL	UV8B1	Y29PBL	7/16"	
YBM8CT2			1/4	0.53	0.36	0.62	1.07					1/2"	
YBM8CT4			3/8	0.66	0.42	0.68	1.19					9/16"	
YBM6CL9	6 Class I, DLO (81/24)	6	8-10	0.53	0.36	0.64	1.09	DV6BL1	Y29PBL	UV6B1	Y29PBL	1/2"	
YBM6CL			1/4	0.53	0.36	0.64	1.12					9/16"	
YBM6CL2			5/16	0.59	0.42	0.70	1.21					5/8"	
YBM6CL3			3/8	0.66	0.42	0.70	1.24						
YBM4CL4	4 Class I, DLO (105/24)	4	8-10	0.53	0.36	0.69	1.18	DV4BL	Y29PBL	UV4B1	Y29PL	1/2"	
YBM4CL			1/4	0.53	0.36	0.69	1.21					9/16"	
YBM4CL1			5/16	0.59	0.42	0.75	1.3					5/8"	
YBM4CL2			3/8	0.66	0.42	0.75	1.33						
YBM2CL1	2 Class I, DLO (150/24)	2	1/4	0.66	0.36	0.73	1.28	DV2BL	Y29PL	UV2B1	Y29PA	5/8"	
YBM2CL2			5/16	0.66	0.42	0.79	1.38						
YBM2CL			3/8	0.66	0.42	0.79	1.35						
YBM1CL3	1 Class I, DLO (225/24)	1	1/2	0.91	0.61	1.00	1.78	DV1BL	—	—	—	1"	
YBM1CL			3/8	0.66	0.49	0.88	1.53					5/8"	
YBM25L1	1/0 Class I, DLO (275/24)	—	1/4	0.72	0.42	0.86	1.49	DV25BL1	Y29PR	UV25B1	Y29PA1	5/8"	
YBM25L2			5/16	0.72	0.45	0.88	1.56					3/4"	
YBM25L			3/8	0.72	0.49	0.92	1.62						
YBM26L	2/0 Class I, DLO (325/24)	—	3/8	0.84	0.49	0.98	1.71	DV26L		UV26B1	Y29PA1	13/16"	

* Lead Plated available, contact factory.

■ UL Listed with MY28 and Y29 series tools only.

TYPES T-F / YAD-F

HYLUG™



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

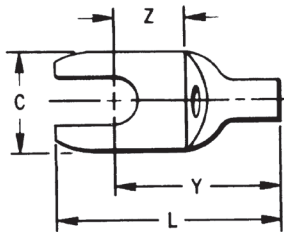
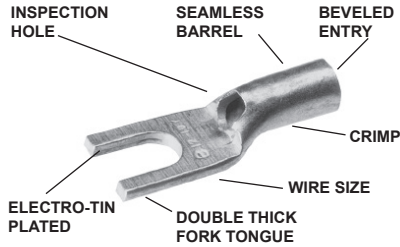
- Fork tongue design for faster installation
- Screw needs only to be loosened (not completely removed) for termination

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
T186F	22 AWG-18 AWG	#4 - #6	0.28	0.68	0.55	0.25	YAD186F	Non-Ratchet: Y10D, Y1022 Ratchet: MRE1022B, MR8G98, Y8MRB1, MR20	9/32
T188F		#6 - #8	0.31	0.74	0.57	0.27	YAD188F		
T1810F		#8 - #10	0.37	0.74	0.58	0.29	YAD1810F		
T1814F		1/4	0.47	0.92	0.69	0.39	YAD1814F		
T146F	20 AWG-14 AWG	#4 - #6	0.28	0.68	0.55	0.25	YAD146F	Non-Ratchet: Y10D, Y1022 Ratchet: MRE1022B, MR8G98, Y8MRB1, MR20	9/32
T148F		#6 - #8	0.31	0.74	0.57	0.27	YAD148F		
T1410F		#8 - #10	0.37	0.74	0.58	0.29	YAD1410F		
T1414F		1/4	0.47	0.92	0.69	0.39	YAD1414F		
T106F	14 AWG-10 AWG (Str.) 12 AWG-10 AWG (Sol.)	#4 - #6	0.28	0.74	0.61	0.25	YAD106F	Non-Ratchet: Y10D, Y1022 Ratchet: MRE1022B, MR8G98, Y8MRB1, MR20	11/32
T108F		#6 - #8	0.31	0.80	0.63	0.27	YAD108F		
T1010F		#8 - #10	0.41	0.87	0.68	0.32	YAD1010F		
T1014F		1/4	0.50	1.00	0.75	0.39	YAD1014F		

TYPES YAV-T-F / YAV-T-F BOX

HYLUG™



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
YAV18T19FBOX	22-18	#4-#6	0.31	0.84	0.55	0.25	YAV18T19F	Non-Ratchet: Y10D, Y1022 Ratchet: MR8G98, MR89Q, MR20, Y8MRB1, MRE1022B	9/32"
YAV18T21FBOX	20-18	#8-#10	0.37	0.84	0.55	0.25	YAV18T21F		
YAV14T32FBOX	20-14	#4-#6	0.31	0.84	0.57	0.25	YAV14T32F		
YAV14T34FBOX		#8-#10	0.37	0.82	0.60	0.26	YAV14T34F		
YAV10T21FBOX	12-10	#8-#10	0.36	0.99	0.69	0.26	YAV10T21F	7/16"	
YAV10T23FBOX		1/4	0.47	1.03	0.75	0.34	YAV10T23F		

TYPES TP-F / BA-EF

VINYLUG™



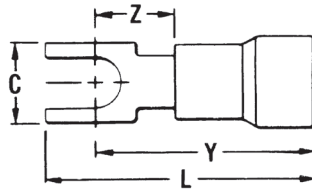
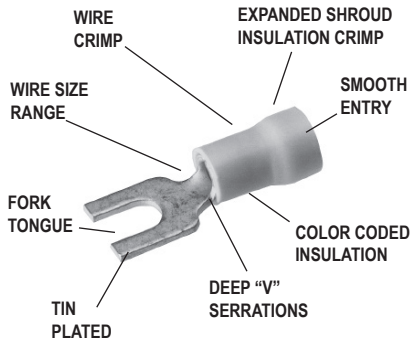
600 Volts Max.; 105° C Max.

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

Features & Benefits

- Fork tongue design for faster installation
- Screw needs only to be loosened (not completely removed) 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	Dimensions				Bulk Catalog Number*	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Tape Fed Installation Tooling	Wire Strip Length
			C	L. Max	Y Max.	Z Min.					
TP162F	22 - 16 Max. Insul. Dia. Accom.: 0.15 Color Code: Red	#1-#2	0.17	0.75	0.66	0.23	BA16EF2	Plier Type: Y1022 Ratchet Tool: MRE1022NV MR8891	BA16EF2M	OEM175TFM with TFM2218NV Die	13/64"
TP166F		#4-#6	0.28	0.80	0.66	0.23	BA16EF6		BA16EF6M		
TP168F		#6-#8	0.31	0.86	0.69	0.26	BA16EF8		BA16EF8M		
TP1610F		#8-#10	0.41	0.95	0.75	0.31	BA16EF10		BA16EF10M		
TP142F	16 - 14 Max. Insul. Dia. Accom.: 0.18 Color Code: Blue	#1-#2	0.17	0.75	0.66	0.23	BA14EF2	Plier Type: Y1022 Ratchet Tool: MRE1022NV MR8891	—	OEM175TFM with TFM1614NV Die	13/64"
TP146F		#3-#6	0.28	0.80	0.66	0.23	BA14EF6		—		
TP148F		#6-#8	0.31	0.86	0.69	0.26	BA14EF8		BA14EF8M		
TP1410F		#8-#10	0.41	0.95	0.75	0.31	BA14EF10		BA14EF10M		
TP106F	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 N10ET23	*BA10EF6M	OEM175TFM with TFM1210NV Die	19/64"
TP108F		#6-#8	0.31	0.98	0.81	0.26	BA10EF8		*BA10EF8M		
TP1010F		#8-#10	0.41	1.07	0.87	0.31	BA10EF10		*BA10EF10M		

* UL Listed and CSA Certified with MR8891 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.

Small Terminals

Nylon Insulated Fork Tongue Compression Terminals

TYPES TN-F / YAES-F

INSULUG™



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.

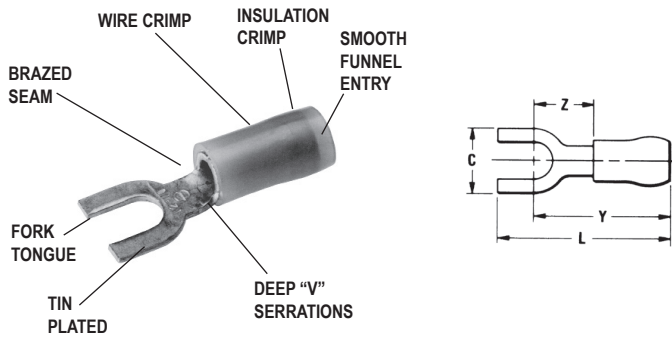
Used on both power and control circuits for wire sizes #26 AWG through #10 AWG. The TN-F provides high dielectric strength and stability in oily conditions.

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 design for faster installation
- Screw needs only to be loosened (not completely removed) 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	Dimensions				Bulk Catalog Number	Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.			
TN202F*	26-20 Max. Insul. Dia. Accom.: 0.10 Color Code: Amber	#1-#2	0.18	0.76	0.65	0.24	—	M8ND with N14HET25V1 Die Set	3/16"
TN206F*		#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 MR883** MR18	7/32"
TN186F		#4-#6	0.28	0.79	0.65	0.24	YAES18N1F		
TN188F		#6-#8	0.31	0.84	0.67	0.26	YAES18N49F		
TN1810F		#8-#10	0.37	0.84	0.68	0.27	YAES18N3F		
TN1814F		1/4	0.47	1.03	0.79	0.38	YAES18N50F		
TN146F	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 MR883** MR18	7/32"
TN148F		#6-#8	0.31	0.84	0.67	0.26	YAES14N53F		
TN1410F		#8-#10	0.37	0.84	0.68	0.27	YAES14N8F		
TN1414F		1/4	0.47	1.03	0.79	0.38	YAES14N54F		
TN106F	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 MR883** MR18	11/32"
TN108F		#6-#8	0.31	1.01	0.84	0.26	YAES10N56F		
TN1010F		#8-#10	0.41	1.09	0.89	0.31	YAES10N12F		
TN1014F		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 / YAE-N-F BOX

600 Volts Max.; 105° C Max.

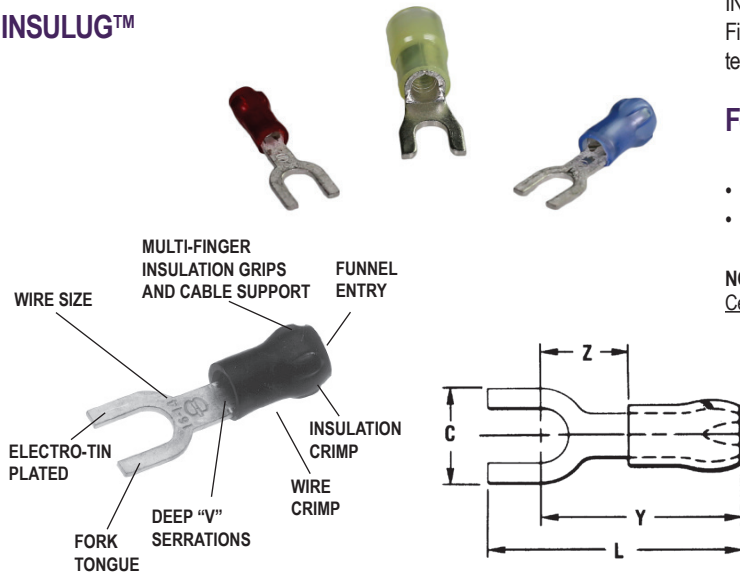
INSULUG™

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 design for faster installation
- Screw needs only to be loosened (not completely removed) 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	Dimensions				Bulk Catalog Number	Installation Tooling**	Tape Mounted Catalog Number 2000/Reel	Tape Fed 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	▲OEM175TFM with TFM2218NV 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, MR833T1, M8ND with one of the following dies: N14HET25V1, N10ET9, N14HET15, N10ET23	—	OEM175TFM with TFM2218NV 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: MR833T1, M8ND with one of the following dies: N14HET25V1, N10ET9, N14HET15, N10ET23	—	OEM175TFM with TFM1614NV 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, Y1022 Ratchet: MRE1022NV, MR833T1, M8ND with one of the following dies: N14HET25V1, N10ET9, N14HET15, N10ET23	—	OEM175TFM with TFM1210NV Die	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.

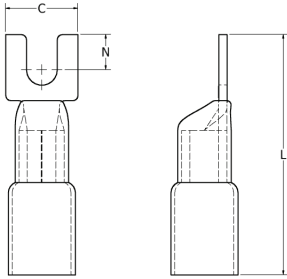
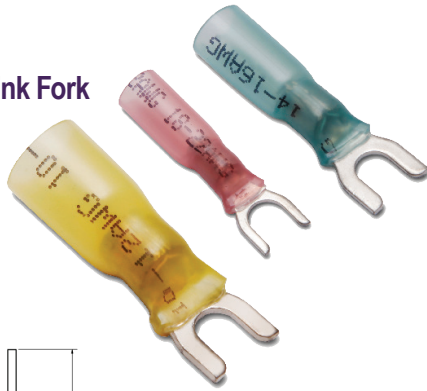
† Not UL Listed; is CSA Certified.

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

▲ Only with #2-#20 AWG Wire

TYPE YHSA-F

HYDENT™ Heat Shrink Fork Tongue Terminals



For Copper Conductor; -55° through 110°C

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

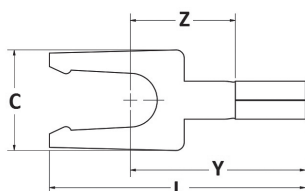
- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro-tin plated for corrosion resistance

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

HYLUG™



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

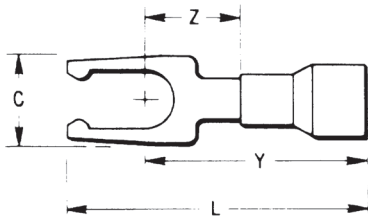
NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

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 Y8MRB1 MR20 Y10D Y1022	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 Y8MRB1 MR20 Y10D Y1022	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 Y8MRB1 MR20 Y10D Y1022	11/32
T108LF		#6 - #8	0.33	0.90	0.57	0.29		
T1010LF		#8 - #10	0.35	0.90	0.63	0.29		

TYPES TP-LF / BA-EL

600 Volts Max., 105° C Max.

VINYLUTM



Type TP-LF is a variation of the Type TP design and 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 and 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.

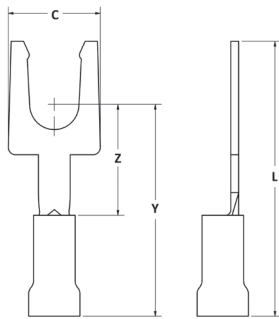
Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number .	Installation Tooling	Tape Mounted Catalog Number 2000/Reel	Tape Fed Installation Tooling	Wire Strip Length
			C	L. Max	Y Max.	Z Min.					
TP166LF	22 - 16 Max. Insul. Dia. Accom.: 0.15 Color Code: Red	#4 - #6	0.28	0.80	0.66	0.23	BA16EL6	Plier Type: Y1022	BA16EL6M	OEM175TFM with TFM2218NV Die	13/64
TP168LF		#6 - #8	0.31	0.86	0.69	0.26	BA16EL8		BA16EL8M		13/64
TP1610LF		#8 - #10	0.41	0.95	0.75	0.31	BA16EL10	Ratchet Tool: MRE1022NV MR8891 MR15	BA16EL10M		13/64
TP146LF	16 - 14 Max. Insul. Dia. Accom.: 0.18 Color Code: Blue	#4 - #6	0.28	0.80	0.66	0.23	BA14EL6	Plier Type: Y1022	BA14EL6M	OEM175TFM with TFM1614NV Die	13/64
TP148LF		#6 - #8	0.31	0.86	0.69	0.26	BA14EL8		BA14EL8M		13/64
TP1410LF		#8 - #10	0.41	0.95	0.75	0.31	BA14EL10	Ratchet Tool: MRE1022NV MR8891 MR15	BA14EL10M		13/64
TP106LF	12 - 10 Max. Insul. Dia. Accom.: 0.26 Color Code: Yellow	#4 - #6	0.28	0.95	0.81	0.26	BA10EL6	Plier Type: Y1022	* BA10EL6M	OEM175TFM with TFM1210NV Die	19/64
TP108LF		#6 - #8	0.31	0.98	0.81	0.26	BA10EL8		* BA10EL8M		19/64
TP1010LF		#8 - #10	0.41	1.07	0.87	0.31	BA10EL10	Ratchet Tool: MR8891 MR15	* BA10EL10M		19/64

• UL Listed and CSA Certified with MR8891 and MR15.

* 1000/Reel.

TYPE TN-LF

INSULUG™



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

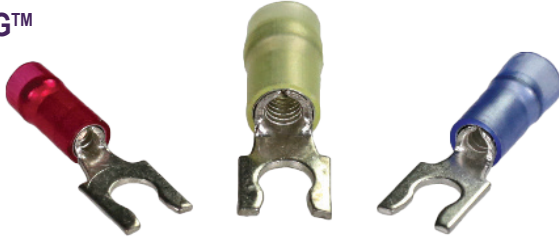
NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Catalog Number	Wire Range	Stud Size	Dimensions				Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.		
TN186LF	22 - 18 Max. Insul. Dia. Accom: 0.145 Color Code: Red	4-6	0.25	0.95	0.66	0.32	MRE1022NV, MR883, Y10D, Y1022	7/32
TN188LF		6-8	0.31	0.95	0.69	0.32		
TN1810LF		8-10	0.31	0.95	0.75	0.32		
TN146LF	16 - 14 Max. Insul. Dia. Accom: 0.180 Color Code: Blue	4-6	0.25	0.93	0.66	0.30	MRE1022NV, MR883, Y10D, Y1022	7/32
TN148LF		6-8	0.30	0.95	0.69	0.30		
TN1410LF		8-10	0.32	0.95	0.75	0.30		
TN106LF	12 - 10 Max. Insul. Dia. Accom: 0.260 Color Code: Yellow	4-6	0.30	1.02	0.66	0.29	MRE1022NV, MR883, Y10D, Y1022	11/32
TN108LF		6-8	0.33	1.02	0.69	0.29		
TN1010LF		8-10	0.35	1.02	0.75	0.29		

TYPE YAE-N-LF

300 Volts Max., 105° C Max.

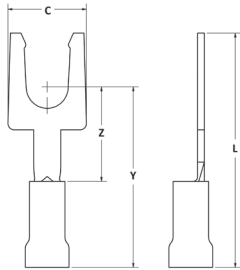
INSULUG™



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 design; allows fast installation; screw only has to be loosened for termination

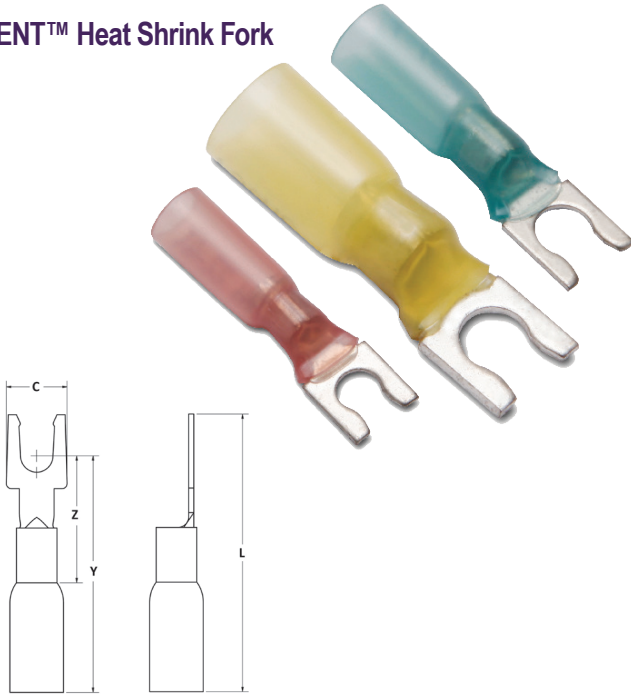


NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Catalog Number	Wire Range	Stud Size	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 MR883 Y1022 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 MR883 Y1022 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 MR883 Y1022 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

HYDENT™ Heat Shrink Fork



For Copper Conductor; -55° through 110°C

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.

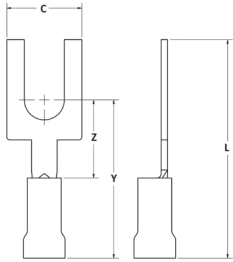
Catalog Number	Wire Range	Stud Size	L	C	Y	Z	Installation Tooling	Wire Strip Length
YHSA18K6LF	22 - 18	#6	1.20	0.25	0.66	0.32	MR22	7/32"
YHSA18K8LF		#8	1.20	0.31	0.69	0.32		
YHSA18K10LF		#10	1.20	0.31	0.75	0.32		
YHSA14K6LF	16 - 14	#6	1.18	0.25	0.66	0.30	MR22	7/32"
YHSA14K8LF		#8	1.20	0.30	0.69	0.30		
YHSA14K10LF		#10	1.20	0.32	0.75	0.30		
YHSA10K6LF	12 - 10	#6	1.27	0.30	0.81	0.29	MR22	11/32"
YHSA10K8LF		#8	1.27	0.33	0.81	0.29		
YHSA10K10LF		#10	1.27	0.35	0.87	0.29		

Small Terminals

Polyvinylchloride Insulated Block Fork Tongue Compression Terminals

TYPE TP-BF

INSULUG™



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

Features & Benefits

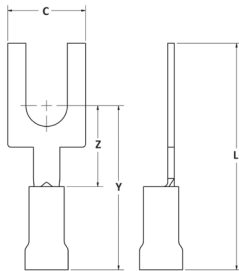
- Permits rapid, easy installation of the terminal under the screw head without complete removal of the screw

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
TP166BF	22 - 16	#4 - #6	0.25	0.95	0.83	0.32	Y1022 MR8891 MR8G96 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	Y1022 MR8891 MR8G96 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	Y1022 MR8891 MR8G96 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™



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.

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 Y1022 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 Y1022 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 Y1022 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

600 Volts Max., 105° C Max.

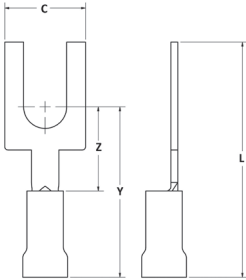
INSULUG™



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 the 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, MR81A, MR833T1, Y10D, Y1022, M8ND with one of the following dies: N14HET25V1, N10ET9, N14ET15, N10ET23	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, MR81A, MR833T1, Y10D, Y1022, M8ND with one of the following dies: N14HET25V1, N10ET9, N14ET15, N10ET23	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, MR81A, MR833T1, Y10D, Y1022, M8ND with one of the following dies: N14HET25V1, N10ET9, N14ET15, N10ET23	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



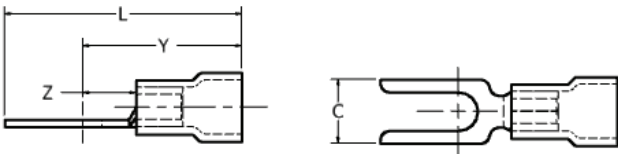
For Copper Conductor; -55° through 110°C

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	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	

TYPES YAV-H-F / YAV-Z

HYLUG™

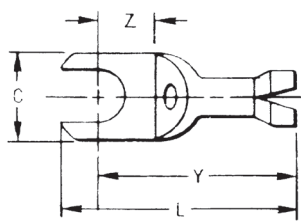
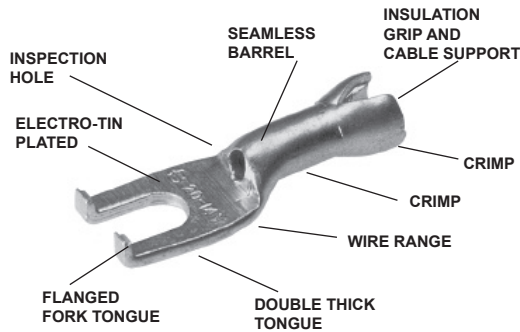


Fig .1

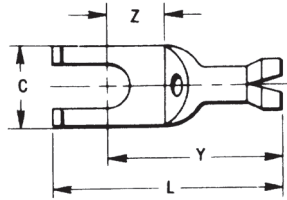


Fig .2

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

- Flanged fork permits installation of compression terminal under screw head without complete removal of the screw while also aiding to maintain the terminal on the stud should the screw loosen slightly



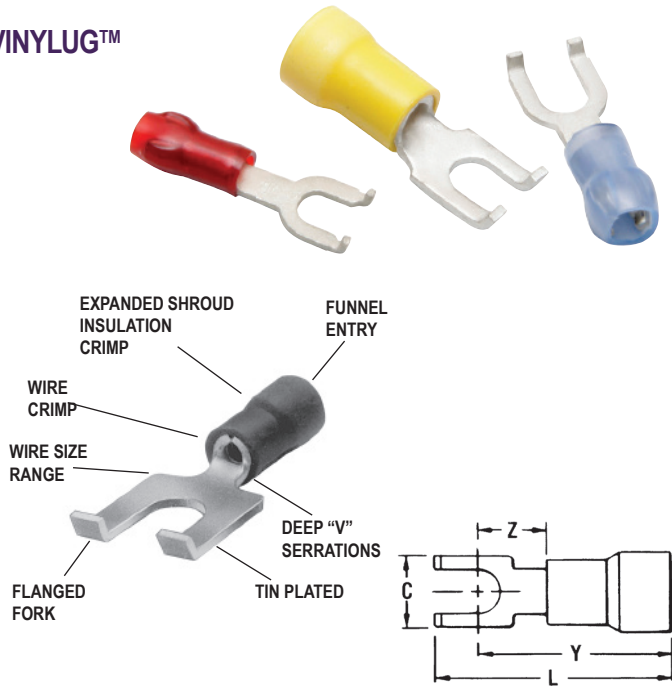
NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

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
YAV18H6FBOX	1	22-18	4-6	0.120	0.25	0.89	0.80	0.19	YAV18H6F	Non-Ratchet: Y10D*, Y14MV, Y1022* Ratchet: MR8G98, MR89Q, Y8MRB1*, MR20, and M8ND with N14HT5 Die or N14HT	1/4"
YAV18H19FBOX	1		4-6	0.120	0.30	0.97	0.75	0.21	YAV18H19F		
YAV18H21FBOX	1		8-10	0.120	0.37	0.97	0.76	0.22	YAV18H21F		
YAV14Z5BOX	2	20-14	4-6	0.150	0.31	0.86	0.69	0.13	YAV14Z5		
YAV14H32FBOX	1		4-6	0.150	0.30	0.96	0.78	0.23	YAV14H32F		
YAV14H56FBOX	1		6-8	0.150	0.30	0.96	0.78	0.23	YAV14H56F		
YAV14H34FBOX	1		8-10	0.150	0.38	0.96	0.78	0.23	YAV14H34F		
YAV14HFBOX	1		8-10	0.150	0.31	0.92	0.78	0.23	YAV14HF		
YAV14Z6BOX	2	8-10	0.150	0.37	1.00	0.78	0.21	YAV14Z6			
YAV10HFBOX	1	12-10	8-10	0.192	0.38	1.07	0.78	0.24	YAV10HF	N10HT24	7/16"

* Crimps conductor crimp only.

TYPES TP-Z / BA-EZ

VINYLUG™



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.

Features & Benefits

- Flange fork tongue design allows fast installation as 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



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	Y Max.	Z Min.	L Max.			
TP162Z	22 - 16 Max. Insul. Dia. Accom.: 0.15 Color Code Red	#1 - #2	0.17	0.66	0.23	0.78	BA16EZ2	MRE1022NV, MR15, Y1022*, Y6NCB with J1022NC4	1/4"
TP166Z		#4 - #6	0.28	0.66	0.23	0.83	BA16EZ6		
TP168Z		#6 - #8	0.31	0.69	0.26	0.88	BA16EZ8		
TP1610Z		#8 - #10	0.41	0.75	0.31	0.96	BA16EZ10		
TP142Z	16 - 14 Max. Insul. Dia. Accom.: 0.18 Color Code: Blue	#1 - #2	0.17	0.66	0.23	0.78	BA14EZ2	MRE1022NV, MR15, Y1022*, Y6NCB with J1022NC4	1/4"
TP146Z		#4 - #6	0.28	0.66	0.23	0.83	BA14EZ6		
TP148Z		#6 - #8	0.31	0.69	0.26	0.88	BA14EZ8		
TP1410Z		#8 - #10	0.41	0.75	0.31	0.96	BA14EZ10		
TP106Z	12 - 10 Max. Insul. Dia. Accom.: 0.26 Color Code: Yellow	#4 - #6	0.28	0.81	0.26	0.99	—	MRE1022NV, MR15, Y6NCB with J1022NC4, M8ND* with N10ET23	11/32"
TP108Z		#6 - #8	0.31	0.81	0.26	1.01	BA10EZ8		
TP1010Z		#8 - #10	0.41	0.87	0.31	1.09	BA10EZ10		

* Tools highlighted with asterisks are NOT UL Listed when used with the connectors on this page.

Small Terminals

Nylon Insulated Flanged Fork,
Multi-Finger Insulation Grip

TYPE YAE-Z / YAE-Z BOX

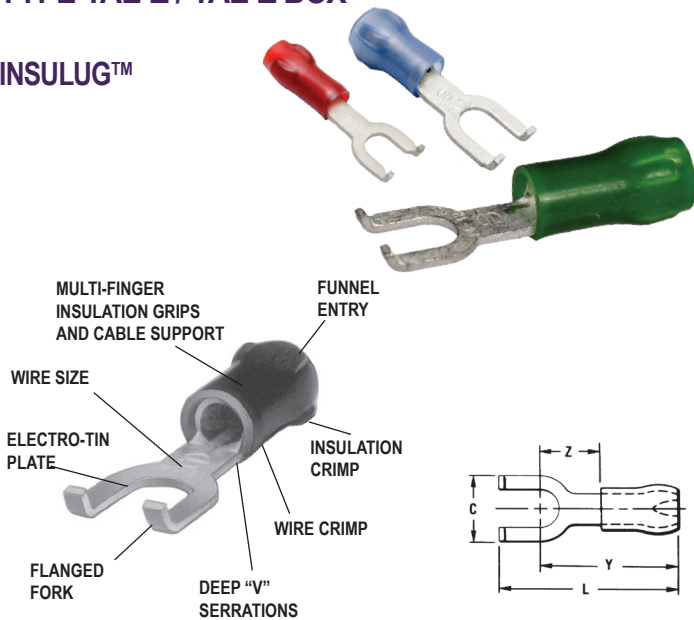
600 Volts Max., 105° C Max.

INSULUG™

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



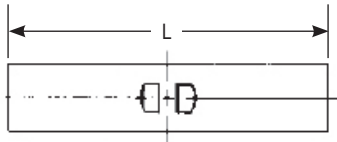
NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

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, MR833T1, M8ND with one of the following dies: N14HET15, N10ET9, N10ET23, N14HET25V1 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, MR833T1, M8ND with one of the following dies: N14HET15, N10ET9, N10ET23, N14HET25V1 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, MR833T1, M8ND with one of the following dies: N14HET15, N10ET9, N10ET23, N14HET25V1 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, MR833T1, M8ND with N12HET1 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		

* Not UL Listed

TYPE YSV-B

HYLINK™



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

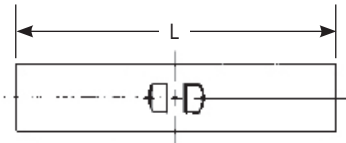
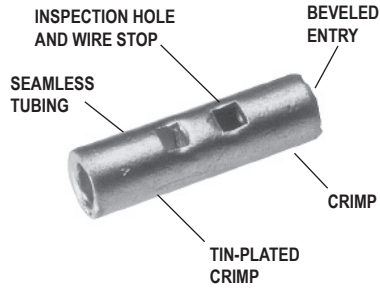
Features & Benefits

- Constructed of pure electrolytic copper to provide maximum conductivity, low resistance and ductility provided excellent crimp forming properties
- Electro-tin plated for durable long-lasting corrosion resistance

Catalog Number	Wire Range	L	Installation Tooling	Wire Strip Length
YSV18BBOX	22 - 18 AWG	0.62	Y10D Y1022 MRE1022B Y8MRB1 MR89Q MR8G98 MR20	1/4"
YSV14BBOX	16 - 14 AWG	0.64		1/4"
YSV10BBOX	12 - 10 AWG	0.75		5/16"

TYPE YSV

HYLINK™



HYLINK™ Type YSV seamless splice connectors are used to splice stranded and solid copper conductors in virtually all heavy 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
- Positive center wire stops for proper depth of wire insertion
- Marked with wire size providing easy wire size identification
- The HYLINK™ splice connectors feature inspection holes providing easy visual inspection of proper wire insertion

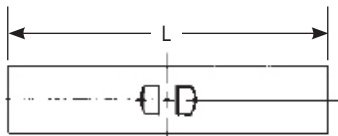
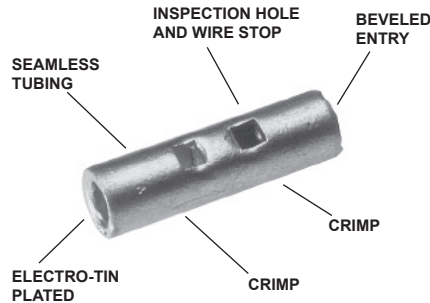


Catalog Number	Wire Range AWG, AN, Aircraft	L	Bulk Catalog Number	Installation Tooling	Wire Strip Length
YSV18BOX	22 - 18	0.62	YSV18	Non-Ratchet: Y10D, Y1022 Ratchet: MRE1022B, MR20, Y8MRB1, MR89Q*, MR8G98	1/4"
YSV14BOX	20 - 14	0.64	YSV14	Non-Ratchet: Y10D, Y1022 Ratchet: MRE1022B, MR20, Y8MRB1, MR89Q*, MR8G98	1/4"
YSV10BOX	12 - 10	0.75	YSV10	Non-Ratchet: Y10D, Y1022 Ratchet: MRE1022B, MR20, Y8MRB1, MR89Q*, MR8G98	5/16"

* Remove stop plate

TYPE YSV-L

HYLINK™



HYLINK™ Type YSV-L seamless splice connector is used to splice AN type 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 to provide durable long lasting resistance to corrosion
- Wire stop provides proper depth of wire insertion
- Marked with wire size provides easy wire size identification
- The HYLINK™ splice connectors have inspection holes to provide easy visual inspection for proper wire insertion



Catalog Number	Wire Range Aircraft-AN Comm'l-AWG Str. & Sol.	Dimensions L	Bulk Catalog Number	Installation Tooling			Wire Strip Length	
				Ratchet	HYTOOL™ **	• 35 Series		
						Nest		Indentor
YSV8CLBOX	8 AWG	1.00	YSV8CL	MR89Q, Y8MRB1, Y1MRTC	MY28 (for Type AH Aircraft Cable); All others: MY293, MY2911 1 Crimp	UV8L	Y34PL	7/16"
YSV6CLBOX	6 AWG	1.12	YSV6CL	Y1MRTC, MR4C		UV6L	Y34PLA	5/8"
YSV4CLBOX	4 AWG	1.12	YSV4CL	Y1MRTC, MR4C		UV4L	Y34PLA	5/8"
YSV2CLBOX	2 AWG	1.41	YSV2CL	Y1MRTC		UV2L	Y34PLA	5/8"
YSV1CLBOX	1 AWG	1.46	YSV1CL	—		UV1L	Y34PLA	5/8"
YSV25LBOX	1/0 AWG	1.53	YSV25L	—		UV25L	Y34PA	11/16"
YSV26LBOX	2/0 AWG	1.78	YSV26L	—		UV26L	Y34PA	13/16"
YSV27LBOX	3/0 AWG	1.81	YSV27L	—		UV27L	Y34PA	13/16"
YSV28LBOX	4/0 AWG	1.94	YSV28L	—		UV28L	Y34PA	7/8"

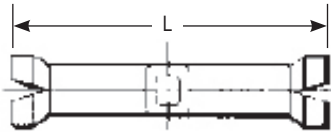
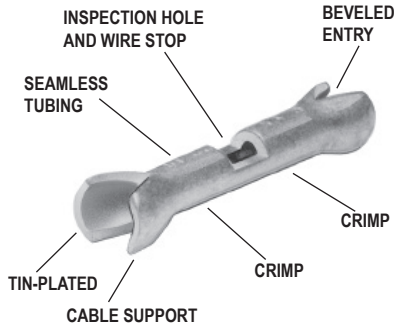
* Remove stop plate

• Use Y35P3 Indentor Adaptor.

** Bench Mount Adaptor (Catalog Number: BMYBCHMT) is available for MY Series HYTOOL™

TYPE YSV-H

HYLINK™



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

Features & Benefits

- Manufactured from seamless tubing
- 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 to provide durable long lasting resistance to corrosion
- Positive center wire stops provide proper depth of wire insertion
- Marked with wire size for easy wire size identification
- HYLINK™ splice connectors have inspection holes for easy visual inspection of proper wire insertion

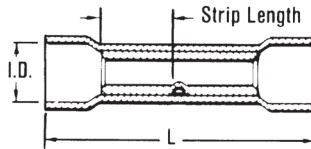
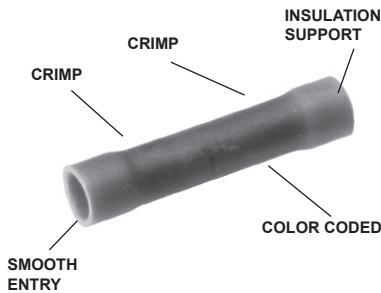


Catalog Number	Wire Range AWG, AN, Aircraft	L	Bulk Catalog Number	Installation Tooling	Wire Strip Length
YSV18HBOX	22 - 18	0.89	YSV18H	MRE1022B MR89Q* MR8G98	1/4"
YSV14HBOX	20 - 14	0.94	YSV14H		1/4"
YSV10HBOX	12 - 10	1.06	YSV10H		5/16"

* Remove stop plate.

TYPE SP

VINYLINK™



600 Volts Max., 105° C Max.

Type SP VINYLINK™ butt splices are PVC insulated, seamless and designed to accommodate a broad range of 600 volt cables.

Features & Benefits

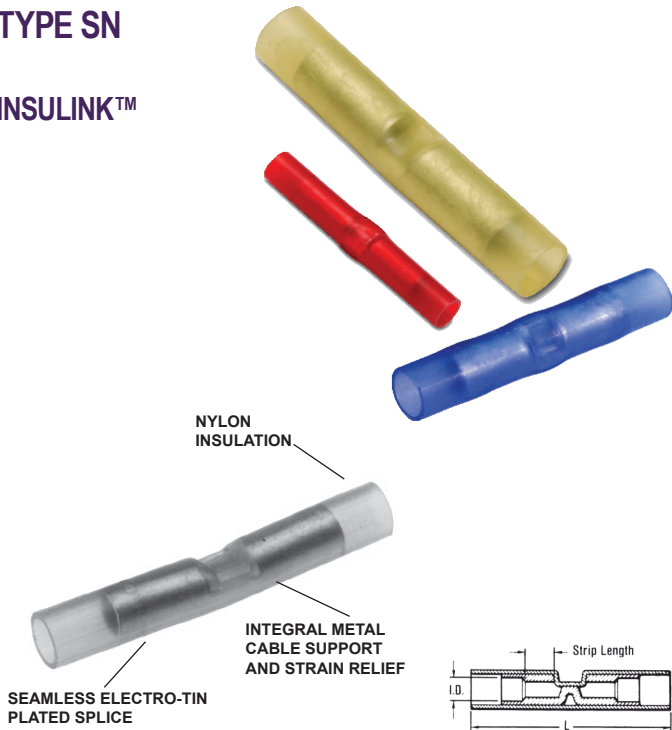
- Manufactured from seamless electrolytic copper tubing to provide maximum conductivity and tensile strength in a high quality design with no seams to split
- Funnel entry for easy wire insertion
- Electro-tin plated providing durable, long lasting resistance to corrosion
- Expanded insulation support to lower inventory requirements
- Red wire range of 22-16 also assists to lower inventory requirements
- Vinyl insulation provides an 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: Y1022 Ratchet: MRE1022NV MR8G98 MR15 MR8891	1/4"
SP14	16 - 14	Blue	BS14	1.00	0.18	Non-Ratchet: Y1022 Ratchet: MRE1022NV MR8G98 MR15 MR8891	1/4"
SP10	12 - 10	Yellow	BS10	1.23	0.26	Non-Ratchet: Y1022 Ratchet: MRE1022NV MR8G98 MR15 MR8891	21/64"

TYPE SN

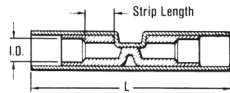
INSULINK™



NYLON INSULATION

INTEGRAL METAL CABLE SUPPORT AND STRAIN RELIEF

SEAMLESS ELECTRO-TIN PLATED SPLICE



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 SAE-AS7928 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 for 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 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 MR883 MR18	15/64"
SN14	16 - 14	Blue	YSE14HN	1.25	0.15	Plier: Y10D Y1022 Ratchet: MRE1022NV MR883 MR18	7/32"
SN10	12 - 10	Yellow	YSE10HN	1.64	0.22	Plier: Y10D Y1022 Ratchet: MRE1022NV MR883 MR18	3/8"

TYPE SN-B

INSULINK™

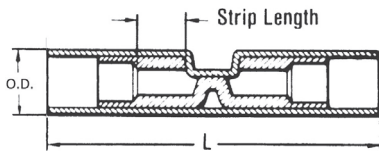


600 Volts Max., 105° C Max.

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

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 MR885	15/64"
SN14B	16 - 14 AWG	Blue	1.25	0.15	Y10D Y1022 MRE1022NV MR885	7/32"
SN10B	12 - 10 AWG	Yellow	1.64	0.22	Y10D Y1022 MRE1022NV MR885	3/8"

TYPES YSE / YSE-H BOX

600 Volts Max., 105° C Max.

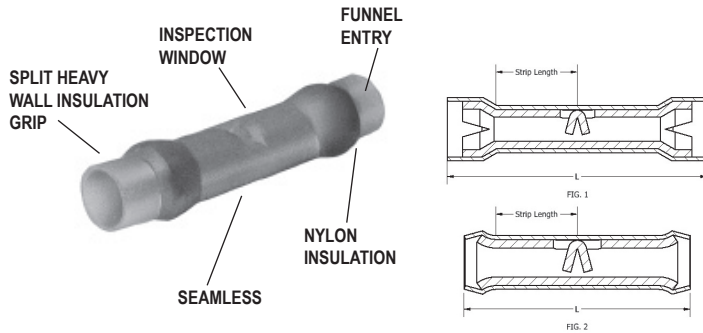
INSULINK™



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

Features & Benefits

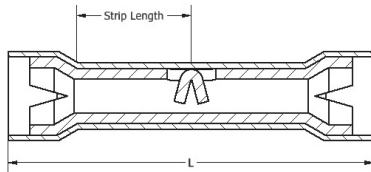
- Manufactured from tin plated, seamless electrolytic copper tubing with integral barrel/insulation grip — providing maximum conductivity and tensile strength along with excellent cable support and strain relief
- Split heavy wall insulation grip for stronger insulation grip and strain relief
- Smooth funnel entry for easy wire insertion
- Transparent nylon insulation for 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
YSE18HBOX	1	22 - 18	Red	YSE18H	1.22	0.12	Y10D Y1022 Ratchet: MRE1022NV MR833T1	9/32"
YSE14HBOX	1	16 - 14	Blue	YSE14H	1.36	0.15	Y10D Y1022 Ratchet: MRE1022NV MR833T1	11/32"
YSE10BOX	2	12 - 10	Yellow	YSE10	1.15	0.21	Y10D Y1022 Ratchet: MRE1022NV MR833T1	23/64"

TYPE YSE-HHS

HYDENT™



For Copper Conductor; -55° through 110°C

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

Features & Benefits

- Manufactured from tin plated, seamless electrolytic copper tubing with integral barrel for 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 MR833T1	9/32"
YSE14HHS	16 - 14	1.50	0.20	Y10D, Y1022 MR833T1	11/32"
YSE10HHS	12 - 10	1.60	0.25	Y10D, Y1022 MR833T1	23/64"

TYPE YHSS

HYDENT™

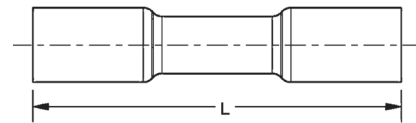


For Copper Conductor; -55° through 110°C

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

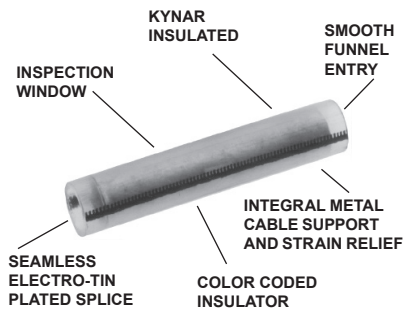


Catalog Number (100/bag)	Catalog No. (20/bag)	Conductor Size	L
YHSS18	YHSS18RK	22 - 18 AWG	1.50"
YHSS14	YHSS14RK	16 - 14 AWG	1.50"
YHSS10	YHSS10RK	12 - 10 AWG	1.60"

Recommended Tooling MR22

TYPE YSES-K

INSULINK™

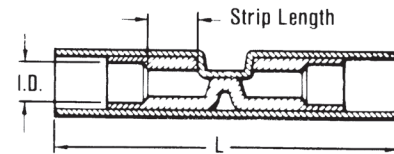


Polyvinylidene Fluoride (PVF2) Insulated
200 Megarads; 60°C through 150°C; 600 Volts

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 potentially 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

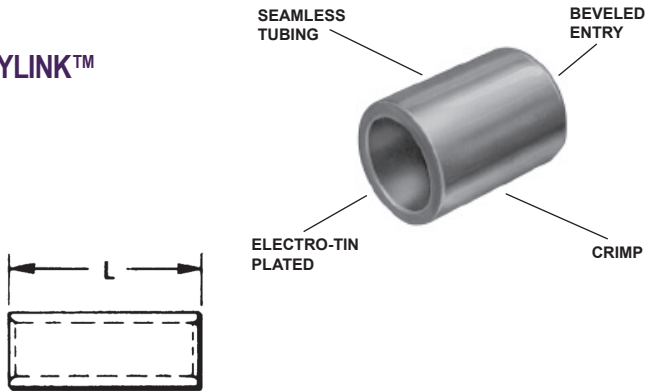
- These insulated splices are suitable for class 1E applications
- Pure electrolytic copper seamless tubing eliminates potential splitting of seams
- Color coded stripe identifies wire size
- Window is provided for inspection of proper wire insertion
- Suitable for 200 Megarads Rated 60°C through 150°C;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



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: PG3731 Crimp ID Mark: (1) Small Dot	3/16"
YSES14K	16-14	Blue	0.15	1.00	Ratchet Tool: MR10G8 Blue Groove Calibration Gauge: PG3711 Crimp ID Mark: (2) Small Dots	3/16"
YSES10K	12-10	Yellow	0.21	1.38	Ratchet Tool: MR10G8 Yellow Groove Calibration Gauge: PG3721 Crimp ID Mark: (1) Large Dot	7/16"

TYPE YSM

HYLINK™



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 the splice without being forced.

Features & Benefits

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

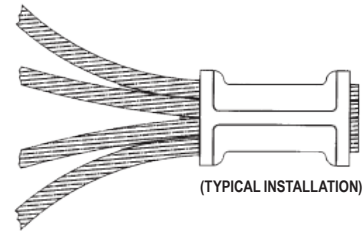
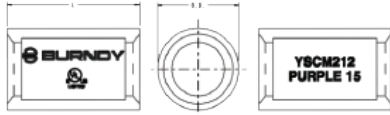
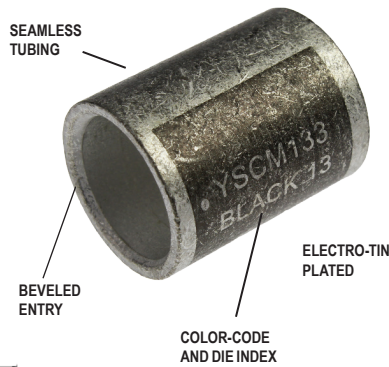
Catalog Number	Circular Mil. Range	Dim. L	Installation Tooling						Wire Strip Length
			Ratchet	Mechanical HYTOOL™	Y29 Series		35, 750 Series		
					Nest	Indenter	Nest	Indenter	
YSM18	300 - 1,909	0.25	MR89Q*	—	—	—	—	—	5/16
YSM14	477 - 4,107	0.25	Y14MRQ Y8MRB1	—	—	—	—	—	5/16
YSM10	4,107 - 10,380	0.36	MR89Q* MR4CQ Y10MRQ Y8MRB1	—	—	—	—	—	7/16
YSM8C	6,088 - 16,864	0.41	Y2MR MR4CQ MR89Q*	MY2911 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	Y29PQ6	UV25L	Y29PQ6	3/4
YSM26	104,110 - 133,650	0.81	—		DV26L	Y29PQ6	UV26L	Y29PQ6	7/8
YSM27	133,650 - 167,332	0.81	—		DV27L	Y29PQ6	UV27L	Y29PQ6	7/8
YSM28	167,332 - 211,954	0.88	—		DV28L	Y29PQ6	UV28L	Y29PQ6	5/16

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™



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.

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, 500, 600 Series	35, 750 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	X1CRT1, W1CRT1	U1CRT1	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

HYREDUCER™



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.

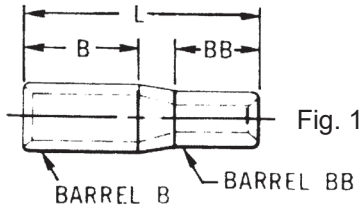


Fig. 1

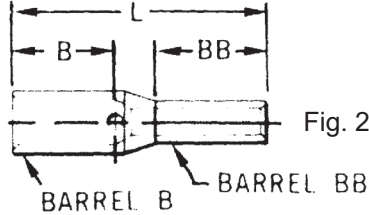


Fig. 2

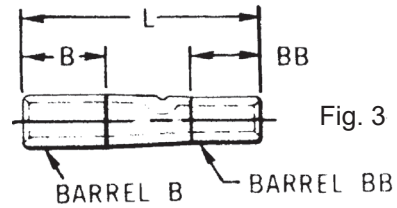


Fig. 3

Catalog Number	Wire Range AWG, AN, Aircraft	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
YSV1214G1	16 - 12	2	12	0.31	4	16 - 14	0.27	1	0.81
YSV1014G2	20 - 10	2	12 - 10	0.31	4	20 - 14	0.27	1	0.77
YRV8CV14L	20 - 8	3	8	0.44	5	20 - 14	0.39	1	1.16
YRV8CV10L	12 - 8	3	8	0.44	5	12 - 10	0.53	4	1.15
YRV6CV10L	12 - 6	3	6	0.50	6	12 - 10	0.53	4	1.25
YRV6CV8CL	8 - 6	3	6	0.50	6	8	0.53	5	1.18
YRV4CV6CL	6 - 4	3	4	0.50	7	6	0.54	6	1.24
YRV2CV6CL	6 - 2	3	2	0.62	8	6	0.51	6	1.60

* B and BB dimensions are wire strip lengths.

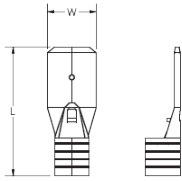
TOOL INDEX

Index Number	Hand Tools	Tools With Dies	
		Y29 Series	
1	MR8G98	—	
2	Y8MRB1 MR89Q†	—	
4	MR20	—	
5	Y8MRB1 MY28 MR4C Y1MRTC	Nest	Indenter
		DV8L1*	Y29PL
6	MY28 MR4C Y1MRTC	DV6L	Y29PL
7	MY28 MR4C Y1MRTC	DV4L	Y29PL
8	Y1MRTC MY28	DV2L	Y29PL

* For aircraft applications (flexible cables).

TYPE Q-M

FINGRIP™ Non-Insulated Male Quick Disconnects



Non insulated quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a male-type blade which slides into a female-type receptacle.

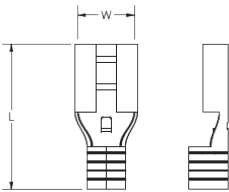
Features & Benefits

- Butted seam
- Chamfered barrel opening for quick and easy wire insertion
- Mates with dimpled female socket detent for a 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		0.187 X 0.020	0.66	0.187			Q18M18X02B
Q18M25X03D		0.250 X 0.032	0.66	0.250			Q18M25X03B
Q14M18X02D	14 - 16	0.187 X 0.020	0.66	0.187			Q14M18X02B
Q14M25X03D		0.250 X 0.032	0.66	0.250			Q14M25X03B
Q10M25X03D	12 - 10	0.250 X 0.032	0.66	0.250			—

TYPE Q-F

FINGRIP™ Non-Insulated Female Quick Disconnects



Non-insulated quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a female-type receptacle which slides onto a male-type blade.

Features & Benefits

- Butted seam
- Chamfered barrel opening for quick and easy wire insertion
- Dimpled female socket detent ensure firm grip

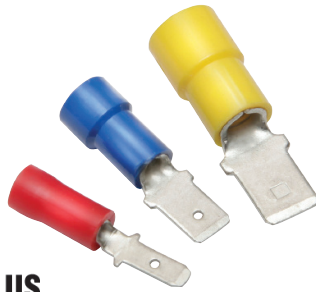
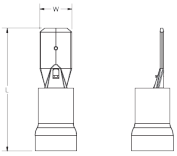
Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tooling	Wire Strip Length	Bulk Catalog Number
Q18F11X02D	18 - 22	0.110 x 0.020	0.66	0.110	MRE1022B Y10D MR20	3/8"	—
Q18F18X02D		0.187 x 0.020		0.187			Q18F18X02B
Q18F25X03D		0.250 x 0.032		0.250			Q18F25X03B
Q14F11X02D	14 - 16	0.110 x 0.020		0.110			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			

Small Terminals

Vinyl Insulated Tin-Plated Brass Male / Female
Compression Quick Disconnects

TYPE QP-M

FINGRIP™ Vinyl Insulated Male Quick Disconnects



600 Volts Max., 105° C Max.

Vinyl insulated quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a male-type blade which slides into a female-type receptacle.

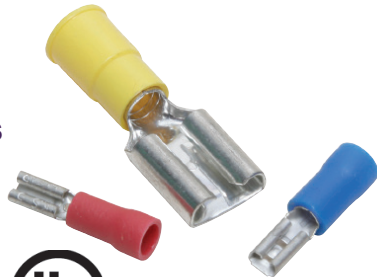
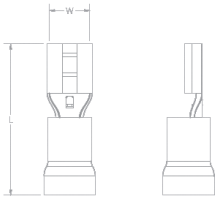
Features & Benefits

- Butted seam
- Funnel entry barrel opening for quick and easy wire insertion
- Mates with dimpled female socket detent for a 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



600 Volts Max., 105° C Max.

Vinyl insulated quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a female-type receptacle which slides onto a male-type blade.

Features & Benefits

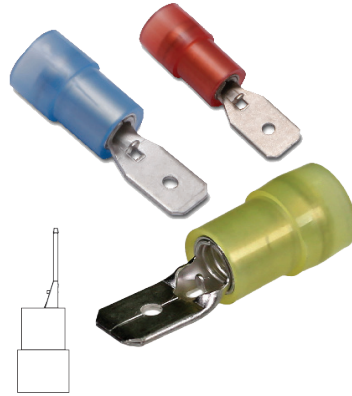
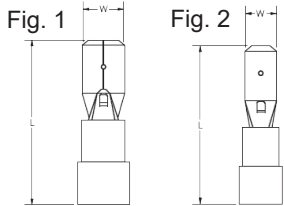
- Butted seam
- Insulated connectors eliminate the need for post installation insulation
- Funnel entry barrel opening for quick and easy wire insertion
- Dimpled female socket detent ensure firm grip

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	0.19 X 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 QN-M

FINGRIP™ Nylon Insulated Male Quick Disconnects



300 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 male-type blade which slides into a female-type receptacle.

Features & Benefits

- Sleeved barrel
- Funnel entry barrel opening assures quick and easy wire insertion
- Mates with dimpled female socket detent ensuring firm grip

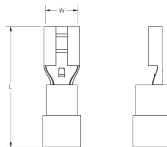
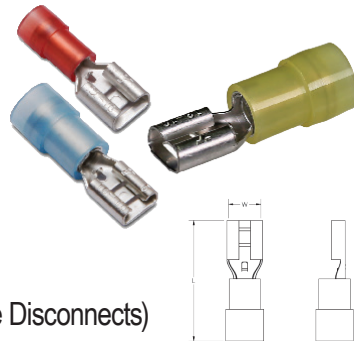
Catalog Number	Figure Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length	Bulk Catalog Number
QN18M18X02D	2	18 - 22	0.19 X 0.02	0.80	0.19	MRE1022NV Y10D Y1022	3/8"	QN18M18X02B
QN18M25X03D	1		0.25 X 0.03	0.87	0.25			QN18M25X03B
QN14M18X02D	2	14 - 16	0.19 X 0.02	0.80	0.19	MRE1022NV 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™ Nylon Insulated Female Quick Disconnects



(Mates with Type QN-M Male Disconnects)



300 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 slides onto a male-type blade.

Features & Benefits

- Sleeved barrel
- Insulated connector eliminate the need for post installation insulation
- Funnel entry barrel opening assures quick and easy wire insertion
- Dimpled female socket detent ensures firm grip

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	18 - 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	

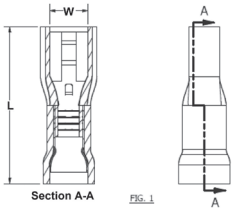
* Not cULus.

Small Terminals

Vinyl Fully Insulated Tin-Plated Brass Female Quick Disconnects / Nylon Fully Insulated Tin-Plated Brass Male Quick Disconnects

TYPE FQP-F

FINGRIP™ Vinyl Fully Insulated Female Quick Disconnects



600 Volts Max., 105° C Max.

Vinyl 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 a male-type blade.

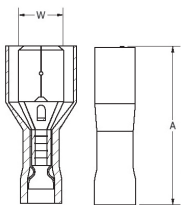
Features & Benefits

- Fully insulated connectors eliminate the need for post installation insulation
- Funnel entry barrel opening assures quick and easy wire insertion
- Dimpled female socket detent ensuring 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 FQN-M

FINGRIP™ Nylon Fully Insulated Male Quick Disconnects



600 Volts Max., 105° C Max.

Nylon fully insulated quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a male-type receptacle which slides into a female-type receptacle.

Features & Benefits

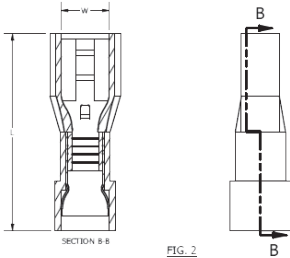
- Fully insulated connectors eliminate the need for post installation insulation
- Funnel entry barrel opening assures quick and easy wire insertion
- Dimpled female socket detent ensuring firm grip

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 FQN-F

FINGRIP™ Nylon Fully Insulated Female Quick Disconnects



Tin Plated Brass; 300 Volts Max., 105° C Max.

Fully 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 a male-type blade.

Features & Benefits

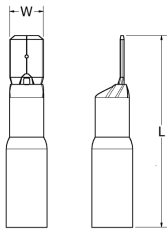
- Fully insulated connectors eliminate the need for post installation insulation
- Funnel entry barrel opening for quick and easy wire insertion
- Dimpled female socket detent for a firm grip

Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length
FQN18F25X03D	18 - 22	.250 X .032	.90	.250	MRE1022NV Y10D Y1022	3/8"
FQN14F18X02D*	14 - 16	.187 x .020	.90	.187	MRE1022NV Y10D Y1022	3/8"
FQN14F25X03D	14 - 16	.250 X .032	.90	.250		
FQN10F25X03D	10 - 12	.250 X .032	.98	.250	MRE1022NV Y10D Y1022	3/8"

* Not cULus.

TYPE YHSQ-M

HYDENT™ Heat Shrink Insulated Male Quick Disconnects



For Copper Conductor; -55° through 110°C

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.

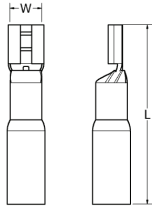
Features & Benefits

- 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
				W	L		
YHSQ18M25X03	YHSQ18M25X03RK	22-18 AWG	0.250 X 0.032	0.25	1.25	MR22	5/16"
YHSQ14M25X03	YHSQ14M25X03RK	16-14 AWG	0.250 X 0.032	0.25	1.25	MR22	5/16"
YHSQ10M25X03	YHSQ10M25X03RK	12-10 AWG	0.250 X 0.032	0.25	1.19	MR22	5/16"

TYPE YHSQ-F

HYDENT™ Heat Shrink Insulated Female Quick Disconnects



Tin Plated Brass; -55° through 110°C

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.

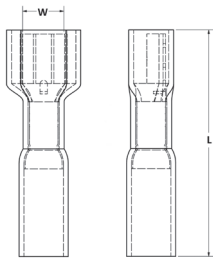
Features & Benefits

- 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
				W	L		
YHSQ18F11X02D	—	22-18 AWG	0.110 X 0.020	0.16	1.28	MR22	5/16"
YHSQ18F18X02D	—		0.187 X 0.020	0.23	1.28		
YHSQ18F25X03	YHSQ18F25X03RK		0.250 X 0.032	0.30	1.27		
YHSQ14F11X02D	—	16-14 AWG	0.110 X 0.020	0.16	1.28	MR22	5/16"
YHSQ14F18X02D	—		0.187 X 0.020	0.23	1.28		
YHSQ14F25X03	YHSQ14F25X03RK		0.250 X 0.032	0.30	1.27		
YHSQ10F25X03	YHSQ10F25X03RK	12-10 AWG	0.250 X 0.032	0.30	1.27	MR22	5/16"

TYPE YHSFQ-F

HYDENT™ Fully Insulated Female Quick Disconnects



Tin Plated Brass; -55° through 110°C

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.

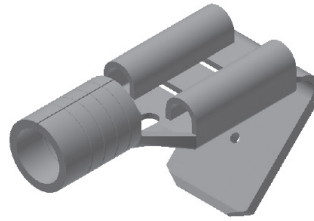
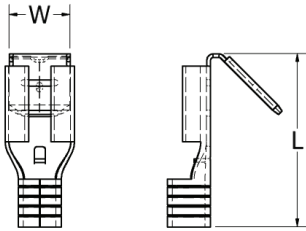
Features & Benefits

- 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
				W	L		
YHSFQ18F25X03	YHSFQ18F25X03RK	22-18 AWG	0.250 X 0.032	0.38	1.28	MR22	5/16"
YHSFQ14F25X03	YHSFQ14F25X03RK	16-14 AWG	0.250 X 0.032	0.38	1.28	MR22	5/16"
YHSFQ10F25X03	YHSFQ10F25X03RK	12-10 AWG	0.250 X 0.032	0.38	1.34	MR22	5/16"

TYPE PG

Male / Female Combination Quick Disconnects



Tin-plated brass piggy-back connectors are designed to allow for additional terminals to be connected.

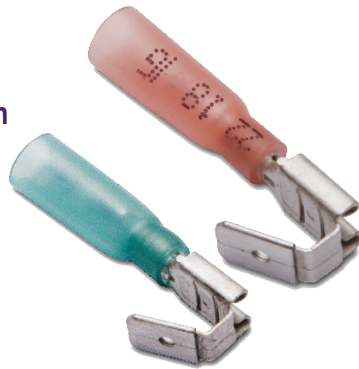
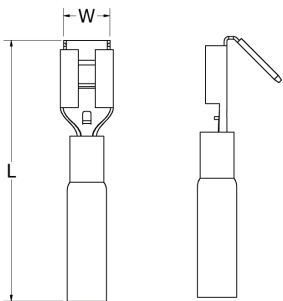
Features & Benefits

- 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 ensure firm grip

Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length
PG1825X03D	22 - 18 AWG	0.250 X 0.032	0.79	0.25	MRE1022B, Y10D, Y1022	3/8"
PG1425X03D	16 - 14 AWG	0.250 X 0.032	0.79	0.25	MRE1022B, Y10D, Y1022	3/8"
PG1025X03D	12 - 10 AWG	0.250 X 0.032	0.89	0.25	MRE1022B, Y10D, Y1022	3/8"

TYPE PGHS

Heat Shrink Insulated Male / Female Combination Quick Disconnects



For Copper Conductor; -55° through 110°C

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	L	W	Installation Tool	Wire Strip Length
PGHS1825X03D	22 - 18 AWG	0.250 X 0.032	0.91	0.25	Y10D Y1022 MR22	5/16"
PGHS1425X03D	16 - 14 AWG	0.250 X 0.032	0.91	0.25	Y10D Y1022	5/16"

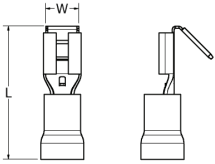
TYPE PGP

600 Volts Max., 105° C Max.

FINGRIP™ Vinyl Insulated Male/Female Combination Quick Disconnects



Tin-plated brass, vinyl insulated piggy-back connectors 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 ensure firm grip

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

* For UL Listed applications, consult BURNDY® factory.

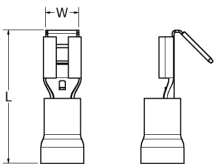
TYPE PGN

600 Volts Max., 105° C Max.

FINGRIP™ Nylon Insulated Male/Female Combination Quick Disconnects



Nylon insulated tin-plated brass quick disconnects allow for quickly connecting or disconnecting a terminal. The design also allows for additional terminals to be connected easily.



Features & Benefits

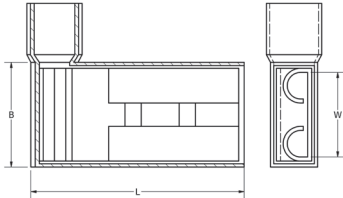
- Sleeved barrel
- Combination connector allows for more than one connection to a circuit
- Funnel entry barrel opening assures quick and easy wire insertion
- Dimpled female socket detent ensures firm grip

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

* For UL Listed applications, consult BURNDY® factory.

TYPE FLN

FINGRIP™ Nylon Flag-Style Female Quick Disconnect



Flag style female quick disconnects provide quick, reliable, snap-together interconnections without the use of tools. Side entrance chamfer to permit connections of 90° without bending the wire.

Features & Benefits

- Dimpled female socket detent ensure firm grip

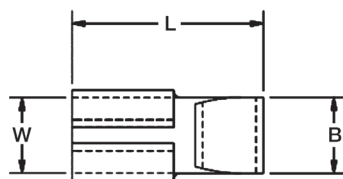
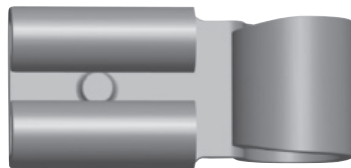


Catalog Number	Wire Range	NEMA Tab Size	L	B	W	Installation Tool	Wire Strip Length
FLN1825X03D	22 - 18	0.250 X 0.032	0.60	0.40	0.25	MRE1422FLN	3/8"
FLN1425X03D	16 - 14	0.250 X 0.032	0.63	0.40	0.25	MRE1422FLN	3/8"
FLN1025X03D*	12 - 10	0.250 X 0.032	0.64	0.40	0.25	MRE1422FLN	3/8"

* Not cULus.

TYPE FL

FINGRIP™ Flag-Style Female Quick Disconnect



Flag style female quick disconnects provide quick, reliable, snap-together interconnections without the use of tools. Side entrance chamfer to permit connections of 90° without bending the wire.

Features & Benefits

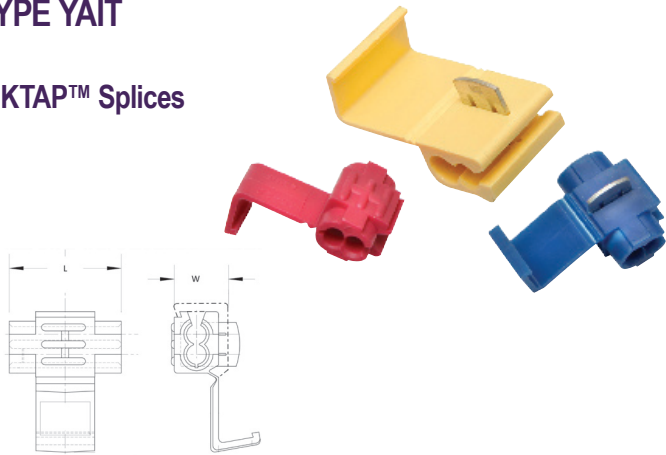
- Dimpled female socket detent ensure firm grip



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	BTH450	3/8"	FL1825X03B	1000
FL1425X03D	100	14 - 16	0.250 x 0.032	0.67	0.17	0.25	BTH450	3/8"	FL1425X03B	1000
FL1025X03D	50	10 - 12	0.250 x 0.032	0.67	0.17	0.25	BTH450	3/8"	FL1025X03B	1000

TYPE YAIT

QIKTAP™ Splices



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

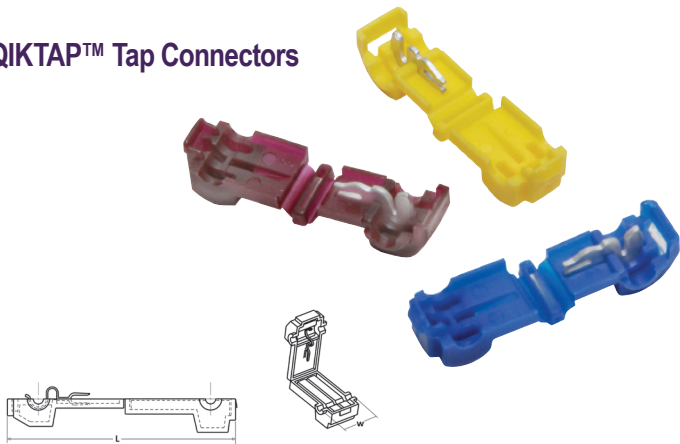
Features & Benefits

- Easy to use
- Saves time
- Color coded
- No special tooling 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™ Tap Connectors



Type TTV 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 re-connections could be necessary.

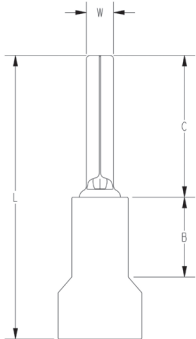
Features & Benefits

- 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 PTV

VINYLUG™



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.

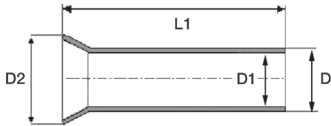
Features & Benefits

- Vinyl insulation
- Color-coded barrels
- 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-UIL

Bare Ferrules



For Use on Copper Conductor

Wire ferrules are also known as cord end terminals or bootlace ferrules. These are electrical connectors used to terminate stranded wires. 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.

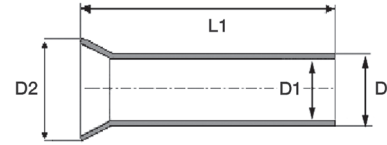
Features & Benefits

- 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 ²	L1 Dim (in)	D Dim (in)	D1 Dim (in)	D2 Dim (in)	
YF2006UIL	20	0.75	0.24	0.06	0.05	0.10	YF268CFSL YF261CSKIT with YF2610D die YF2210FL†
YF2010UIL	20	0.75	0.39	0.06	0.05	0.08	
YF2012UIL	20	0.75	0.47	0.06	0.05	0.08	
YF1806UIL	18	1.00	0.24	0.07	0.06	0.11	
YF1808UIL	18	1.00	0.32	0.07	0.06	0.09	
YF1810UIL	18	1.00	0.39	0.07	0.06	0.09	
YF1812UIL	18	1.00	0.47	0.07	0.06	0.09	
YF1607UIL	16	1.50	0.28	0.08	0.07	0.09	
YF1608UIL	16	1.50	0.32	0.08	0.07	0.12	
YF1610UIL	16	1.50	0.39	0.08	0.07	0.12	
YF1612UIL	16	1.50	0.47	0.08	0.07	0.12	
YF1618UIL	16	1.50	0.71	0.08	0.07	0.12	
YF1408UIL	14	2.50	0.32	0.10	0.09	0.13	
YF1410UIL	14	2.50	0.39	0.10	0.09	0.13	
YF1412UIL	14	2.50	0.47	0.10	0.09	0.13	
YF1418UIL	14	2.50	0.71	0.10	0.09	0.13	
YF1209UIL	12	4.00	0.35	0.13	0.11	0.15	
YF1212UIL	12	4.00	0.47	0.13	0.11	0.17	
YF1215UIL	12	4.00	0.59	0.13	0.11	0.15	
YF1218UIL	12	4.00	0.71	0.13	0.11	0.15	
YF1010UIL	10	6.00	0.39	0.15	0.14	0.19	YF268CFSL YF2210FL†
YF1012UIL	10	6.00	0.47	0.15	0.14	0.19	
YF1015UIL	10	6.00	0.59	0.15	0.14	0.19	
YF1018UIL	10	6.00	0.71	0.15	0.14	0.19	
YF0812UIL	8	10.00	0.47	0.19	0.18	0.29	YF268CFSL YF261CSKIT with YF864D die
YF0815UIL	8	10.00	0.59	0.19	0.18	0.29	
YF0818UIL	8	10.00	0.71	0.19	0.18	0.29	
YF0612UIL	6	16.00	0.47	0.24	0.23	0.30	YF261CSKIT with YF864D die
YF0615UIL	6	16.00	0.59	0.24	0.23	0.30	
YF0618UIL	6	16.00	0.71	0.24	0.23	0.30	
YF0625UIL	6	16.00	0.98	0.24	0.23	0.30	

† Not currently UL Listed when using the YF2210FL tool.

TYPE YF-UIL (Continued)



Catalog Number	Wire Size		Dimensions in Inches				Recommended Tooling
	AWG	mm ²	L1 Dim (in)	D Dim (in)	D1 Dim (in)	D2 Dim (in)	
YF0412UIL *	4	25.00	0.47	0.31	0.29	0.38	YF261CSKIT with YF864D die
YF0415UIL	4	25.00	0.59	0.31	0.29	0.38	
YF0418UIL	4	25.00	0.70	0.31	0.29	0.38	
YF0420UIL	4	25.00	0.79	0.31	0.29	0.38	
YF0425UIL	4	25.00	0.98	0.31	0.29	0.38	
YF0432UIL	4	25.00	1.26	0.31	0.29	0.38	
YF0215UIL *	2	35.00	0.59	0.34	0.33	0.42	YF261CSKIT with YF21D die
YF0220UIL	2	35.00	0.79	0.34	0.33	0.42	
YF0225UIL	2	35.00	0.98	0.34	0.33	0.42	
YF0232UIL	2	35.00	1.26	0.34	0.33	0.42	
YF0118UIL *	1	50.00	0.71	0.43	0.41	0.52	81K Series
YF0122UIL *	1	50.00	0.87	0.43	0.41	0.52	
YF0125UIL *	1	50.00	0.98	0.43	0.41	0.52	
YF0132UIL *	1	50.00	1.26	0.43	0.41	0.52	
YF1/018UIL	1/0	50.00	0.71	0.43	0.41	0.52	
YF1/022UIL	1/0	50.00	0.87	0.43	0.41	0.52	
YF1/025UIL	1/0	50.00	0.98	0.43	0.41	0.52	
YF1/032UIL	1/0	50.00	1.26	0.43	0.41	0.52	
YF2/022UIL *	2/0	70.00	0.87	0.56	0.53	0.64	
YF2/025UIL *	2/0	70.00	0.98	0.56	0.53	0.64	
YF2/032UIL *	2/0	70.00	1.26	0.56	0.53	0.64	
YF3/025UIL *	3/0	95.00	0.98	0.61	0.58	0.68	
YF3/030UIL *	3/0	95.00	1.18	0.61	0.58	0.68	
YF3/032UIL *	3/0	95.00	1.26	0.61	0.58	0.68	
YF4/032UIL *	4/0	120.00	1.26	0.69	0.66	0.81	
YF4/034UIL *	4/0	120.00	1.39	0.69	0.66	0.81	
YF4/040UIL *	4/0	120.00	1.57	0.69	0.66	0.81	
YF25032UIL *	250	150.00	1.26	0.81	0.72	0.91	
YF25040UIL *	250	150.00	1.57	0.81	0.72	0.91	
YF35032UIL *	350	185.00	1.26	0.84	0.79	0.94	
YF35040UIL *	350	185.00	1.57	0.84	0.80	0.94	

* Not UL Listed

TYPE YF-I-L Series W, D, & T

Covered Ferrules

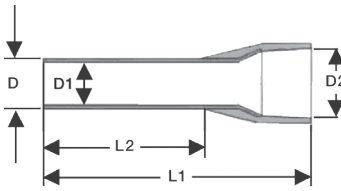


Offered in Series D, T, & W

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 similar applications. Both styles (single and twin) offer the same features and benefits.

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



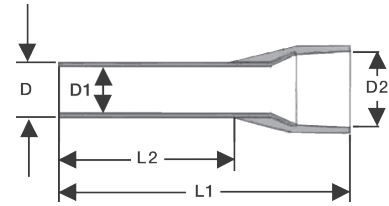
W Series	D Series	T Series	Wire Size		Dimensions in Inches					Bag Qty	Tooling
			AWG	mm ²	L1 (in)	L2 (in)	D (in)	D1 (in)	D2 (in)		
YF2406IWL Turquoise	—	YF2406ITL Pink	24	0.34	0.40	0.31	0.04	0.03	0.08	500	YF268CFSL
YF2408IWL Turquoise	—	YF2408ITL Pink	24	0.34	0.48	0.31	0.04	0.03	0.08	500	YF261CSKIT with YF2610D die
—	YF2205IDL * White	—	22	0.50	0.44	0.21	0.05	0.04	0.11	500	YF268CFSL YF261CSKIT with YF2610D die YF2210FL†
YF2206IWL Orange	YF2206IDL White	YF2206ITL White	22	0.50	0.47	0.24	0.05	0.04	0.10	500	
YF2208IWL Orange	YF2208IDL White	YF2208ITL White	22	0.50	0.55	0.32	0.05	0.04	0.11	500	
YF2210IWL Orange	YF2210IDL White	YF2210ITL White	22	0.50	0.63	0.39	0.05	0.04	0.10	500	
YF2212IWL Orange	YF2212IDL White	YF2212ITL White	22	0.50	0.47	0.24	0.05	0.04	0.10	500	
YF2006IWL White	YF2006IDL Gray	YF2006ITL Blue	20	0.75	0.47	0.24	0.06	0.05	0.11	500	
YF2008IWL White	YF2008IDL Gray	YF2008ITL Blue	20	0.75	0.56	0.31	0.06	0.05	0.12	500	
YF2010IWL White	YF2010IDL Gray	YF2010ITL Blue	20	0.75	0.63	0.39	0.06	0.05	0.11	500	
YF2012IWL White	YF2012IDL Gray	YF2012ITL Blue	20	0.75	0.71	0.47	0.06	0.05	0.11	500	
YF2018IWL White	YF2018IDL Gray	YF2018ITL Blue	20	0.75	0.96	0.71	0.06	0.05	0.11	500	
YF1806IWL Yellow	YF1806IDL Red	YF1806ITL Red	18	1.00	0.47	0.24	0.07	0.06	0.12	500	
YF1808IWL Yellow	YF1808IDL Red	YF1808ITL Red	18	1.00	0.56	0.32	0.07	0.05	0.12	500	
YF1810IWL Yellow	YF1810IDL Red	YF1810ITL Red	18	1.00	0.63	0.39	0.07	0.06	0.12	500	
YF1812IWL Yellow	YF1812IDL Red	YF1812ITL Red	18	1.00	0.71	0.47	0.07	0.06	0.12	500	
YF1818IWL Yellow	YF1818IDL Red	YF1818ITL Red	18	1.00	0.96	0.71	0.07	0.06	0.12	500	

* Not UL Listed

† Not currently UL Listed when using the YF2210FL tool.

TYPE YF-I-L Series W, D, & T

(Continued)



W Series	D Series	T Series	Wire Size		Dimensions in Inches					Bag Qty	Tooling
			AWG	mm ²	L1 (in)	L2 (in)	D (in)	D1 (in)	D2 (in)		
YF1606IWL * Red	YF1606IDL * Black	YF1606ITL * Black	16	1.50	0.48	0.24	0.08	0.07	0.14	500	YF268CFSL YF261CSKIT with YF2610D die YF2210FL†
YF1608IWL Red	YF1608IDL Black	YF1608ITL Black	16	1.50	0.55	0.32	0.08	0.07	0.14	500	
YF1610IWL Red	YF1610IDL Black	YF1610ITL Black	16	1.50	0.63	0.39	0.08	0.07	0.14	500	
YF1612IWL Red	YF1612IDL Black	YF1612ITL Black	16	1.50	0.71	0.47	0.08	0.07	0.14	500	
—	YF1615IDL Black	—	16	1.50	0.84	0.59	0.08	0.07	0.14	500	
YF1618IWL Red	YF1618IDL Black	YF1618ITL Black	16	1.50	0.95	0.71	0.08	0.07	0.14	500	
YF1408IWL Blue	YF1408IDL Blue	YF1408ITL Gray	14	2.50	0.62	0.32	0.10	0.09	0.17	500	
YF1410IWL Blue	YF1410IDL Blue	YF1410ITL Gray	14	2.50	0.69	0.39	0.09	0.09	0.17	500	
YF1412IWL Blue	YF1412IDL Blue	YF1412ITL Gray	14	2.50	0.71	0.47	0.09	0.09	0.17	500	
YF1418IWL Blue	YF1418IDL Blue	YF1418ITL Gray	14	2.50	0.95	0.71	0.09	0.09	0.17	500	
YF1209IWL * Gray	YF1209IDL * Gray	YF1209ITL * Orange	12	4.00	0.65	0.32	0.13	0.11	0.19	500	
YF1210IWL Gray	YF1210IDL Gray	YF1210ITL Orange	12	4.00	0.71	0.39	0.13	0.11	0.13	500	
YF1212IWL Gray	YF1212IDL Gray	YF1212ITL Orange	12	4.00	0.79	0.47	0.13	0.11	0.19	500	
YF1218IWL Gray	YF1218IDL Gray	YF1218ITL Orange	12	4.00	1.02	0.71	0.13	0.11	0.19	500	
YF1010IWL * Black	YF1010IDL * Yellow	YF1010ITL * Green	10	6.00	0.73	0.39	0.15	0.14	0.25	100	
YF1012IWL Black	YF1012IDL Yellow	YF1012ITL Green	10	6.00	0.82	0.47	0.15	0.14	0.23	100	
YF1018IWL Black	YF1018IDL Yellow	YF1018ITL Green	10	6.00	1.02	0.71	0.15	0.15	0.25	100	
YF0812IWL Ivory	YF0812IDL Red	YF0812ITL Brown	8	10.00	0.91	0.46	0.19	0.18	0.31	100	YF268CFSL YF261CSKIT with YF864D die
—	YF0815IDL Red	—	8	10.00	0.93	0.59	0.19	0.18	0.29	100	
YF0818IWL Ivory	YF0818IDL Red	YF0818ITL Brown	8	10.00	1.10	0.71	0.19	0.18	0.29	100	
YF0612IWL Green	YF0612IDL Blue	YF0612ITL Ivory	6	16.00	0.89	0.43	0.25	0.23	0.34	100	YF261CSKIT with YF864D die
YF0618IWL Green	YF0618IDL Blue	YF0618ITL Ivory	6	16.00	0.89	0.43	0.25	0.23	0.34	100	

* Not UL Listed

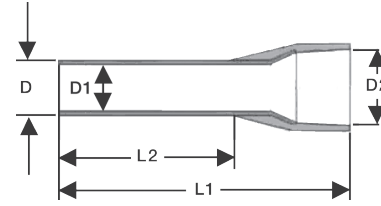
† Not currently UL Listed when using the YF2210FL tool.

Small Terminals

Covered Ferrules for Copper Conductor
Series W, D, & T

TYPE YF-I-L Series W, D, & T

(Continued)

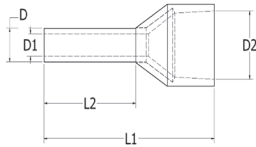


W Series	D Series	T Series	Wire Size		Dimensions in Inches					Bag Qty	Tooling
			AWG	mm ²	L1 (in)	L2 (in)	D (in)	D1 (in)	D2 (in)		
YF0412IWL *	YF0412IDL *	—	4	25.00	0.94	0.47	0.31	0.29	0.44	100	YF261CSKIT with YF864D die
YF0415IWL *	YF0415IDL *	—	4	25.00	1.06	0.59	0.30	0.29	0.44	100	
YF0416IWL	YF0416IDL	YF0416ITL	4	25.00	1.10	0.63	0.30	0.29	0.44	100	
—	YF0418IDL	—	4	25.00	1.18	0.71	0.30	0.29	0.44	100	
—	YF0422IDL	—	4	25.00	1.42	0.87	0.30	0.29	0.44	100	
—	YF0425IDL	—	4	25.00	1.45	0.98	0.30	0.29	0.44	100	
—	YF0216IDL	—	2	35.00	1.17	0.64	0.34	0.32	0.48	100	YF261CSKIT with YF21D die
YF0218IWL	YF0218IDL	YF0218ITL	2	35.00	1.26	0.71	0.34	0.33	0.50	100	
—	YF0222IDL	—	2	35.00	1.41	0.87	0.34	0.33	0.50	100	
—	YF0225IDL	—	2	35.00	1.53	0.98	0.34	0.33	0.50	100	
—	YF0112IDL *	—	1	50.00	1.10	0.47	0.43	0.41	0.59	50	YF261CSKIT with YF21D die
—	YF0116IDL *	—	1	50.00	1.26	0.63	0.43	0.41	0.59	50	
—	YF0120IDL *	—	1	50.00	1.45	0.79	0.43	0.40	0.58	50	
—	YF0122IDL *	—	1	50.00	1.50	0.87	0.43	0.41	0.59	50	
—	YF0125IDL *	—	1	50.00	1.57	0.98	0.43	0.41	0.59	50	
—	YF1/012IDL *	—	1/0	50.00	1.10	0.47	0.43	0.41	0.59	50	
—	YF1/016IDL *	—	1/0	50.00	1.26	0.63	0.43	0.41	0.59	50	
—	YF1/020IDL	—	1/0	50.00	1.45	0.79	0.43	0.40	0.58	50	
—	YF1/022IDL	—	1/0	50.00	1.50	0.87	0.43	0.41	0.59	50	
—	YF1/025IDL	—	1/0	50.00	1.57	0.98	0.43	0.41	0.59	50	
—	YF2/020IDL *	—	2/0	70.00	1.45	0.79	0.56	0.53	0.63	25	81K Series
—	YF2/025IDL *	—	2/0	70.00	1.65	0.98	0.56	0.53	0.63	25	
—	YF2/032IDL *	—	2/0	70.00	1.73	1.10	0.56	0.53	0.63	25	

* Not UL Listed

TYPE YFTW-IDL Series D

Covered 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 similar applications. Both styles (single and twin) offer the same features and benefits. RoHS compliant.

Features & Benefits

- Made of electrolytic copper, tin plated
- Smooth funnel entry to make wire insertion easier
- Secure contacting even after multiple reconnections
- No fraying or breakage of wire strands when wire is bent, under stress, or in vibration environment

Catalog Number	Wire sizes		Dimensions in Inches					Tooling	Bag Qty
	AWG	mm ²	L1 Dim (in)	L2 Dim (in)	D Dim (in)	D1 Dim (in)	D2 Dim (in)		
YFTW2208DL White	22 AWG	0.50	0.60	0.30	0.07	0.06	0.19	YF268CFSL YF261CSKIT with YF2610D die YF2210FL†	500
YFTW2008DL Gray	20 AWG	0.75	0.60	0.31	0.08	0.07	0.20		
YFTW2010DL Gray	20 AWG	0.75	0.66	0.39	0.08	0.07	0.22		
YFTW1808DL Red	18 AWG	1.00	0.62	0.31	0.09	0.08	0.22		
YFTW1810DL Red	18 AWG	1.00	0.67	0.39	0.09	0.08	0.22		
YFTW1608DL Black	16 AWG	1.50	0.65	0.31	0.10	0.09	0.26		
YFTW1612DL Black	16 AWG	1.50	0.77	0.47	0.10	0.09	0.25		
YFTW1410DL Blue	14 AWG	2.50	0.77	0.39	0.13	0.11	0.31		
YFTW1413DL Blue	14 AWG	2.50	0.85	0.51	0.13	0.11	0.32		
YFTW1212DL Gray	12 AWG	4.00	0.92	0.46	0.17	0.15	0.36		
YFTW1014DL Yellow	10 AWG	6.00	0.99	0.53	0.21	0.19	0.41	YF261CSKIT with YF2610D die YF2210FL†	100
YFTW0814DL Red	8 AWG	10.00	1.04	0.55	0.27	0.25	0.51	YF261CSKIT with YF864D die	
YFTW0614DL Blue	6 AWG	16.00	1.23	0.55	0.34	0.33	0.75		

† Not currently UL Listed when using the YF2210FL tool.

Small Terminal Kits

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 of 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 case
- 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
	TP1410	20	#16 - #14 AWG ring terminal; 8 - 10 stud size; vinyl insulation
	TP1410F	20	#16 - #14 AWG fork terminal; 8 - 10 stud size; vinyl insulation
	SP10	10	#12 - #10 AWG splice; vinyl insulation
	TP1010	20	#12 - #10 AWG ring terminal; 8 - 10 stud size; vinyl insulation
	TP1010F	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

Small Terminal Kits

(Continued)

Packaged Kits of Terminals with Installation Tool

Small terminal kits are packaged in durable, dual-latched metal cases with secure compartments for each connector. Inside label clearly identifies the part number and description of the connector associated with each compartment. The kits contain some of the most common terminals needed for everyday installation.

Features & Benefits

- Terminals include rings, forks, splices, quick disconnects, and pin styles
- Color-coded barrels
- Reusable, refillable case
- Kit available with MRE1022NV full cycle ratchet installation tool



STKIT1602MRE1022NV

STKIT1602MRE1022NV KIT CONTENTS				
Catalog Number	Qty	Description	Wire Size	Stud Size
MRE1022NV	1	Mechanical Full Cycle Ratchet Tool	—	—
PTV18	100	Vinyl Pin Terminal	22 - 18 AWG	—
PTV14	100	Vinyl Pin Terminal	16 - 14 AWG	—
PTV10	100	Vinyl Pin Terminal	12 - 10 AWG	—
QP14M25X03D	100	Vinyl Male Disconnect	16 - 14 AWG	—
QP14F25X03D	100	Vinyl Female Disconnect	16 - 14 AWG	—
QP10M25X03D	100	Vinyl Male Disconnect	12 - 10 AWG	—
QP10F25X03D	50	Vinyl Female Disconnect	12 - 10 AWG	—
TP1610	100	Vinyl Ring Tongue	22 - 16 AWG	#10
TP1410	100	Vinyl Ring Tongue	16 - 14 AWG	#10
TP1010	50	Vinyl Ring Tongue	12 - 10 AWG	#10
TP166LF	100	Vinyl Locking Fork	22 - 16 AWG	#6
TP148LF	100	Vinyl Locking Fork	16 - 14 AWG	#8
TP1010LF	50	Vinyl Locking Fork	12 - 10 AWG	#10
SP16	100	Vinyl Splice	22 - 16 AWG	—
SP14	50	Vinyl Splice	16 - 14 AWG	—
SP10	40	Vinyl Splice	12 - 10 AWG	—

TYPE HSKIT

Packaged Kit of Heat Shrink Connectors with Installation Tool



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

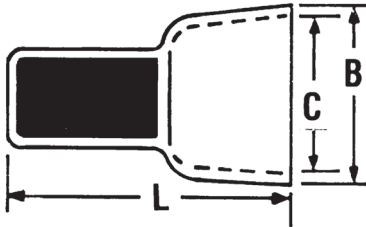
Quantity of Pieces included in kit	Description	Conductor Size	Stud Size	Quantity of Pieces included in kit	Description	Conductor Size	Stud Size
50	Butt Splice	22 - 18 AWG	—	10	Fork Terminal	22 - 18 AWG	#6
50	Butt Splice	16 - 14 AWG	—	10	Fork Terminal	22 - 18 AWG	#8
30	Butt Splice	12 - 10 AWG	—	10	Fork 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				

TYPES YQE / RK

Rated 600 Volts (Building Wire) and 1000 Volts (Fixtures/Signs)

Pigtail Splice, Nylon Insulated

The BURCAP is a nylon insulated pigtail splice 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		
YQE91†	1 # 16 & 1 # 18,								4205	0.76	0.30	0.24	N150WT	5/16"
	2# 18								3250					
*RK1412	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						
*RK1422	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

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