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Most frequently ordered catalog numbers are highlighted in BLUE

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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

Wire Size	Performance Requirements — Terminals for Copper Wire				
	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.

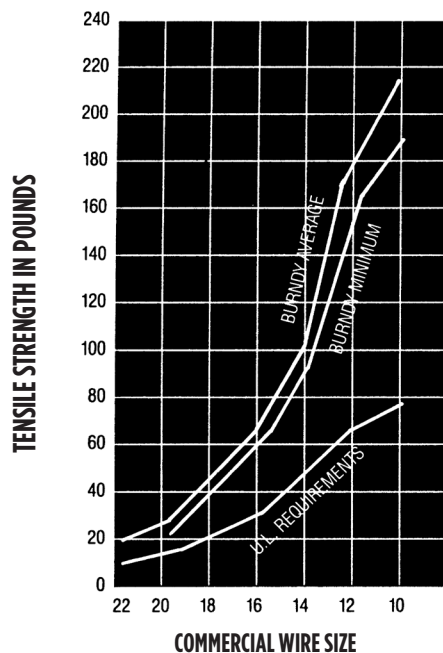
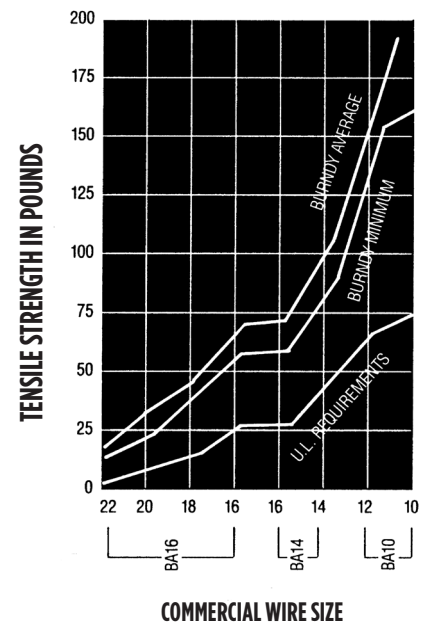


Fig. 2. Tensile strength of BA VINYLUG™ after axial rotation stresses.



General Information

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

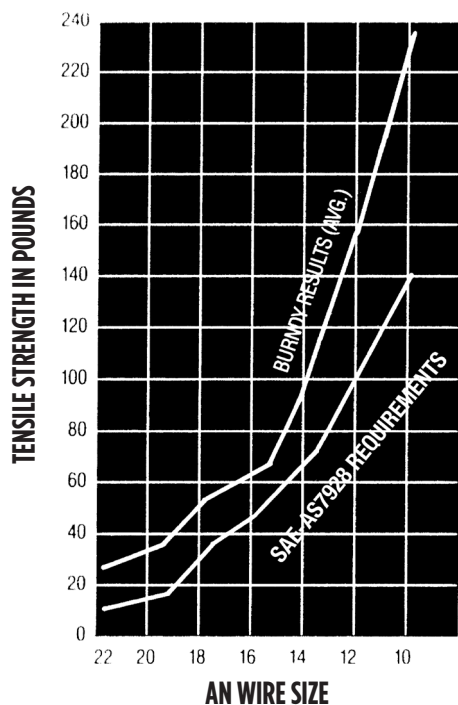


Fig. 5. Voltage drops of YAES at currents per Table 1 after vibration.

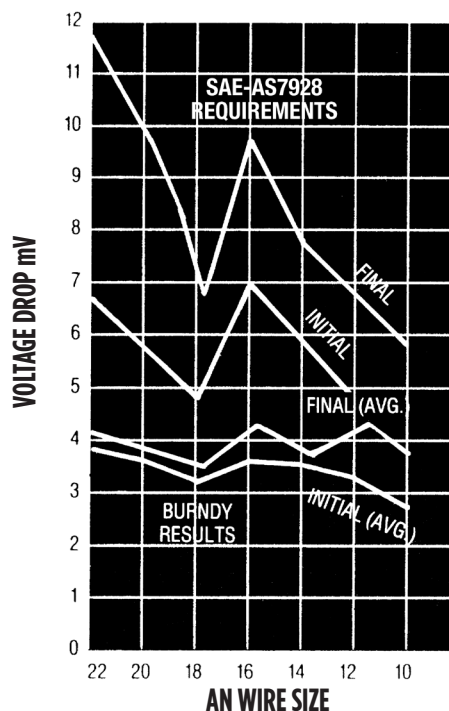
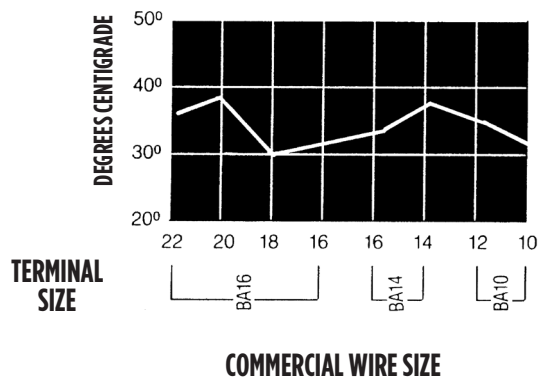


Fig. 4. Temperature rise of BA VINYLUG™ at currents per Table 1.



Military Specifications Equivalents: SAE AS25036 and SAE AS20659

EQUIVALENT TABLES - MILITARY SPECIFICATIONS

Terminals

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

Terminals

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

AS25036 Dash No.	Catalog Number	Class 1	Class 2	AS25036 Dash No.	Catalog Number	Class 1	Class 2	AS20659 Dash No.	Catalog Number	Class 1	Class 2	AS20659 Dash No.	Catalog Number	Class 1	Class 2
101	YAES18N1	X	X	124	YAEV4CL4	X	X	105	YAV10	X	X	134	YAV1CL3	X	X
	YAE18G43		X	125	YAEV4CL2	X	X	106	YAV10T2	X	X	135	YAV25L3	X	X
102	YAES18N2	X	X	126	YAEV2CL1	X	X	107	YAV8CL	X	X	136	YAV26L3	X	X
	YAE18N21		X	127	YAEV2CL	X	X	108	YAV8CL2	X	X	137	YAV28L54	X	X
103	YAES18N3	X	X	128	YAEV2CL4	X	X	109	YAV6CL	X	X	140	YAV8CL14	X	X
	YAE18N		X	129	YAEV1CL1	X	X	110	YAV6CL2	X	X	141	YAV8CL1	X	X
104	YAES18N4	X	X	130	YAEV1CL	X	X	111	YAV4CL	X	X	142	YAV8CL4	X	X
	YAE18N3		X	131	YAEV1CL3	X	X	112	YAV4CL2	X	X	143	YAV6CL10	X	X
105	YAES18N5	X	X	132	YAEV25L1	X	X	113	YAV2CL1	X	X	144	YAV4CL3	X	X
				133	YAEV25L	X	X	114	YAV2CL	X	X	145	YAV4CL5	X	X
106	YAES14N6	X	X	134	YAEV25L3	X	X	115	YAV1CL1	X	X	146	YAV2CL3	X	X
	YAE14N43		X	135	YAEV26L2	X	X	116	YAV1CL	X	X	147	YAV2CL2	X	X
107	YAES14N7	X	X	136	YAEV26L	X	X	117	YAV25L1	X	X	148	YAV2CL11	X	X
	YAE14N43		X												
108	YAES14N8	X	X	137	YAEV26L3	X	X	118	YAV25L	X	X	149	YAV1CL2	X	X
	YAE14N		X	143	YAE22G18		X	119	YAV26L2	X	X	150	YAV1CL4	X	X
109	YAES14N9	X	X	144	YAE22G16		X	120	YAV26L	X	X	151	YAV25L2	X	X
	YAE14N3		X	145	YAE22G13		X	121	YAV27L	X	X	152	YAV25L16	X	X
110	YAES14N10	X	X	146	YAE22G14		X	122	YAV27L1	X	X	153	YAV26L1	X	X
	YAE14N4		X	147	YAE22G15		X	123	YAV28L	X	X	154	YAV26L16	X	X
111	YAES10N11	X	X	148	YAES18N48	X	X	124	YAV28L12	X	X	155	YAV27L20	X	X
	YAE10N5		X		YAE18N17		X	128	YAV10T4	X	X	156	YAV27L18	X	X
112	YAES10N12	X	X	149	YAES18N49	X	X	129	YAV8CL3	X	X	157	YAV28L56	X	X
	YAE10N		X		YAE18N1		X	130	YAV6CL1	X	X	158	YAV28L60	X	X
113	YAES10N13	X	X	150	YAES18N50	X	X	131	YAV6CL4	X	X	159	YAV28L13	X	X
	YAE10N2		X		YAE18N		X	132	YAV4CL4	X	X	160	YAV28L14	X	X
114	YAES10N14	X	X	152	YAES14N52	X	X	133	YAV2CL4	X	X	165	YAV10T7	X	X
	YAE10N4		X	153	YAES14N53	X	X								
115	YAEV8CL	X	X		YAE14N1		X								
116	YAEV8CL1	X	X	154	YAES14N54	X	X								
117	YAEV8CL2	X	X		YAE14N2		X								
118	YAEV8CL3	X	X	155	YAES14N55	X	X								
119	YAEV6CL1M	X	X	156	YAES10N56	X	X								
120	YAEV6CLM	X	X		YAE10N11		X								
121	YAEV6CL4M	X	X	157	YAES10N57	X	X								
122	YAEV6CL2M	X	X		YAE10N3		X								
123	YAEV4CL	X	X	158	YAES10N58	X	X								

Main Office Cage Code Number: 1NJK8

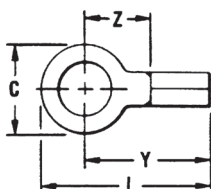
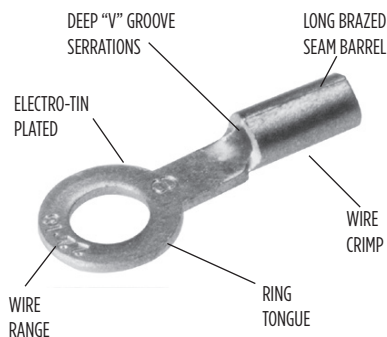
Notes:

For factory cage code numbers, please contact your local BURNDY® sales representative or the Headquarters at the phone number shown on cover, or go to website below for contact information.

SAE stands for the Society of Automotive Engineering, which has replaced the Military Specifications.

Uninsulated Compression Ring Tongue

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

NOTES:

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

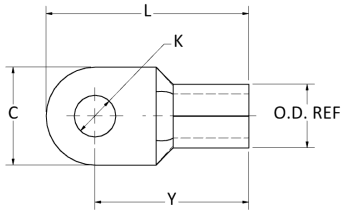
Mylar-mounted connectors may be available, please see the mylar-mounted catalog pages at the end of this section for more information.

Catalog Number	Wire Range AWG, AN, Aircraft	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Die Index	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	Non-Ratchet: Y10D Ratchet: MRE10Z2B, MR8G98, Y8MRB1, MR20	B1, B4, B5, B10, B11, B12, B14	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		B1, B5, B8, B10, B11, B12, B15	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			11/32"
T106	12 AWG- 10 AWG	#4 - #6	0.37	0.83	0.64	0.29	YAD106	B1, B5, B16, B20, B21, B22	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.

Uninsulated Compression Terminal

TYPE YAD HYLUG™



NOTES:

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

Mylar-mounted connectors may be available, please see the mylar-mounted catalog pages at the end of this section for more information.

The YAD uninsulated OEM lug terminal is constructed of electrolytic copper. Designed with a brazed seam barrel, standard neck, V-groove inner serrations and electro-tin plated. The round ring tongue provides 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

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		
YAD8CM4E8	8 AWG [6-10]	#8	0.40	0.17	0.83	0.26	0.04	0.63	YIMRTC 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	YIMRTC 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					

Uninsulated Compression Terminal

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	81K Series 4PC Series	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	81K Series 4PC Series	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	81K Series 4PC Series	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	81K Series 4PC Series	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	81K Series 4PC Series	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	81K Series 4PC Series	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	81K Series 4PC Series	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					

Polyvinylchloride Insulated Compression Ring Tongue Terminal

TYPES TP AND BA VINYLUG™

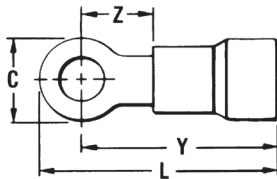
600 Volts Max., 105° C Max.



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

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



NOTES:

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

Mylar-mounted connectors may be available, please see the mylar-mounted catalog pages at the end of this section for more information.

Catalog Number	Wire Range (AWG/kcmil)	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Die Index	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: Y10D or Ratchet Tool: MR8891, MR8G96, MR15 MRE1022NV	V1, V4, V5, V6, N3, N10, N12, N24	13/64"
TP166		#6	0.25	0.74	0.62	0.18	BA16E6			
TP168		#6 - #8	0.31	0.85	0.70	0.26	BA16E8			
TP1610		#8 - #10	0.31	0.85	0.70	0.26	BA16E10			
TP1614		1/4	0.40	0.99	0.79	0.36	BA16E14			
TP16516*		5/16	0.47	1.11	0.88	0.41	—			
TP1638		3/8	0.53	1.15	0.88	0.45	BA16E38			
TP144	16-14 Max. Insul. Dia. Accom.: .180 Color Code: Blue	#4	0.22	0.11	0.61	0.17	BA14E4	Plier Type: Y10D or Ratchet Tool: MR8891, MR8G96, MR15 MRE1022NV	V2, V7, N3, N21, N24, N33	13/64"
TP146		#6	0.25	0.74	0.62	0.18	BA14E6			
TP148		#6 - #8	0.31	0.85	0.70	0.26	BA14E8			
TP1410		#8 - #10	0.31	0.85	0.70	0.26	BA14E10			
TP1414		1/4	0.40	0.99	0.79	0.36	BA14E14			
TP14516		5/16	0.53	1.15	0.88	0.45	BA14E516			
TP1438		3/8	0.53	1.15	0.88	0.45	BA14E38			
TP106	12-10 Max. Insul. Dia. Accom.: .260 Color Code: Yellow	#6	0.31	0.68	0.75	0.20	BA10E6	Plier Type: Y10D or Ratchet: MR8891, MR15, M8ND w/N10HET23 MRE1022NV	V3, V8, V9, N24, N27, N34, N38	19/64"
TP108		#6 - #8	0.36	1.00	0.81	0.26	BA10E8			
TP1010		#8 - #10	0.36	1.00	0.81	0.26	BA10E10			
TP1014		1/4	0.53	1.22	0.95	0.40	BA10E14			
TP10516		5/16	0.53	1.22	0.95	0.42	BA10E516			
TP1038		3/8	0.53	1.27	1.00	0.45	BA10E38			
TP1012*		1/2	0.69	1.51	1.17	0.61	—			

* Not UL Listed or CSA Certified.

Nylon Insulated Compression Ring Tongue

TYPES TN AND YAES INSULUG™



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.

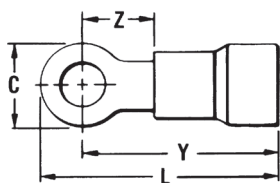
Features & Benefits

- 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

NOTES:

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

Mylar-mounted connectors may be available, please see the mylar-mounted catalog pages at the end of this section for more information.



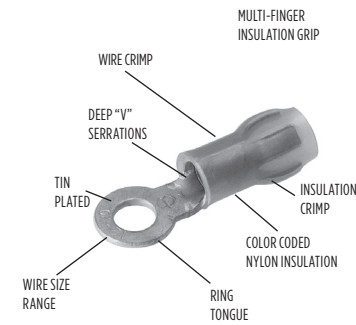
Catalog Number	Wire Range (AWG/kcmil)	Stud Size	SAE-25036	Dimensions				Bulk Catalog Number	Installation Tooling	Die Index	Wire Strip Length
				C	L Max.	Y Max.	Z Max.				
TN184	22-18 Max. Insul. Dia. Accom.: .120 Color Code: Red	#3 - #4	-148	0.23	0.76	0.64	0.20	YAES18N48	Ratchet: MR883 ♦ MRE1022NV Non-Ratchet: Y10D	N3, N7, N10, N11, N17, N18, N19, N24	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	N3, N21, N24, N25, N26, N30, N31, N32, N33, N34	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	N24, N27, N34, N36, N37, N38, N43, N45	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.

Nylon Insulated Compression Ring Tongue, Multi-Finger Insulation Grip

TYPE YAE-G INSULUG™

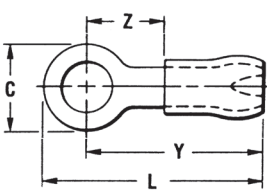


300 Volts Max., 105° C Max.

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



NOTES:

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

Mylar-mounted connectors may be available, please see the mylar-mounted catalog pages at the end of this section for more information.

Catalog Number	Wire Range (AWG/kcmil)	Stud Size	** SAE-AS25036-	Dimensions				Bulk Catalog Number	Installation Tooling	Die Index	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	N2, N8, N13	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			
YAE22G13BOX		#4 - #6	145	0.25	0.74	0.62	0.22	YAE22G13			
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

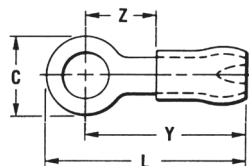
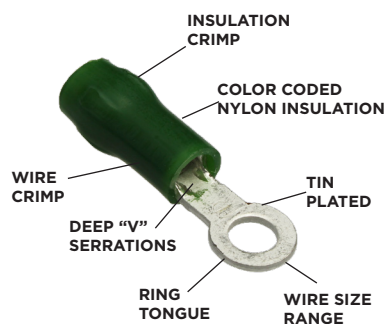
** Class 2

† Only with #22-#20 AWG wire

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

Nylon Insulated Compression Ring Tongue, Multi-Finger Insulation Grip

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

NOTES:

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

Mylar-mounted connectors may be available, please see the mylar-mounted catalog pages at the end of this section for more information.

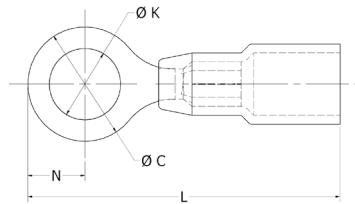
Catalog Number	Wire Range	Stud Size	***SAE-AS25036	Dimensions				Bulk Catalog Number	Installation Tooling	Die Index	Wire Strip Length	
				C	L Max.	Y Max.	Z Min.					
YAE18N26BOX	22 - 16	#4	—	0.22	0.78	0.70	0.19	YAE18N26	MR81A, MR833T1, MRE1022NV (no extra dies required) M8ND with one of the following dies: N14HET25V1, N10ET9, N14HET15, N10ET23♦ or Y10D	N2, N3, N7, N9, N10, N14, N16, N22, N23, N24	3/16"	
YAE18N21BOX		#4-#6	102	0.25	0.89	0.77	0.28					YAE18N21
YAE18N1BOX		#8	149	0.31	0.92	0.79	0.28					YAE18N1
YAE18N24BOX		#6-#8	—	0.28	0.90	0.77	0.28					YAE18N24
YAE18NBOX		#8-#10	103 150	0.31	0.92	0.77	0.28					YAE18N
YAE18N2BOX		1/4	—	0.45	1.10	0.88	0.40					YAE18N2
YAE18N3BOX		5/16	104	0.45	1.11	0.88	0.40					YAE18N3
YAE18N15BOX		3/8	—	0.53	1.19	0.93	0.43					YAE18N15
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	N3, N5, N9, N21, N22, N23, N24, N30, N31	3/16"	
YAE14N1BOX		#6-#8	153	0.31	0.92	0.75	0.28					YAE14N1
YAE14NBOX		#8-#10	108	0.31	0.92	0.75	0.28					YAE14N
YAE14N2BOX		1/4	154	0.45	1.11	0.88	0.40					YAE14N2
YAE14N3BOX		5/16	109	0.45	1.11	0.88	0.40					YAE14N3
YAE14N4BOX		3/8	110	0.53	1.19	0.93	0.45					YAE14N4
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	N6, N24, N30, N31, N38, N40	21/64"	
YAE12N1BOX		#6-#8	—	0.31	1.06	0.90	0.29					YAE12N1
YAE12N2BOX		1/4	—	0.45	1.25	1.02	0.40					YAE12N2
YAE12N7BOX		#5	—	0.31	1.06	0.90	0.29					YAE12N7
YAE12NBOX		#8-#10	—	0.31	1.06	0.90	0.29					YAE12N
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	N23, N24, N27, N38, N39, N43, N44	3/8"	
YAE10N11BOX		#6-#8	156	0.38	1.17	0.98	0.30					YAE10N11
YAE10NBOX		#8-#10	112	0.38	1.15	0.96	0.28					YAE10N
YAE10N3BOX		1/4	157	0.54	1.39	1.12	0.44					YAE10N3
YAE10N2BOX		5/16	113	0.54	1.39	1.12	0.44					YAE10N2
YAE10N4BOX		3/8	114	0.54	1.39	1.12	0.44					YAE10N4
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

Heat Shrink Insulated Compression Ring Terminals

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

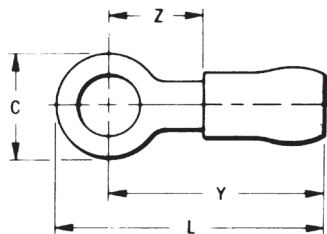
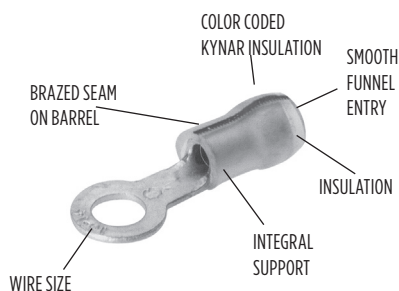
NOTE:

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

Radiation Resistant Insulated Compression Ring Terminals

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 Pennwalt 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

Radiation Resistant Insulated Compression Ring Terminals

TYPE YAES-K (Continued)

NOTE:

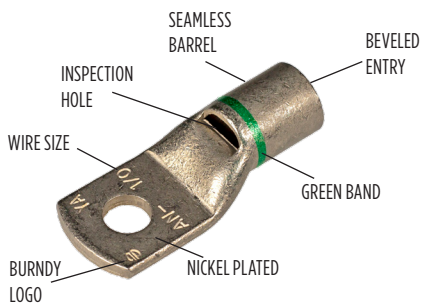
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Catalog Number	Stud Size	Conductor Size	Dimensions				Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Max.		
YAES18K1	#6	22-18 AWG str. Max. Insul. Dia. Accom.: 0.12 Color Code: Red	0.23	0.76	0.64	0.20	Ratchet Tool: MR10G6 Crimp Mark: (1) 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		

Nickel Plated, SAE AS20659 Green Banded Ring Tongue Terminals

TYPE YAV HYLUG™



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.

NOTE:

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



Features & Benefits

- 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

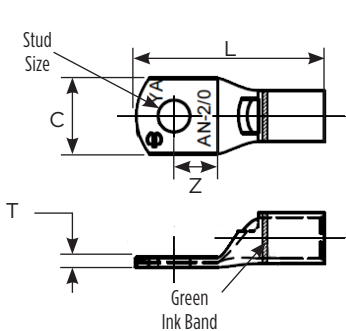


Figure 1
(straight)

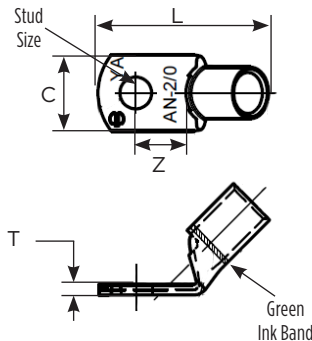


Figure 2
(45°)

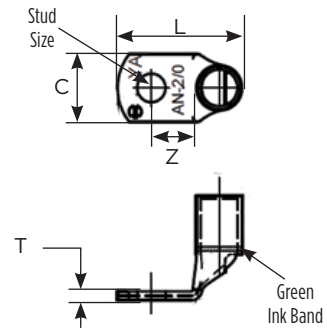


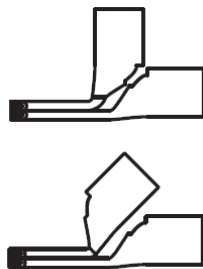
Figure 3
(90°)

Note:

Bottom Stack Options

(see Config "A", "B", or "C" bottom lug)

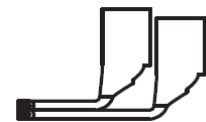
may be available, please contact technical service.



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



Config B
(45/45)



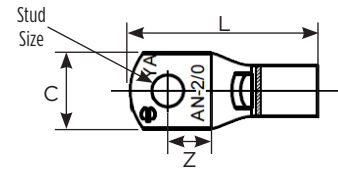
Config C
(90/90)

Nickel Plated, SAE AS20659 Green Banded Ring Tongue Terminals

TYPE YAV (Continued)

NOTE:

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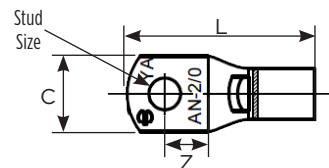
Catalog Number	SAE-AS20659	Copper Conductor		Fig. #	Stud Size	Dimensions				Installation Tooling (# crimps)					Wire Strip Length
		Code AWG	Aircraft Cable			C	L	T	Z	Die Index	Die Type	Y29 Series	35, 750 Series	Dieless Tools	
YAV10265	265	10-12	AN 12-10	1	#6	0.30	0.83	0.07	0.24	-	-	-	-	MR89Q (1)	7/16"
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											

Nickel Plated, SAE AS20659 Green Banded Ring Tongue Terminals

TYPE YAV (Continued)

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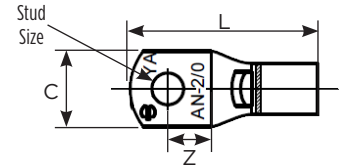
Catalog Number	SAE-AS20659	Copper Conductor		Fig. #	Stud Size	Dimensions				Installation Tooling (# crimps)					Wire Strip Length
		Code AWG	Aircraft Cable			C	L	T	Z	Die Index	Die Type	Y29 Series	35, 750 Series	Dieless Tools	
YAV6CL210	210	6	AN 6	1	3/8	0.60	1.37	0.06	0.36	39	Nest Indentor	DV6L Y29PL	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											

Nickel Plated, SAE AS20659 Green Banded Ring Tongue Terminals

TYPE YAV (Continued)

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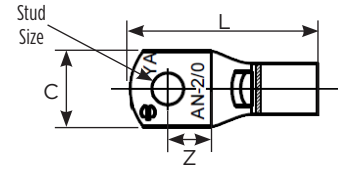
Catalog Number	SAE-AS20659	Copper Conductor		Fig. #	Stud Size	Dimensions				Installation Tooling (# crimps)					Wire Strip Length
		Code AWG	Aircraft Cable			C	L	T	Z	Die Index	Die Type	Y29 Series	35, 750 Series	Dieless Tools	
YAV1CL216	216	1	AN 1	1	3/8	0.76	1.78	0.12	0.38	42	Nest Indentor	DVIL Y29PL	UVIL Y34PLA	MY28, MY2911 (I)	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	DVIL Y29PL	UVIL Y34PLA	MY28, MY2911 (I)	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	DVIL Y29PL	UVIL Y34PLA	MY28, MY2911 (I)	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 (I)	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 (I)	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 (I)	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 (I)	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 (I)	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 (I)	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 (I)	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 (I)	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 (I)	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 (I)	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 (I)	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 (I)	13/16"
YAV27L22145	—			2			2.37								
YAV27L22190	—			3			1.50								

Nickel Plated, SAE AS20659 Green Banded Ring Tongue Terminals

TYPE YAV (Continued)

NOTE:

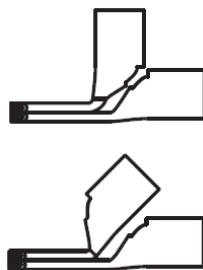
Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



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	
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)



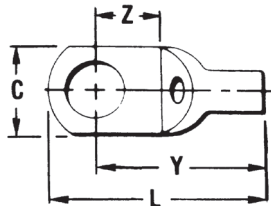
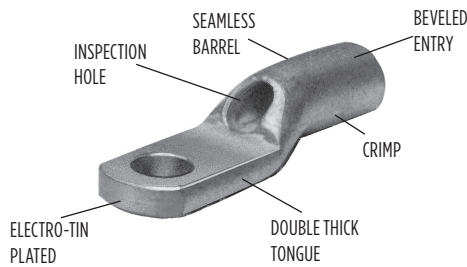
Config B
(45/45)



Config C
(90/90)

Seamless Uninsulated Compression Heavy Duty Ring Tongue

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

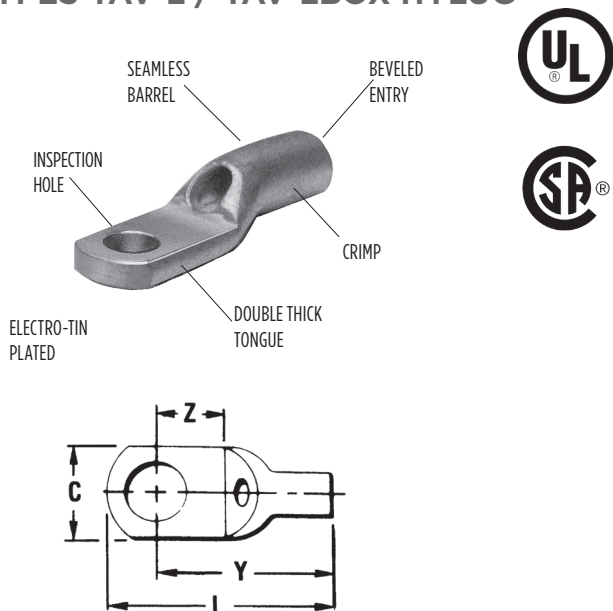
- Manufactured from seamless pure electrolytic copper tubing to provide maximum conductivity, low resistance and excellent ductility for crimping
- Seamless tubular crimp barrel design — No seams to split resulting in a very high quality electrical connection, also can be used on solid conductor
- Double 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 bevelled 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	Die Index	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 YAV18L33 YAV18T5 YAV18T1 YAV18	Non-Ratchet: Y10D Ratchet: MR8G98, MR89Q, Y8MRB1, MR20, MRE1022B	B1, B3, B4, B5, B10, B11, B14	9/32"
YAV18L33BOX		4-6	—	0.25	0.63	0.55	0.18				
YAV18T5BOX		6-8	—	0.31	0.76	0.61	0.24				
YAV18T1BOX		8-10	—	0.31	0.76	0.61	0.24				
YAV18BOX		8-10	—	0.31	0.76	0.61	0.24				
YAV14L33BOX	20-14 Str.	4-6	—	0.25	0.67	0.59	0.18	YAV14L33 YAV14T5 YAV14T1 YAV14L36	Non-Ratchet: Y10D Ratchet: MR8G98, MR89Q, Y8MRB1, MR20, MRE1022B	B1, B5, B8, B9, B10, B11, B15	9/32"
YAV14T5BOX		6-8	—	0.31	0.79	0.64	0.24				
YAV14T1BOX		8-10	—	0.29	0.70	0.59	0.18				
YAV14L36BOX	20-12 Sol.	8-10	—	0.29	0.79	0.64	0.24	YAV14 YAV14T2 YAV14T3	Y8MRB1, MR20, MRE1022B	B1, B5, B16, B18, B20, B21	7/16"
YAV14BOX		1/4	—	0.40	0.99	0.75	0.32				
YAV14T2BOX		5/16	—	0.44	0.99	0.75	0.32				
YAV14T3BOX	+14-12 Str.	8-10	—	0.30	0.78	0.67	0.24	YAV12G2 YAV12G3	Y10D, Y8MRB1, M8ND w/N14HT	B1, B13, B15	9/32"
YAV12G2BOX		1/4	—	0.34	1.00	0.76	0.33				
YAV12G3BOX	14 Str. 12-10	4-6	165	0.28	0.93	0.78	0.24	YAV10T7* YAV10T11 YAV10L36 YAV10* YAV10T3 YAV10T2* YAV10T4*	Non-Ratchet: Y10D Ratchet: MR8G98, MR89Q, Y8MRB1, MR20, N10HT, N10HT24, MRE1022B	B1, B5, B16, B18, B20, B21	7/16"
YAV10T7BOX		6-8	—	0.38	0.93	0.79	0.26				
YAV10T11BOX		8-10	—	0.29	0.86	0.71	0.23				
YAV10L36BOX		105	0.36	0.97	0.79	0.25	0.25				
YAV10BOX		1/4	—	0.45	1.10	0.87	0.32				
YAV10T3BOX		5/16	106	0.53	1.13	0.87	0.31				
YAV10T2BOX		3/8	128	0.53	1.20	0.88	0.36				
YAV10T4BOX	10-9 Str.	8-10	—	0.31	0.94	0.83	0.15	YAV9CL36 YAV9CT9 YAV9CT4	Ratchet: MR89Q, Y8MRB1	B19, B20	7/16"
YAV9CL36BOX		1/4	—	0.44	1.15	0.95	0.31				
YAV9CT9BOX		5/16	—	0.52	1.23	1.02	0.36				
YAV9CT4BOX											

■ Use #14 groove
 † UL Listed for 14 Str. & 10 Sol. & Str. when installed with MR8G98 and Y8MRB1 tools only.
 * Class 1 & 2 connectors
 ◆ QPL Class II when installed with MR89Q tool

#8-4/0 Str. Copper Uninsulated Seamless Compression Ring Tongue

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

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

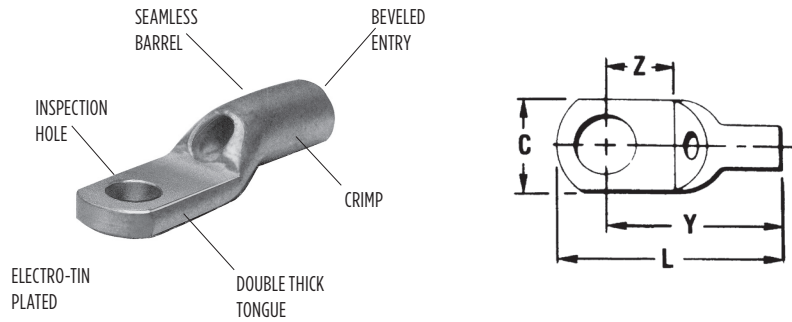
◆ QPL Class II tooling

#8-4/0 Str. Copper Uninsulated Seamless Compression Ring Tongue

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				Wire Strip Length
				C	L Max.	Y Max.	Z Max.		HYTOOL™	Die Index	HYPRESS™		
											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	Non-Ratchet: MY28, MY2911	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	Non-Ratchet: MY28, MY2911	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	Non-Ratchet: MY28, MY2911	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	Non-Ratchet: MY28, MY2911	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 I.

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

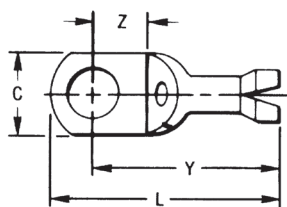
▲ Use Y35P3 Indentor Adapter with 35 Series tools

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

Seamless Uninsulated Compression Ring Tongue with Shroud

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	Die Index	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 Ratchet: MR8G98, MR89Q, Y8MRB1*, MR20*, M8ND, MRE1022B*	M8ND, with N14HT, N14HT5 Die	B1, B2, B3, B4, B5, B6, B10, B11, B14	9/32"
YAV14H1BOX	16-14	6 - 8	0.150"	0.31	0.92	0.80	0.24	YAV14H1			B1, B5, B7, B8, B9, B10, B11, B13, B15	9/32"
YAV14HBOX	20-14	8 - 10	0.150"	0.31	0.95	0.80	0.24	YAV14H		9/32"		
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	M8ND, N10HT24	B1, B5, B16, B17, B18, B20, B21	7/16"	
YAV10HBOX		8 - 10		0.38	1.05	0.91	0.24	YAV10H				
YAV10H3BOX		1/4		0.47	1.22	0.99	0.32	YAV10H3				

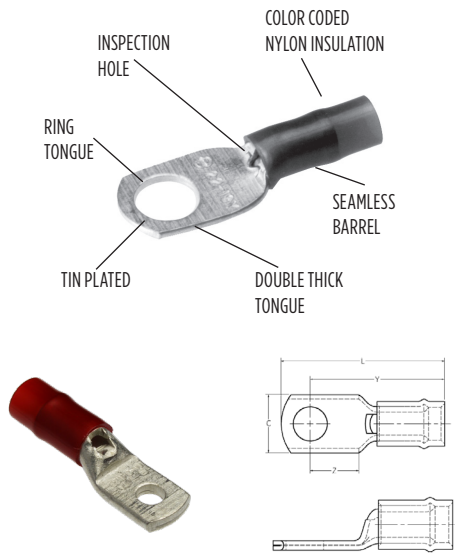
* For conductor crimp only.

Nylon Insulated Compression Ring Tongue

TYPES YAEV / YAEV-L INSULUG™

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

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.

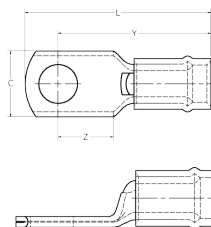
Catalog Number	Wire Range AWG, AN Aircraft	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Die Index	Wire Strip Length
			C	Z Min.	Y Max.	L Max.				
YAEV18BOX	22-18 Max. Insul. Dia. Accom.: .125 Color Code: Red	8-10	0.31	0.24	0.77	0.91	YAEV18	Ratchet: MR8D94, MRE1022NV	N10, N13	1/4"
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	N21, N30, N31	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	N29, N35, N38, N39, N43	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			

Nylon Insulated Compression Ring Tongue

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.



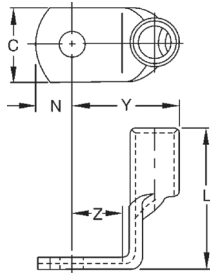
Catalog Number	Wire Range AWG, AN Aircraft	Stud Size	AS25036- No.	Dimensions				Bulk Catalog Number	Installation Tooling	HYPRESS™ Y29 Series		Wire Strip Length
				C	Z Min.	Y Max.	L Max.			Nest	Indentor	
YAEV8CL14BOX	8 Str. Max. Insul. Dia. Accom.: .258 Color Code: Red	8	—	0.41	0.28	1.18	1.40	YAEV8CL14 YAEV8CL1 YAEV8CL2 YAEV8CL3 YAEV8CL4 YAEV8CL	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					
YAEV8CL2BOX		5/16	-117	0.57	0.34	1.25	1.54					
YAEV8CL3BOX		3/8	-118	0.57	0.34	1.25	1.54					
YAEV8CL4BOX		1/2	—	0.73	0.48	1.39	1.77					
YAEV8CLBOX		10	-115	0.41	0.28	1.18	1.40					
YAEV6CL1BOX	6 Str. Max. Insul. Dia. Accom.: .313 Color Code: Blue	8-10	-119**	0.48	0.29	1.33	1.56	YAEV6CL1** YAEV6CL** YAEV6CL4** YAEV6CL2** YAEV6CL10	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					
YAEV6CL4BOX		5/16	-121**	0.60	0.36	1.39	1.68					
—		3/8	-122**	0.60	0.36	1.39	1.68					
YAEV6CL10BOX		1/2	—	0.73	0.47	1.53	1.91					
YAEV4CL3BOX	4 Str. Max. Insul. Dia. Accom.: .374 Color Code: Yellow	8-10	—	0.55	0.28	1.40	1.62	YAEV4CL3 YAEV4CL YAEV4CL4 YAEV4CL2 YAEV4CL5	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					
YAEV4CL4BOX		5/16	-124	0.63	0.34	1.43	1.74					
—		3/8	-125	0.63	0.34	1.43	1.74					
—		1/2	—	0.73	0.47	1.56	1.92					
YAEV2CL3BOX	2 Str. Max. Insul. Dia. Accom.: .459 Color Code: Red	10	—	0.69	0.35	1.72	2.03	YAEV2CL3 YAEV2CL1 YAEV2CL2 YAEV2CL YAEV2CL4	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					
YAEV2CL2BOX		5/16	—	0.69	0.35	1.68	2.03					
YAEV2CLBOX		3/8	-127	0.69	0.35	1.69	2.03					
—		1/2	-128	0.77	0.47	1.80	2.16					
—	1 Str. Max. Insul. Dia. Accom.: .516 Color Code: White	1/4	-129	0.76	0.38	1.63	2.14	YAEV1CL1 YAEV1CL2 YAEV1CL YAEV1CL3	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					
YAEV1CLBOX		3/8	-130	0.76	0.38	1.72	2.14					
—		1/2	-131	0.86	0.47	1.86	2.27					
—	1/0 Str. Max. Insul. Dia. Accom.: .564 Color Code: Blue	1/4	-132	0.83	0.43	1.97	2.40	YAEV25L1 YAEV25L2 YAEV25L YAEV25L3 YAEV25L4	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					
—		3/8	-133	0.83	0.43	1.97	2.40					
—		1/2	-134	0.88	0.47	2.02	2.46					
—		5/8	—	0.88	0.63	2.17	2.67					
—	2/0 Str. Max. Insul. Dia. Accom.: .628 Color Code: Yellow	1/4	—	0.93	0.49	2.19	2.72	YAEV26L1 YAEV26L2 YAEV26L YAEV26L3	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					
YAEV26LBOX		3/8	-136	0.93	0.49	2.19	2.72					
YAEV26L3BOX		1/2	-137	0.93	0.49	2.27	2.72					

† Additional terminal stud sizes available.

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

Heavy Duty Right Angle Compression Terminals

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	Die Index	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	B1, B3, B4, B5, B10, B11, B14	1/4
YAV14RL33	20-14	4-6	0.25	0.37	0.45	0.21	0.12		B1, B5, B8, B9, B10, B11, B15	
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		B1, B5, B16, B18, B21	5/16

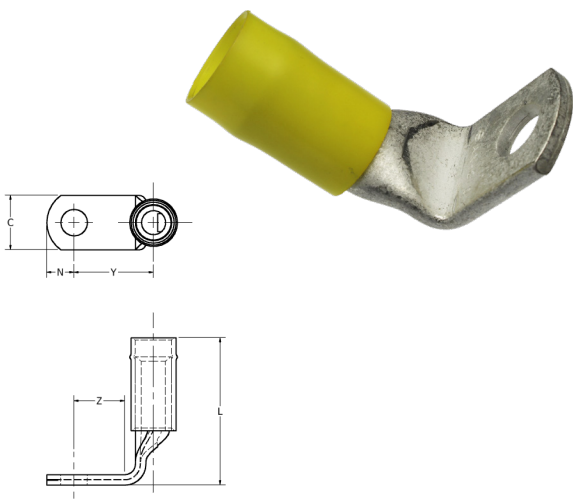
Catalog Number	Wire Range AWG, AN, Aircraft	Stud Size	Dimensions in Inches					Installation Tooling		Wire Strip Length	Tool ▲ Number	
			C	L Max.	Y Max.	Z Min.	N	Aircraft	HYPRESS™ Y29 Series			
									Nest			Indenter
YAV8CRS	8	8-10	0.41	0.95	0.62	0.25	0.20	MY28 MY2911	DV8L*	Y29PL	7/16	38
YAV8CRS1		1/4	0.41	0.95	0.65	0.28	0.20					
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	DV6L	Y29PL	1/2	39
YAV6CRS		1/4	0.50	0.98	0.67	0.28	0.25					
YAV6CRS4		5/16	0.59	0.98	0.73	0.34	0.31					
YAV6CRS2	3/8	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	DV4L	Y29PL	1/2	40
YAV4CRS		1/4	0.53	1.00	0.70	0.28	0.25					
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	DV2L	Y29PR	5/8	41
YAV2CRS2		5/16	0.68	1.27	0.82	0.34	0.33					
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	DV1L	Y29PR	5/8	42
YAV1CRS2		5/16	0.73	1.31	0.88	0.34	0.33					
YAV25RS	1/0	3/8	0.81	1.35	1.01	0.44	0.39	MY28 MY2911	DV25L	Y29PR	11/16	43
YAV25RS3		1/2	0.88	1.35	1.04	0.47	0.44					
YAV26RS	2/0	3/8	0.92	1.58	1.00	0.47	0.39	MY28 MY2911	DV26L	Y29PR	13/16	44
YAV26RS3		1/2	0.92	1.58	1.00	0.47	0.39					
YAV27RS	3/0	3/8	1.02	1.61	1.12	0.47	0.48					45
YAV28RS	4/0	3/8	1.12	1.75	1.15	0.47	0.48					46

Nylon Insulated Right Angle Compression Terminals

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	Indentor	
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

Flag-Type Ring Tongue Compression Terminals

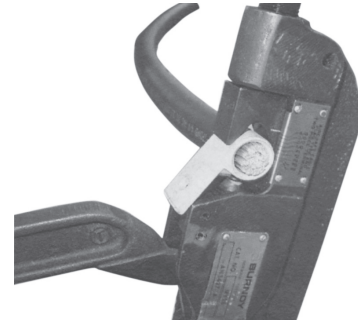
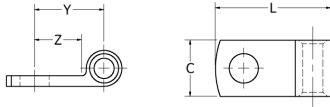
TYPE YBM HYLUG™



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	MY28	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	MY28	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	MY28	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	MY28	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	MY28	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	MY28	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	MY28	DV28L	Y29PR	UV26B1	Y29PA1	13/16"

* Lead Plated available, contact factory.
 ■ UL Listed with MY28 and Y29 series tools only.

Uninsulated Compression Fork Tongue Compression Terminals

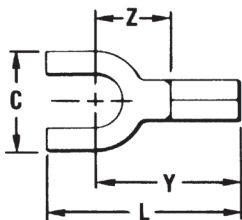
TYPES T-F / YAD-F HYLUG™



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



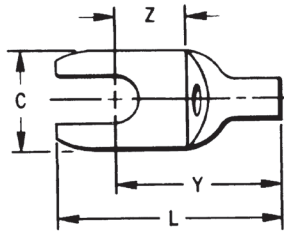
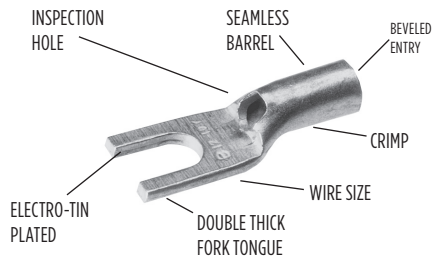
NOTE:

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	Die Index	Wire Strip Length
T186F	22 AWG-18 AWG	#4 - #6	0.28	0.68	0.55	0.25	YAD186F	Non-Ratchet: Y10D Ratchet: MRE1022B, MR8G98, Y8MRB1, MR20	B1, B4, B5, B10, B11, B12, B14	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 Ratchet: MRE1022B, MR8G98, Y8MRB1, MR20	B1, B5, B8, B10, B11, B12, B15	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 Ratchet: MRE1022B, MR8G98, Y8MRB1, MR20	B1, B5, B16, B20, B21, B22	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			

Seamless Uninsulated Fork Tongue Compression Terminals

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	Die Index	Wire Strip Length
YAV18T19FBOX	22-18	#4-#6	0.31	0.84	0.55	0.25	YAV18T19F	Non-Ratchet: Y10D Ratchet: MR8G98, MR89Q, MR20, Y8MRB1, MRE1022B	B1, B3, B4, B5, B10, B11, B14	9/32"
YAV18T21FBOX	20-18	#8-#10	0.37	0.84	0.55	0.25	YAV18T21F		B1, B5, B8, B9, B10, B11, B15	
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			B1, B5, B16, B18, B20, B21
YAV10T23FBOX		1/4	0.47	1.03	0.75	0.34	YAV10T23F			

Polyvinylchloride Insulated Fork Tongue Compression Terminals

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.

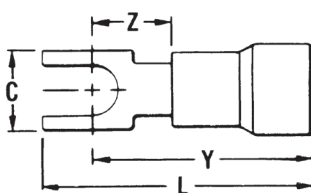
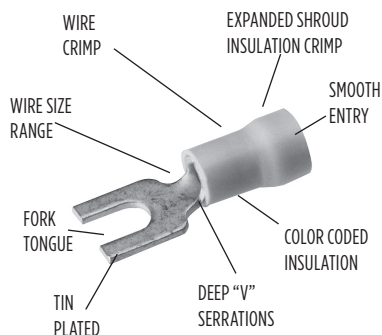


Features & Benefits

- 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	Die Index	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	Ratchet Tool: MRE1022NV MR8891	V1, V4, N3, N10, N12	13/64"
TP166F		#4 - #6	0.28	0.80	0.66	0.23	BA16EF6			
TP168F		#6 - #8	0.31	0.86	0.69	0.26	BA16EF8			
TP1610F		#8 - #10	0.41	0.95	0.75	0.31	BA16EF10			
TP142F	16 - 14 Max. Insul. Dia. Accom.: 0.18 Color Code: Blue	#1 - #2	0.17	0.75	0.66	0.23	BA14EF2	Ratchet Tool: MRE1022NV MR8891	V2, V6, N3, N21, N33	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			
TP1410F		#8 - #10	0.41	0.95	0.75	0.31	BA14EF10			
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 N10ETZ3	V3, V8, N27, N34, N38	19/64"
TP108F		#6 - #8	0.31	0.98	0.81	0.26	BA10EF8			
TP1010F		#8 - #10	0.41	1.07	0.87	0.31	BA10EF10			

- UL Listed and CSA Certified with MR8891 and MR15 only
- * 1000/Box

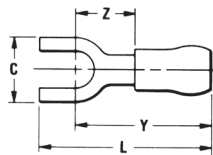
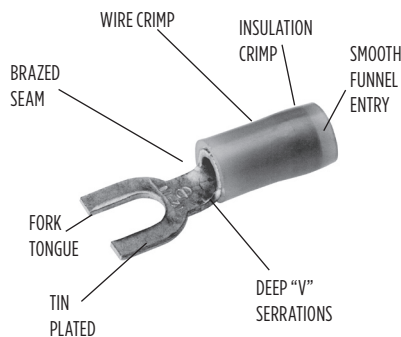


MRE1022NV Ergonomic Hand Tool perfect for use with the TP-F; suitable for most nylon and vinyl insulated small terminals. MRE1022B is designed for use with bare (uninsulated) terminals. Part of the BURNDY Engineered System of coordinating connectors, tools and dies for a quality, reliable, repeatable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

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

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	Die Index	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 Ratchet: MRE1022NV MR883** MR18	N3, N7, N10, N11, N12, N17, N18, N19, N24	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 Ratchet: MRE1022NV MR883** MR18	N3, N21, N24, N25, N26, N30, N31, N32, N33, N34	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 Ratchet: MRE1022NV MR883** MR18	N24, N27, N34, N36, N37, N38, N43, N45	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

Nylon Insulated Fork Tongue, Multi-Finger Insulation Grip

TYPES YAE-N-F / YAE-N-F BOX INSULUG™ 600 Volts Max.; 105° C Max.

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

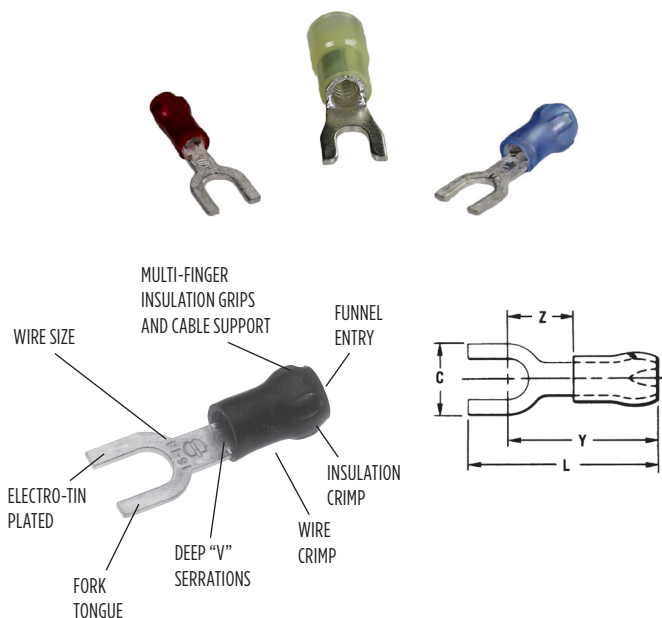
Features & Benefits

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

NOTES:

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

Mylar-mounted connectors may be available, please see the mylar-mounted catalog pages at the end of this section for more information.



Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling **	Die Index	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	N8, N12	5/32"
YAE22N66FBOX *		#4 - #6	0.28	0.80	0.67	0.27	YAE22N66F			
YAE18N60FBOX *	22 - 16 Max. Insul. Dia.: 0.13" Sleeve Color: Red	#4	0.21	0.92	0.73	0.24	YAE18N60F	Non-Ratchet: Y10D Ratchet: MRE1022NV, MR833T1, M8ND with one of the following dies: N14HET25V1, N10ET9, N14HET15, N10ET23	N3, N7, N9, N10, N12, N14, N16, N22, N23, N24	3/16"
YAE18G43FBOX		#4 - #6	0.25	0.78	0.68	0.18	YAE18G43F			
YAE18N56FBOX †		#4 - #6	0.28	0.82	0.71	0.21	YAE18N56F			
YAE18N57FBOX		#6 - #8	0.31	0.96	0.77	0.28	YAE18N57F			
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 Ratchet: MR833T1, M8ND with one of the following dies: N14HET25V1, N10ET9, N14HET15, N10ET23	N3, N9, N21, N22, N23, N24, N30, N31	3/16"
YAE14N77FBOX		#6 - #8	0.31	0.96	0.77	0.29	YAE14N77F			
YAE14N78FBOX		#8 - #10	0.36	1.01	0.79	0.20	YAE14N78F			
YAE10N80FBOX *	12 - 10	#4 - #6	0.35	1.02	0.67	0.29	—	Non-Ratchet: Y10D Ratchet: MRE1022NV, MR833T1, M8ND with one of the following dies: N14HET25V1, N10ET9, N14HET15, N10ET23	N23, N24, N27, N34, N38, N39, N41, N34, N44	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.

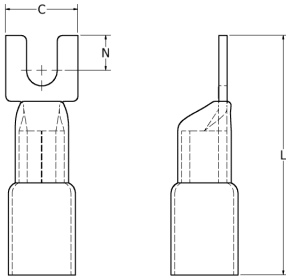
† Not UL Listed; is CSA Certified.

** For UL Listed applications, consult BURNDY factory.

▲ Only with #2-#20 AWG Wire

Heat Shrink Insulated Fork Tongue Compression Terminals

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

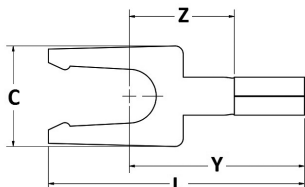
NOTES:

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		

Uninsulated Locking Fork Tongue Compression Terminals

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

NOTES:

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

Mylar-mounted connectors may be available, please see the mylar-mounted catalog pages at the end of this section for more information.

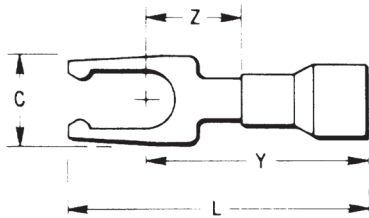
Catalog Number	Wire Range	Stud Size	C	L	Y	Z	Installation Tooling	Die Index	Wire Strip Length
T166LF	22 - 16 AWG	#4 - #6	0.25	0.83	0.54	0.32	MRE1022B MR8G98 Y8MRB1 MR20 Y10D	B1, B4, B5, B10, B11, B12, B14	9/32
T168LF		#6 - #8	0.31	0.83	0.57	0.32			
T1610LF		#8 - #10	0.31	0.83	0.63	0.32			
T146LF	16 - 14 AWG	#4 - #6	0.25	0.81	0.54	0.30	MRE1022B MR8G98 Y8MRB1 MR20 Y10D	B1, B5, B8, B10, B11, B12, B15	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	B1, B5, B16, B20, B21, B22	11/32
T108LF		#6 - #8	0.33	0.90	0.57	0.29			
T1010LF		#8 - #10	0.35	0.90	0.63	0.29			

Polyvinylchloride Insulated Locking Fork Tongue Terminals

TYPES TP-LF / BA-EL VINYLUG™

600 Volts Max., 105° C Max.

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



Features & 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



NOTES:

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

Mylar-mounted connectors may be available, please see the mylar-mounted catalog pages at the end of the section for more information.

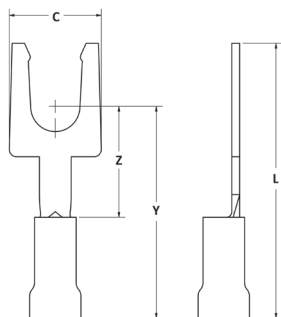
Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Die Index	Wire Strip Length	
			C	L. Max	Y Max.	Z Min.					
TP166LF	22 - 16 Max. Insul. Dia. Accom.: 0.15 Color Code: Red	#4 - #6	0.28	0.80	0.66	0.23	BA16EL6	Ratchet Tool: MRE1022NV MR8891 MR15	V1, V4, N3, N10	13/64	
TP168LF		#6 - #8	0.31	0.86	0.69	0.26				BA16EL8	13/64
TP1610LF		#8 - #10	0.41	0.95	0.75	0.31				BA16EL10	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	Ratchet Tool: MRE1022NV MR8891 MR15	V2, V6, N3, N21	13/64	
TP148LF		#6 - #8	0.31	0.86	0.69	0.26				BA14EL8	13/64
TP1410LF		#8 - #10	0.41	0.95	0.75	0.31				BA14EL10	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	Ratchet Tool: MR8891 MR15	V3, V8, N27, N38	19/64	
TP108LF		#6 - #8	0.31	0.98	0.81	0.26				BA10EL8	19/64
TP1010LF		#8 - #10	0.41	1.07	0.87	0.31				BA10EL10	19/64

• UL Listed and CSA Certified with MR8891 and MR15.

*1000/Reel.

Nylon Insulated Locking Fork Tongue Compression Terminals

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

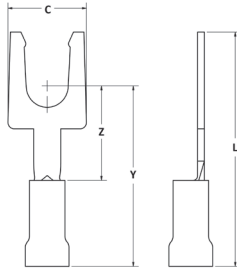
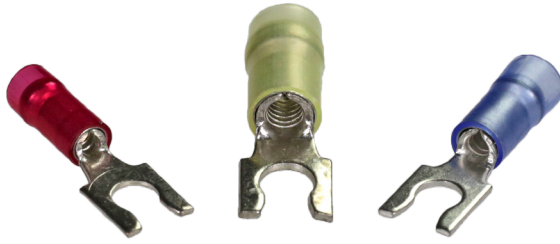
NOTES:

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	Die Index	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	N3, N7, N10, N24	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	N3, N21, N24, N32	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	N24, N27, N38, N45	11/32
TN108LF		6-8	0.33	1.02	0.69	0.29			
TN1010LF		8-10	0.35	1.02	0.75	0.29			

Nylon Insulated Locking Fork Tongue with Shroud

TYPE YAE-N-LF INSULUG™



300 Volts Max., 105° C Max.

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

NOTES:

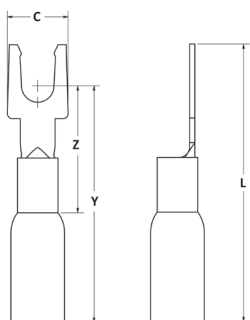
Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Mylar-mounted connectors may be available, please see the mylar-mounted catalog pages at the end of this section for more information.

Catalog Number	Wire Range	Stud Size	Dimensions				Installation Tooling	Die Index	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 Y10D	N3, N7, N10, N24	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 Y10D	N3, N21, N24, N32	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 Y10D	N24, N27, N38, N45	11/32
YAE10N111LFBOX		#6 - #8	0.33	1.02	0.81	0.29			
YAE10N112LFBOX		#8 - #10	0.35	1.02	0.87	0.29			

Heat Shrink Insulated Locking Fork Tongue Compression Terminals

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

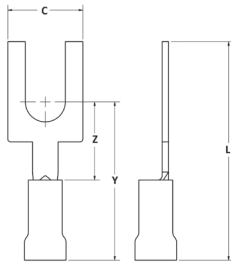
NOTES:

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		

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

NOTES:

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

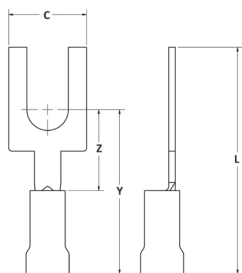
Catalog Number	Wire Range	Stud Size	C	L	Y	Z	Installation Tooling	Die Index	Wire Strip Length
TP166BF	22 - 16	#4 - #6	0.25	0.95	0.83	0.32	MR8891 MR8G96 MR15 MRE1022NV	V1, V4, V5, N3, N10	13/64
TP168BF		#6 - #8	0.31	0.95	0.79	0.32			
TP1610BF		#8 - #10	0.31	0.95	0.79	0.32			
TP146BF	16 - 14	#4 - #6	0.25	0.93	0.81	0.30	MR8891 MR8G96 MR15 MRE1022NV	V2, V6, V7, N3, N21	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	MR8891 MR8G96 MR15 MRE1022NV	V3, V8, N27, N38	19/64
TP108BF		#6 - #8	0.33	1.02	0.86	0.29			
TP1010BF		#8 - #10	0.35	1.02	0.85	0.29			

Nylon Insulated Block Fork Tongue Compression Terminals

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

NOTES:

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

Mylar-mounted connectors may be available, please see the mylar-mounted catalog pages at the end of this section for more information.

Catalog Number	Wire Range	Stud Size	C	L	Y	Z	Installation Tooling	Die Index	Wire Strip Length
TN186BF	22 - 18	#4 - #6	0.25	0.95	0.83	0.32	MRE1022NV MR81A Y10D M8ND with one of the following N14HET25V1, N10ET9, N14ET15, N10ET23	N2, N3, N9, N10, N1, N22, N23, N24	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 M8ND with one of the following N14HET25V1, N10ET9, N14ET15, N10ET23	N3, N5, N9, N21, N22, N23, N24	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 M8ND with one of the following N14HET25V1, N10ET9, N14ET15, N10ET23	N20, N24, N27, N38, N39, N41	3/8"
TN108BF		#6 - #8	0.33	1.02	0.86	0.29			
TN1010BF		#8 - #10	0.35	1.02	0.85	0.29			

Nylon Insulated Block Fork Tongue with Shroud

TYPE YAE-N-BF INSULUG™

600 Volts Max., 105° C Max.

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

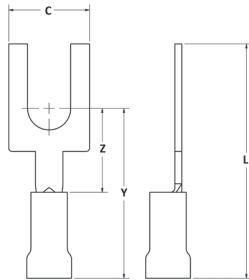


Features & Benefits

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

NOTES:

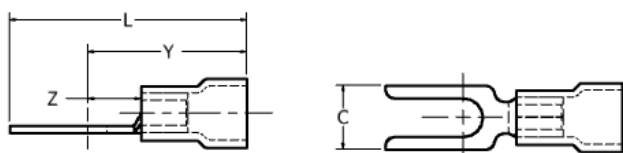
Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Catalog Number	Wire Range	Stud Size	C	L	Y	Z	Installation Tooling	Die Index	Wire Strip Length
YAE18N104BFBOX	22 - 18	#4 - #6	0.25	0.95	0.83	0.32	MRE1022NV, MR81A, MR833T1, Y10D M8ND with one of the following dies: N14HET25V1, N10ET9, N14ET15, N10ET23	N2, N3, N9, N10, N14, N16, N22, N23, N24	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 M8ND with one of the following dies: N14HET25V1, N10ET9, N14ET15, N10ET23	N3, N5, N9, N21, N22, N23, N24, N30, N31	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 M8ND with one of the following dies: N14HET25V1, N10ET9, N14ET15, N10ET23	N20, N24, N27, N38, N39, N41, N43	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			

Heat Shrink Insulated Block Fork Tongue

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

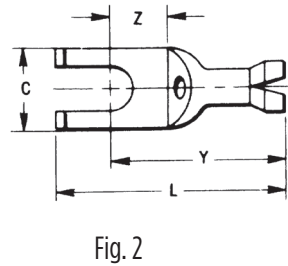
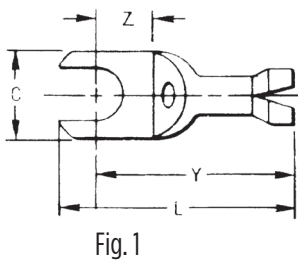
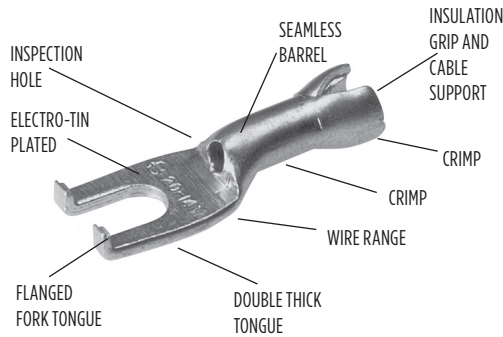
NOTES:

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	

Uninsulated Fork Tongue with Seamless Shroud

TYPES YAV-H-F / YAV-Z HYLUG™



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



NOTES:

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

Mylar-mounted connectors may be available, please see the mylar-mounted catalog pages at the end of the section for more information.

Catalog Number	Fig.	Wire Range	Stud Size	Max. Insul. Dia. Accom.	C	L Max	Y Max	Z Min	Bulk Catalog #	Installation Tooling	Die Index	Wire Strip Length
YAV18H6FBOX	1	22-18	4-6	0.120	0.25	0.89	0.80	0.19	YAV18H6F	Non-Ratchet: Y10D*, Y14MV Ratchet: MR8G98, MR89Q, Y8MRB1*, MR20, and M8ND with N14HT5 Die or N14HT	B1, B2, B3, B4, B5, B6, B10, B14	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		B1, B5, B7, B8, B9, B10, B13, B15	
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	B17

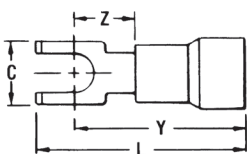
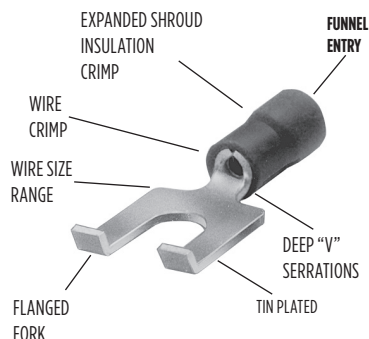
* Crimps conductor crimp only.

Polyvinylchloride Insulated Flanged Fork Tongue Terminals

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



NOTES:

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

Mylar-mounted connectors may be available, please see the mylar-mounted catalog pages at the end of this section for more information.

Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Die Index	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, Y6NCB with J1022NC4	V4, N3, N10	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, Y6NCB with J1022NC4	V6, N3, N21	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	V8, V9, N27, N38	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.

Nylon Insulated Flanged Fork, Multi-Finger Insulation Grip

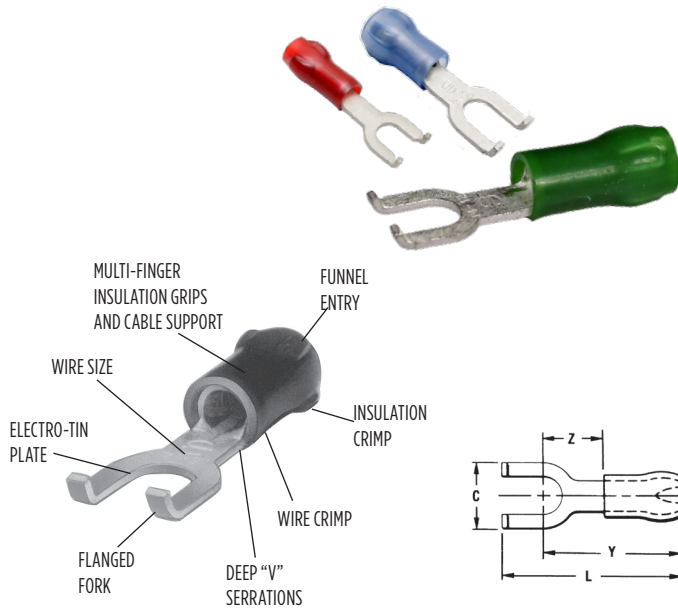
TYPE YAE-Z / YAE-Z BOX INSULUG™

600 Volts Max., 105° C Max.

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

Features & Benefits

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



NOTES:

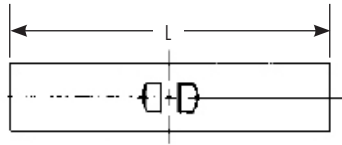
Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Catalog Number	Wire Range	Stud Size	Dimensions				Bulk Catalog Number	Installation Tooling	Die Index	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	N3, N8, N9, N10, N14, N16, N22, N23, N24	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	N3, N7, N9, N10, N14, N16, N22, N23, N24	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	N3, N21, N24, N30, N31, N39, N41	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	N24, N27, N38, N40, N43	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

Uninsulated, Rolled Compression Butt Splice

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

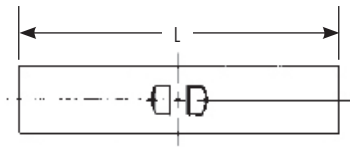
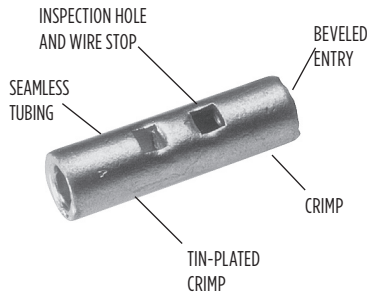
NOTES:

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	L	Installation Tooling	Die Index	Wire Strip Length
YSV18BBOX	22 - 18 AWG	0.62	Y10D MRE1022B Y8MRB1 MR89Q MR8G98 MR20	B1, B3, B4, B5, B10, B11, B14	1/4"
YSV14BBOX	16 - 14 AWG	0.64		B1, B5, B8, B9, B10, B11, B15	1/4"
YSV10BBOX	12 - 10 AWG	0.75		B1, B5, B16, B18, B20, B21	5/16"

Uninsulated Seamless Compression Butt Splice

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

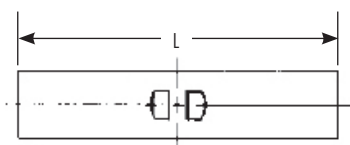
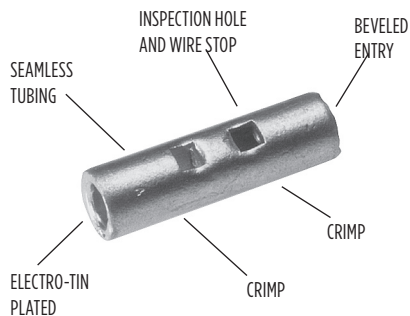


Catalog Number	Wire Range AWG, AN, Aircraft	L	Bulk Catalog Number	Installation Tooling	Die Index	Wire Strip Length
YSV18BOX	22 - 18	0.62	YSV18	Non-Ratchet: Y10D Ratchet: MRE1022B, MR20, Y8MRB1, MR89Q*, MR8G98	B1, B3, B4, B5, B10, B11, B12, B14	1/4"
YSV14BOX	20 - 14	0.64	YSV14	Non-Ratchet: Y10D Ratchet: MRE1022B, MR20, Y8MRB1, MR89Q*, MR8G98	B1, B5, B8, B9, B10, B11, B12, B15	1/4"
YSV10BOX	12 - 10	0.75	YSV10	Non-Ratchet: Y10D Ratchet: MRE1022B, MR20, Y8MRB1, MR89Q*, MR8G98	B1, B5, B16, B18, B20, B21, B22	5/16"

* Remove stop plate

Uninsulated Butt Splices #8 through 4/0 Copper

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



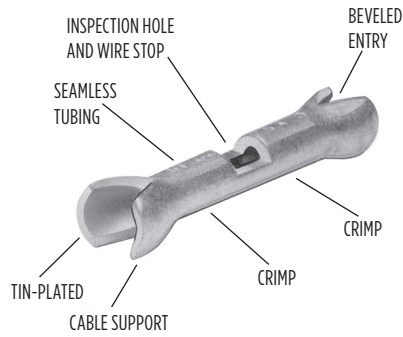
Catalog Number	Wire Range Aircraft-AN Comm'l-AWG Str. & Sol.	Dimensions L	Bulk Catalog Number	Installation Tooling			Wire Strip Length	
				Ratchet	HYTOOL™	• 35 Series		
						Nest		Indentor
YSV8CLBOX	8 AWG	1.00	YSV8CL	MR89Q, Y8MRB1, Y1MRTC	MY28 (for Type AH Aircraft Cable); All others: MY293, MY2911 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.

Uninsulated Seamless Butt Splice with Cable Strain Relief

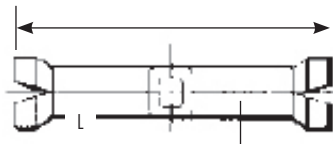
TYPE YSV-H HYLINK™

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	Die Index	Wire Strip Length
YSV18HBOX	22 - 18	0.89	YSV18H	MRE1022B MR89Q* MR8G98	B1, B3, B4, B5, B10, B11, B12, B14	1/4"
YSV14HBOX	20 - 14	0.94	YSV14H		B1, B5, B8, B9, B10, B11, B12, B15	1/4"
YSV10HBOX	12 - 10	1.06	YSV10H		B1, B5, B16, B18, B20, B21, B22	5/16"

* Remove stop plate.

Polyvinylchloride Insulated Compression Butt Splice

TYPE SP VINYLINK™

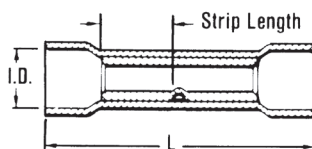
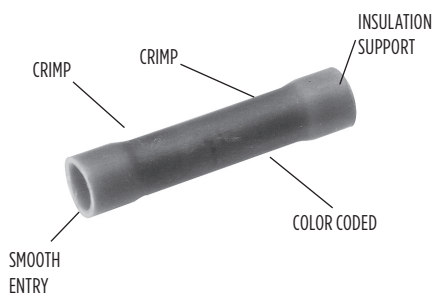


600 Volts Max., 105° C Max.

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

Features & Benefits

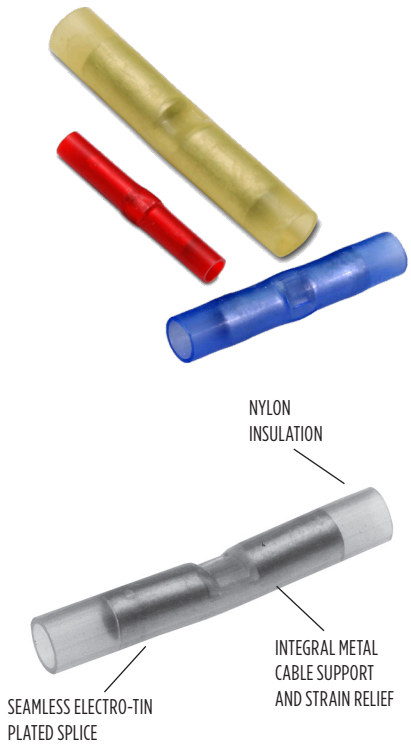
- Manufactured from seamless electrolytic copper tubing to provide maximum conductivity and tensile strength in a high quality design with no seams to split
- Funnel entry for easy wire insertion
- Electro-tin plated providing durable, long lasting resistance to corrosion
- Expanded insulation support 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	Die Index	Wire Strip Length
				L Max.	Max Insul. Dia			
SP16	22 - 16	Red	BS16	1.00	0.15	Ratchet: MRE1022NV MR8G98 MR15 MR8891	V1, V4, B4, N3, N10, N24	1/4"
SP14	16 - 14	Blue	BS14	1.00	0.18	Ratchet: MRE1022NV MR8G98 MR15 MR8891	V2, V6, B8, N3, N21	1/4"
SP10	12 - 10	Yellow	BS10	1.23	0.26	Ratchet: MRE1022NV MR8G98 MR15 MR8891	V3, V8, B16, N24, N27, N38	21/64"

Nylon Insulated Butt Splice

TYPE SN INSULINK™



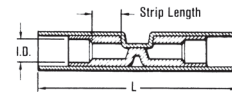
600 Volts Max., 105° C Max.

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	Die Index	Wire Strip Length
SN18	22 - 18	Red	YSE18HN	1.25	0.12	Plier: Y10D Ratchet: MRE1022NV MR883 MR18	N3, N7, N10, N15, N19, N24	15/64"
SN14	16 - 14	Blue	YSE14HN	1.25	0.15	Plier: Y10D Ratchet: MRE1022NV MR883 MR18	N3, N21, N24), N25, N28, N32	7/32"
SN10	12 - 10	Yellow	YSE10HN	1.64	0.22	Plier: Y10D Ratchet: MRE1022NV MR883 MR18	N24, N27, N38, N42, N45, N46	3/8"

Nylon Insulated Butt Splice

TYPE SN-B INSULINK™

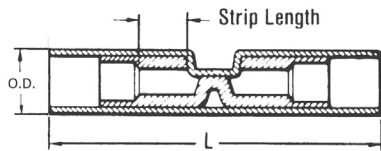
600 Volts Max., 105° C Max.

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	Die Index	Wire Strip Length
SN18B	22 - 18 AWG	Red	1.25	0.12	Y10D MRE1022NV MR885	N3, N10, N15, N24	15/64"
SN14B	16 - 14 AWG	Blue	1.25	0.15	Y10D MRE1022NV MR885	N3, N21, N24, N28	7/32"
SN10B	12 - 10 AWG	Yellow	1.64	0.22	Y10D MRE1022NV MR885	N24, N27, N38, N42	3/8"

Nylon Insulated Splices for Aircraft and Commercial Flex Cables

TYPES YSE / YSE-H BOX INSULINK™

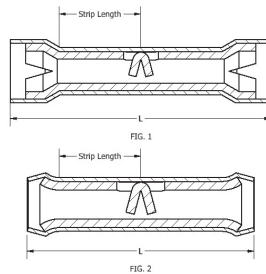
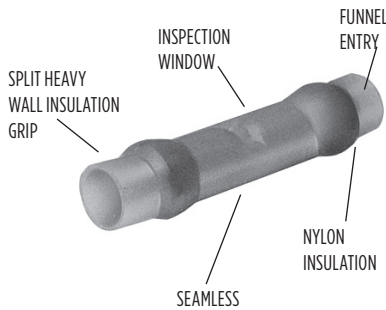
600 Volts Max., 105° C Max.

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	Die Index	Wire Strip Length
YSE18HBOX	1	22 - 18	Red	YSE18H	1.22	0.12	Y10D Ratchet: MRE1022NV MR833T1	N3, N10, N14, N24	9/32"
YSE14HBOX	1	16 - 14	Blue	YSE14H	1.36	0.15	Y10D Ratchet: MRE1022NV MR833T1	N3, N21, N24, N31	11/32"
YSE10BOX	2	12 - 10	Yellow	YSE10	1.15	0.21	Y10D Ratchet: MRE1022NV MR833T1	N24, N27, N38, N43	23/64"

Heat Shrink Insulated Compression Butt Splices

TYPE YSE-HHS HYDENT™

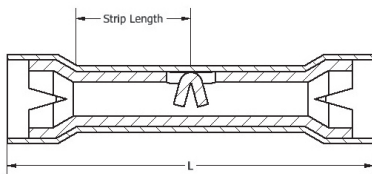


For Copper Conductor; -55° through 110°C

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, MR833T1	9/32"
YSE14HHS	16 - 14	1.50	0.20	Y10D, MR833T1	11/32"
YSE10HHS	12 - 10	1.60	0.25	Y10D, MR833T1	23/64"

Heat Shrink Insulated Butt Splices for Copper Conductor

TYPE YHSS HYDENT™

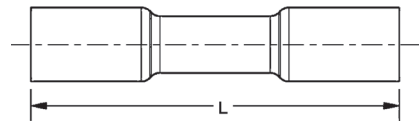


For Copper Conductor; -55° through 110°C

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

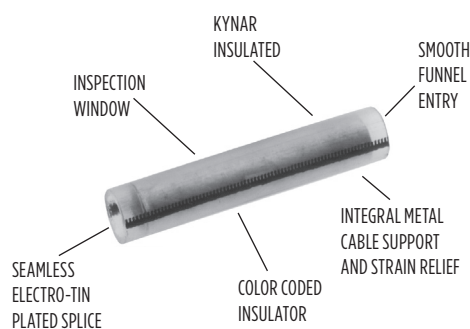


Catalog Number (100/bag)	Catalog No. (20/bag)	Conductor Size	L
YHSS18	YHSS18RK	22 - 18 AWG	1.50"
YHSS14	YHSS14RK	16 - 14 AWG	1.50"
YHSS10	YHSS10RK	12 - 10 AWG	1.60"

Recommended Tooling MR22

Radiation Resistant Insulated Compression Butt Splices

TYPE YSES-K INSULINK™

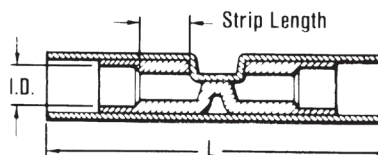


Polyvinylidene Fluoride (PVF2) Insulated 200 Megarads; 60°C through 150°C; 600 Volts

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

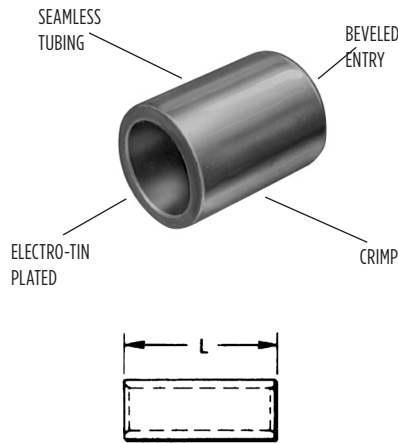
- These insulated splices are suitable for class 1E applications
- Pure electrolytic copper seamless tubing eliminates potential splitting of seams
- Color coded stripe identifies wire size
- Window is provided for inspection of proper wire insertion
- Suitable for 200 Megarads Rated 60°C through 150°C;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



Catalog Number	Wire Range	Color Stripe	Dimension Max. Insul. Dia. Accom.	L Max.	Installation Tooling	Wire Strip Length
YES18K	22-18	Red	0.11	1.00	Ratchet Tool: MR10G8 Red Groove Calibration Gauge: PG3731 Crimp ID Mark: (1) Small Dot	3/16"
YES14K	16-14	Blue	0.15	1.00	Ratchet Tool: MR10G8 Blue Groove Calibration Gauge: PG3711 Crimp ID Mark: (2) Small Dots	3/16"
YES10K	12-10	Yellow	0.21	1.38	Ratchet Tool: MR10G8 Yellow Groove Calibration Gauge: PG3721 Crimp ID Mark: (1) Large Dot	7/16"

Uninsulated Compression Parallel Splice

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

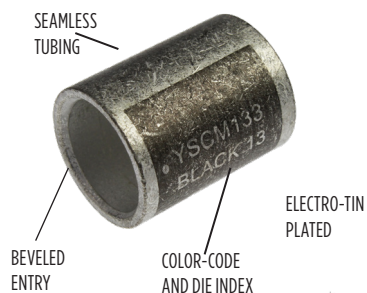
Catalog Number	Circular Mil. Range	Dim. L	Installation Tooling						Wire Strip Length
			Ratchet	Mechanical HYTOOL™	Y29 Series		35, 750 Series		
					Nest	Indentor	Nest	Indentor	
YSM18	300 - 1,909	0.25	MR89Q* Y14MRQ Y8MRB1	—	—	—	—	—	5/16
YSM14	477 - 4,107	0.25	MR89Q* MR4CQ Y10MRQ Y8MRB1	—	—	—	—	—	5/16
YSM10	4,107 - 10,380	0.36	Y1MRTC MR4CQ MR89Q*	MY2911 or MY28 (1) Crimp	DV8L-1	Y29PQ	UV8L	Y29PQ	1/2
YSM8C	6,088 - 16,864	0.41	Y1MRTC MR4CQ MR89Q*		DV6L	Y29PQ	UV6L	Y29PQ	1/2
YSM6C	10,380 - 26,813	0.44	Y1MRTC MR4CQ		DV4L	Y29PQ	UV4L	Y29PQ	9/16
YSM4C	26,813 - 42,613	0.50	Y1MRTC		DV2L	Y29PQ	UV2L	Y29PQ	11/16
YSM2C	42,613 - 66,832	0.62	—		DV1L	Y29PQ	UV1L	Y29PQ	11/16
YSM1C	66,832 - 81,807	0.62	—		DV25L	Y29PQ6	UV25L	Y29PQ6	3/4
YSM25	81,807 - 104,110	0.69	—		DV26L	Y29PQ6	UV26L	Y29PQ6	7/8
YSM26	104,110 - 133,650	0.81	—		DV27L	Y29PQ6	UV27L	Y29PQ6	7/8
YSM27	133,650 - 167,332	0.81	—		DV28L	Y29PQ6	UV28L	Y29PQ6	5/16
YSM28	167,332 - 211,954	0.88	—		—	—	—	—	—

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

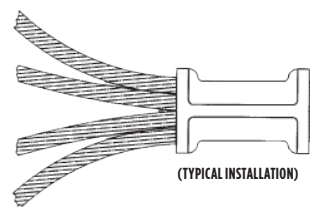
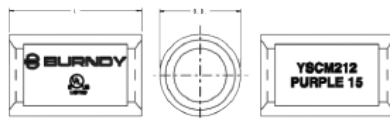
Wire Size	Area Cir. Mils.	Solid Wire Dia. (In.)	Concentric Str. Max. Dia. (In.)	Flex. Bunch or Rope Lay Dia. (In Approx.)
13	5178	0.07196	—	—
12	6530	0.08081	0.0931	0.101
11	8234	0.09074	—	—
10	10380	0.1019	0.117	0.126
9	13090	0.1144	0.132	0.146
8	16510	0.1285	0.148	0.157 - 0.162
7	20820	0.1433	0.166	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

Color-Coded Uninsulated Compression Parallel Splice

TYPE YSCM HYLINK™



ELECTRO-TIN PLATED



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			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

Uninsulated Compression Reducing Butt Splice

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 for these connectors.

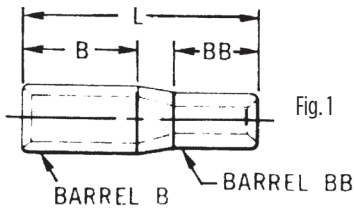


Fig. 1

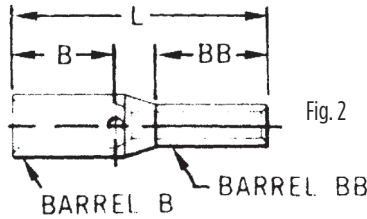


Fig. 2

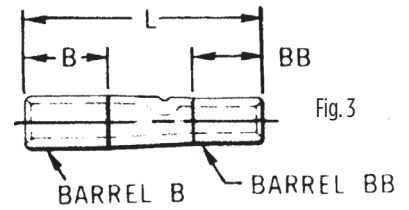


Fig. 3

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.

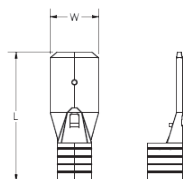
Index Number	Hand Tools	Tools With Dies	
		Y29 Series	
1	MR8G98 Y8MRB1 MR89Q† MR20	—	
2		—	
4		—	
5	Y8MRB1 MY28 MR4C YIMRTC	Nest	Indentor
		DV8L1*	Y29PL
6	MY28 MR4C YIMRTC	DV6L	Y29PL
7	MY28 MR4C YIMRTC	DV4L	Y29PL
8	YIMRTC MY28	DV2L	Y29PL

TOOL INDEX

* For aircraft applications (flexible cables).

Uninsulated Tin-Plated Brass Male/Female Quick Disconnects

TYPE Q-M FINGRIP™ Non-Insulated Male Quick Disconnects



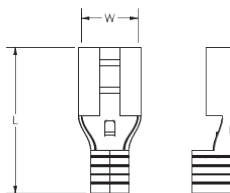
Non insulated quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a male-type blade which slides into a female-type receptacle.

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	Bulk Catalog Number	Die Index	Wire Strip Length
Q18M11X02D	18 - 22	0.110 X 0.020	0.66	0.110	MRE1022B MR20 Y10D	—	B1 (NOT UL), B5 (NOT UL), B10 (NOT UL), B11 (NOT UL)	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	B1 (NOT UL), B5 (NOT UL), B10 (NOT UL), B11 (NOT UL)	
Q14M25X03D		0.250 X 0.032	0.66	0.250		Q14M25X03B		
Q10M25X03D	12 - 10	0.250 X 0.032	0.66	0.250		—	B1 (NOT UL), B5 (NOT UL), B21 (NOT UL)	

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.

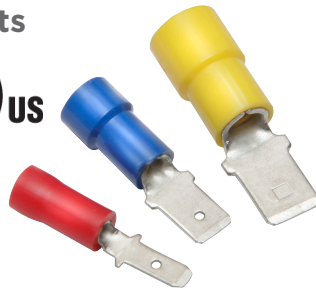
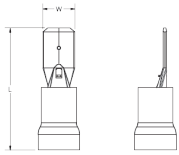
Features & Benefits

- 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	Bulk Catalog Number	Installation Tooling	Die Index	Wire Strip Length
Q18F11X02D	18 - 22	0.110 x 0.020	0.66	0.110	—	MRE1022B Y10D MR20	B1, B10, B11	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		B1, B10, B11	
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	—	B1, B21			
Q10F18X02D		0.187 x 0.020	0.187	—				
Q10F25X03D		0.250 X 0.032	0.250	Q10F25X03B				

Vinyl Insulated Tin-Plated Brass Male/Female Quick Disconnects

TYPE QP-M FINGRIP™ Vinyl Insulated Male Quick Disconnects



600 Volts Max., 105° C Max.

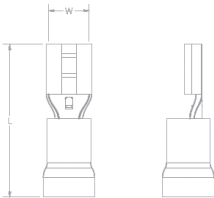
Vinyl insulated quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a male-type blade which slides into a female-type receptacle.

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	Bulk Catalog Number	Die Index	Wire Strip Length
QP18M11X02D	18 - 22	0.11 X 0.02	0.76	0.11	MRE1022NV Y10D	—	N3, N10, N24	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 Y10D	—	N3, N21, N24	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, Y10D	—	N24, N27, N38	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

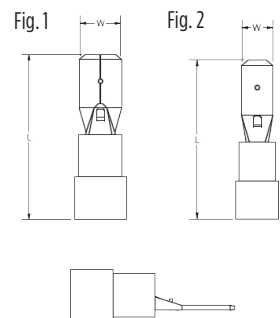
- Butted seam
- Insulated connectors eliminate the need for post installation insulation
- Funnel entry barrel opening for quick and easy wire insertion
- Dimpled female socket detent ensure firm grip

Catalog Number	Wire Range	NEMA Tab Size	L	W	Bulk Catalog Number	Installation Tool	Die Index	Wire Strip Length
QP18F11X02D	16 - 22	0.11 X 0.02	0.75	0.11	—	MRE1022NV Y10D	N10, N24	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	N21, N24	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	N24, N38	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.

Nylon Insulated Tin-Plated Brass Male/Female Quick Disconnects

TYPE QN-M FINGRIP™ Nylon Insulated Male Quick Disconnects



300 Volts Max., 105° C Max.

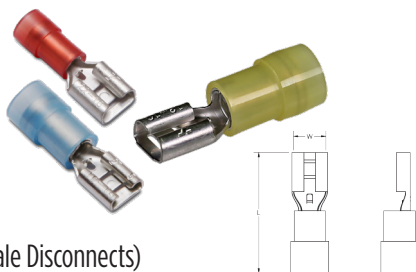
Nylon insulated quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a male-type blade which slides into a female-type receptacle.

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	Bulk Catalog Number	Die Index	Wire Strip Length
QN18M18X02D	2	18 - 22	0.19 X 0.02	0.80	0.19	MRE1022NV Y10D	QN18M18X02B	N3, N10, N24	3/8"
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	QN14M18X02B	N3, N21, N24	3/8"
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	—	N24, N27, N38	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

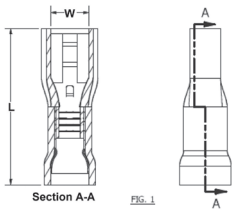
- Sleeved barrel
- Insulated connector eliminate the need for post installation insulation
- Funnel entry barrel opening assures quick and easy wire insertion
- Dimpled female socket detent ensures firm grip

Standard Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Bulk Catalog Number	Die Index	Wire Strip Length
QN18F11X02D	18 - 22	0.11 X 0.02	0.77	0.11	MRE1022NV, Y10D	QN18F11X02B	N3, N10, N24	3/8"
QN18F18X02D		0.19 X 0.02	0.79	0.19		QN18F18X02B		
QN18F25X03D		0.25 X 0.03	0.87	0.25		QN18F25X03B		
QN14F11X02D	14 - 16	0.11 X 0.02	0.77	0.11	MRE1022NV, Y10D	QN14F11X02B	N3, N21, N24	3/8"
QN14F18X02D		0.19 X 0.02	0.79	0.19		QN14F18X02B		
QN14F25X03D		0.25 X 0.03	0.87	0.25		QN14F25X03B		
QN10F18X02D*	12 - 10	0.19 X 0.02	0.87	0.19	MRE1022NV, Y10D	QN10F18X02B*	N24, N27, N38	3/8"
QN10F25X03D		0.25 X 0.03	0.95	0.25		QN10F25X03B		

* Not cULus.

Fully Insulated Tin-Plated Brass Female/Male Quick Disconnects

TYPE FQP-F FINGRIP™ Vinyl Fully Insulated Female Quick Disconnects



600 Volts Max., 105° C Max.

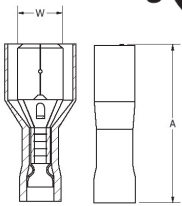
Vinyl insulated quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a female-type receptacle which allows the terminal to slide onto a male-type blade.

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	Die Index	Wire Strip Length
FQP18F11X03D	18 - 22	0.11 X 0.03	0.79	0.11	MRE1022NV	N3, N10	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	N3, N21	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	N27, N38	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

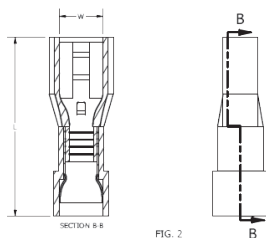
- Fully insulated connectors eliminate the need for post installation insulation
- Funnel entry barrel opening assures quick and easy wire insertion
- Dimpled female socket detent ensuring firm grip

Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Bulk Catalog Number	Die Index	Wire Strip Length
FQN18M18X02D*	18 - 22	0.19 X 0.02	0.88	0.19	MRE1022NV Y10D	—	N3, N10, N24	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	—	N3, N21, N24	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	FQN10M25X03B	N38	3/8"

* Not cULus.

Nylon Fully Insulated Female / Heat Shrink Insulated Male Disconnects

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.

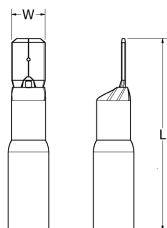
Features & Benefits

- 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	Die Index	Wire Strip Length
FQN18F25X03D	18 - 22	.250 X .032	.90	.250	MRE1022NV Y10D	N3, N10, N24	3/8"
FQN14F18X02D*	14 - 16	.187 x .020	.90	.187	MRE1022NV Y10D	N3, N21, N24	3/8"
FQN14F25X03D	14 - 16	.250 X .032	.90	.250			
FQN10F25X03D	10 - 12	.250 X .032	.98	.250	MRE1022NV Y10D	N24, N27, N38	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.

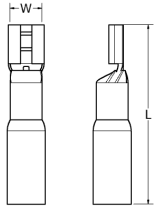
Features & Benefits

- 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"

Heat Shrink Insulated Female / Fully Insulated Female Disconnects

TYPE YHSQ-F HYDENT™ Heat Shrink Insulated Female Quick Disconnects



Tin Plated Brass; -55° through 110°C

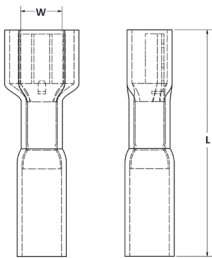
Standard crimp terminals leave the wire exposed allowing in moisture or other contaminants which can result in corrosion. Corrosion reduces the amount of current the wire can carry safely. The integrity of the electrical system can be compromised when unsealed electrical connections are utilized. Heat 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

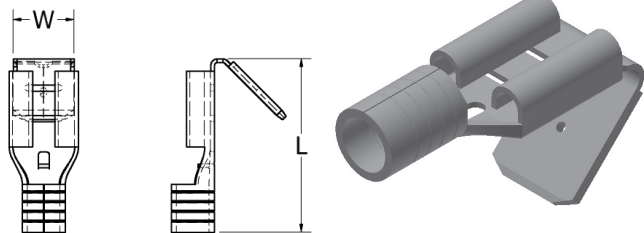
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro-tin plated for corrosion resistance

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"

Uninsulated, Heat Shrink Insulated Male/Female Combo Disconnects

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	Die Index	Wire Strip Length
PG1825X03D	22 - 18 AWG	0.250 X 0.032	0.79	0.25	MRE1022B, Y10D	B1, B5, B11	3/8"
PG1425X03D	16 - 14 AWG	0.250 X 0.032	0.79	0.25	MRE1022B, Y10D	B1, B5, B11	3/8"
PG1025X03D	12 - 10 AWG	0.250 X 0.032	0.89	0.25	MRE1022B, Y10D	B1, B5, B21	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 MR22	5/16"
PGHS1425X03D	16 - 14 AWG	0.250 X 0.032	0.91	0.25	Y10D	5/16"

Vinyl or Nylon Insulated Male / Female Combo Quick Disconnects

TYPE PGP FINGRIP™ Vinyl Insulated Male/ Female Combination Quick Disconnects

600 Volts Max., 105° C Max.

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	Bulk Catalog Number	Die Index	Wire Strip Length
PGP1825X03D	18 - 22	0.250 X 0.032	0.91	0.28	MRE1022NV	PGP1825X03B	N3, N10, N24	3/8"
PGP1425X03D	14 - 16	0.250 X 0.032	0.91	0.28	MRE1022NV	PGP1425X03B	N3, N21, N24	3/8"
PGP1025X03D	10 - 12	0.250 X 0.032	0.95	0.28	MRE1022NV	PGP1025X03B	N38	3/8"

* For UL Listed applications, consult BURNDY® factory.

TYPE PGN FINGRIP™ Nylon Insulated Male/Female Combination Quick Disconnects

600 Volts Max., 105° C Max.

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

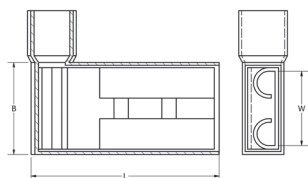
- Sleeved barrel
- Combination connector allows for more than one connection to a circuit
- Funnel entry barrel opening assures quick and easy wire insertion
- Dimpled female socket detent ensures firm grip

Standard Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Bulk Catalog Number	Die Index	Wire Strip Length
PGN1825X03D	18 - 22	0.250 X 0.032	0.90	0.28	MRE1022NV Y10D	PGN1825X03B	N10, N24	3/8"
PGN1425X03D	14 - 16	0.250 X 0.032	0.90	0.28	MRE1022NV Y10D	PGN1425X03B	N21, N24	3/8"
PGN1025X03D	10 - 12	0.250 X 0.032	0.95	0.28	MRE1022NV Y10D	PGN1025X03B	N24, N38	3/8"

* For UL Listed applications, consult BURNDY® factory.

Nylon or Bare Tin-Plated Brass Flag-Style Female Quick Disconnects

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

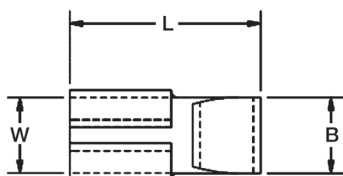
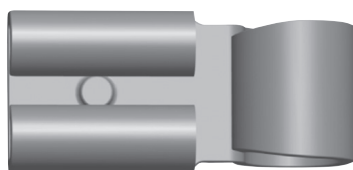
- Dimpled female socket detent ensure firm grip



Catalog Number	Wire Range	NEMA Tab Size	L	B	W	Installation Tool	Die Index	Wire Strip Length
FLN1825X03D	22 - 18	0.250 X 0.032	0.60	0.40	0.25	MRE1422FLN	N1, N10	3/8"
FLN1425X03D	16 - 14	0.250 X 0.032	0.63	0.40	0.25	MRE1422FLN	N1, N21	3/8"
FLN1025X03D*	12 - 10	0.250 X 0.032	0.64	0.40	0.25	MRE1422FLN	N4	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

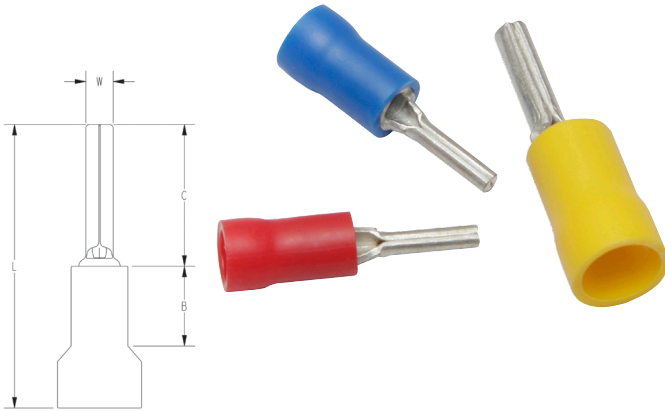
- Dimpled female socket detent ensure firm grip



Catalog Number	Wire Range	NEMA Tab Size	L	B	W	Installation Tool	Bulk Catalog Number	Wire Strip Length
FL1825X03D	18 - 22	0.250 x 0.032	0.67	0.17	0.25	BTH450	FL1825X03B	3/8"
FL1425X03D	14 - 16	0.250 x 0.032	0.67	0.17	0.25	BTH450	FL1425X03B	3/8"
FL1025X03D	10 - 12	0.250 x 0.032	0.67	0.17	0.25	BTH450	FL1025X03B	3/8"

Vinyl Insulated Tin-Plated Brass Pin Terminals

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.

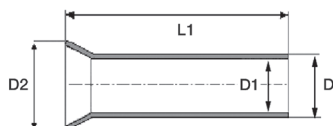
Features & Benefits

- 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	Die Index	Wire Strip Length
PTV18	22 - 18 AWG	0.19	0.41	0.80	0.07	MRE1022NV	N3, N10	5/16"
PTV14	16 - 14 AWG	0.19	0.41	0.80	0.07	MRE1022NV	N3, N21	5/16"
PTV10	12 - 10 AWG	0.27	0.50	0.97	0.11	MRE1022NV	N27, N38	5/16"

Bare Ferrules for Copper Conductor

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

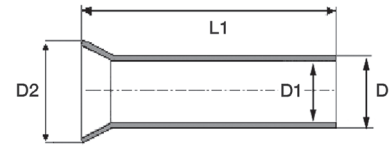
- Made of electrolytic copper, tin plated
- Seamless barrels
- Smooth funnel entry to make wire insertion easier
- RoHS compliant

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	YF268CFSL YF261CSKIT with YF864D die
YF0812UIL	8	10.00	0.47	0.19	0.18	0.29	
YF0815UIL	8	10.00	0.59	0.19	0.18	0.29	
YF0818UIL	8	10.00	0.71	0.19	0.18	0.29	YF261CSKIT with YF864D die
YF0612UIL	6	16.00	0.47	0.24	0.23	0.30	
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.

Bare Ferrules for Copper Conductor

TYPE YF-UIL (Continued)

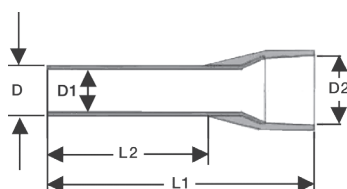


Catalog Number	Wire Size		Dimensions in Inches				Recommended Tooling
	AWG	mm ²	L1 Dim (in)	D Dim (in)	D1 Dim (in)	D2 Dim (in)	
YF0412UIL *	4	25.00	0.47	0.31	0.29	0.38	YF261CSKIT with YF864D die
YF0415UIL	4	25.00	0.59	0.31	0.29	0.38	
YF0418UIL	4	25.00	0.70	0.31	0.29	0.38	
YF0420UIL	4	25.00	0.79	0.31	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

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

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

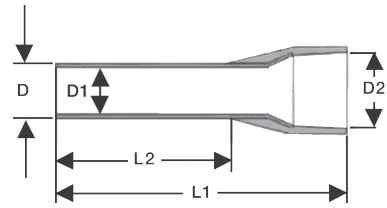
W Series	D Series	T Series	Wire Size		Dimensions in Inches					Bag Qty	Tooling
			AWG	mm ²	L1 (in)	L2 (in)	D (in)	D1 (in)	D2 (in)		
YF2406IWL Turquoise	—	YF2406ITL Pink	24	0.34	0.40	0.31	0.04	0.03	0.08	500	YF268CFSL
YF2408IWL Turquoise	—	YF2408ITL Pink	24	0.34	0.48	0.31	0.04	0.03	0.08	500	YF261CSKIT 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.

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

TYPE YF-I-L Series W, D, & T (Continued)



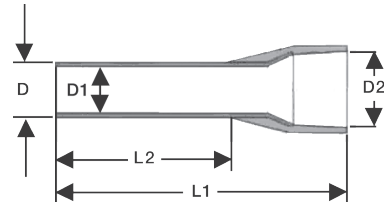
W Series	D Series	T Series	Wire Size		Dimensions in Inches					Bag Qty	Tooling
			AWG	mm ²	L1 (in)	L2 (in)	D (in)	D1 (in)	D2 (in)		
YF1606IWL * Red	YF1606IDL * Black	YF1606ITL * Black	16	1.50	0.48	0.24	0.08	0.07	0.14	500	YF261CSKIT with YF2610D die YF2210FL†
YF1608IWL Red	YF1608IDL Black	YF1608ITL Black	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	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.

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 81K Series
—	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

Covered Twin Ferrules for Copper Conductor Series D

TYPE YFTW-IDL Series D Covered Twin Ferrules

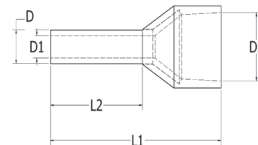


For Use on Copper Conductor

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
	D Series	AWG	mm ²	L1 Dim (in)	L2 Dim (in)	D Dim (in)	D1 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

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 with Installation Tools

Small Terminal Kits 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	—

Heat Shrink Insulated Connectors and Installation Tool Kit

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				

Small Terminal Die Index - Bare Connectors

Small Terminal Die Index - Bare Connectors

Insulation	Die Index	Wire Range	Y10D	M8ND	MR8G98	MR20	MRE1022B	Y8MRB1	MR89Q
Bare	B1	22-10	NONE						
	B2	22-18		N14HT5 Groove 18					
	B3	22-18							Groove 18
	B4	22-18			Groove 18				
	B5	22-10							
	B6	22-14			N14HT Groove 18				
	B7	20-14			N14HT5 Groove 14				
	B8	20-14				Groove 14			
	B9	20-14							Groove 14
	B10	22-14					Groove 22-14		
	B11	22-14						BECB Groove 22-14	
	B12	22-14							
	B13	14-12			N14HT Groove 14				
	B14	22-18							Groove 18
	B15	20-14							Groove 14
	B16	12-10				Groove 10			
	B17	12-10			N10HT24 Groove 12-10				
	B18	12-10							Groove 10
	B19	9							Groove 10
	B20	12-10							Groove 10
	B21	12-10					Groove 12-10	BECB Groove 12-10	
	B22	12-10							

Small Terminal Die Index Table - Bare Connectors

Connector	Die Index																					
	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22
Connectors																						
YAD18	UL			UL	UL					UL	UL	UL		UL								
YAD14	UL				UL			UL		UL	UL	UL		UL	UL							
YAD10	UL				UL											UL				UL	UL	UL
YAV18	Not UL		UL	UL						UL	UL			UL								
YAV14	Not UL				UL			UL	UL	UL	UL			UL								
YAV12	Not UL												Not UL		UL							
YAV10	Not UL				UL											UL		QPL		UL	UL	
YAV9																			UL	UL		
YAV18H	Not UL	Not UL	UL	UL	UL	Not UL				UL	UL			UL								
YAV14H	Not UL				UL		Not UL	UL	UL	UL	UL		Not UL		UL							
YAV10H	Not UL				UL											UL	Not UL	Not UL		UL		
YAV18R	Not UL		Not UL	Not UL	Not UL					Not UL	Not UL			Not UL								
YAV14R	Not UL				Not UL			Not UL	Not UL	Not UL	Not UL			Not UL								
YAV10R	Not UL				Not UL											Not UL		Not UL			Not UL	
YAD18F	UL			UL	UL					UL	UL	UL		UL	UL							
YAD14F	UL				UL			UL		UL	UL	UL		UL	UL							
YAD10F	UL				UL											UL				UL	UL	UL
YAV18TF	Not UL		UL	UL						UL	UL			UL								
YAV14TF	Not UL			Not UL	UL			UL	UL	UL	UL			UL	UL							
YAV10TF	Not UL				UL											UL		Not UL		UL	UL	
T16LF	Not UL				Not UL					Not UL	Not UL	Not UL		Not UL								
T14LF	Not UL				Not UL			Not UL		Not UL	Not UL	Not UL		Not UL		Not UL						
T10LF	Not UL				Not UL											Not UL				Not UL	Not UL	Not UL
YAV18HF	Not UL	Not UL	Not UL	Not UL	Not UL	Not UL				Not UL				Not UL								
YAV14HF	Not UL	Not UL	Not UL	Not UL	Not UL		Not UL	Not UL	Not UL	Not UL				Not UL	Not UL							
YAV10HF	Not UL				Not UL			Not UL	Not UL	Not UL				Not UL	Not UL			Not UL				

Not UL Listed	Not UL Listed
UL Listed	UL Listed
QPL Class 2	QPL Class 2

Small Terminal Die Index Table - Bare Connectors

Connector	Die Index																					
	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22
Quick Disconnects																						
Q18M	■				■					■	■											
Q14M	■				■					■	■											
Q10M	■				■																■	
Q18F	■									■	■											
Q14F	■									■	■											
Q10F	■																				■	
PG18	■				■						■											
PG14	■				■						■											
PG10	■				■																	■
Splices																						
YSV18B	■		■	■	■					■	■			■								
YSV14B	■				■			■	■	■	■				■							
YSV10B	■				■											■		■		■	■	■
YSV18	■		■	■	■					■	■	■	■		■							
YSV14	■				■			■	■	■	■	■			■							
YSV10	■				■											■		■		■	■	■
YSV18H	■		■	■	■					■	■	■	■		■							
YSV14H	■				■			■	■	■	■	■			■							
YSV10H	■				■											■		■		■	■	■

Not UL Listed	■
UL Listed	■
QPL Class 2	■

Small Terminal Die Index - Nylon Connectors

Small Terminal Die Index - Nylon Connectors

Insulation	Die Index	Wire Range	MR883	M8ND	MR18	Y10MRS A1 Y6NCP1 Y6NCB	Y6NCP1SD	MRE1022NV	Y10D	MR81A	MR833T1	
NYLON	N1	22-14										
	N2	22-16								Black Groove		
	N3	26-14										
	N4	12-10										
	N5	16-14								Red Groove		
	N6	14-12								Blue Groove		
	N7	26-19	Groove 18-22 (Red)									
	N8	26-20		N14HET25V1								
	N9	22-14		N14HET25V1								
	N10	22-18						BECNV Groove 18-22 (Red)				
	N11	22-18				J1022NC2 Groove 18-22 (Red)						
	N12	22-18										
	N13	22-18										
	N14	22-18										Groove 18-22 (Red)
	N15	22-18										
	N16	22-18		N14HET15								
	N17	22-18						BECNVSD Groove 18-22 (Red)				
	N18	22-18				J1022NC3 Groove 18-22 (Red)						
	N19	22-18			Groove 18-22 (Red)							
	N20	12-10									Yellow Groove	
	N21	16-14							BECN Groove 16-14 (Blue)			
	N22	22-14		N10ET9								
	N23	22-14		N10ET23								
	N24	22-10								INSJUL		
	N25	16-14			Groove 16-14 (Blue)	J1022NC3 Groove 16-14 (Blue)						
	N26	16-14						BECNVSD Groove 16-14 (Blue)				
	N27	12-10										
	N28	16-14										
	N29	16-14										
	N30	16-14		N14HET15								
	N31	16-14										Groove 16-14 (Blue)

Small Terminal Die Index - Nylon Connectors

Small Terminal Die Index - Nylon Connectors (Continued)

Insulation	Die Index	Wire Range	MR410M	MR885	MRE1422FLN	MR8D94	OEM175TFM
NYLON	N1	22-14			Red Groove		
	N2	22-16					
	N3	26-14					
	N4	12-10			Blue Groove		
	N5	16-14					
	N6	14-12					
	N7	26-19					
	N8	26-20					
	N9	22-14					
	N10	22-18					
	N11	22-18					TFM2218NV
	N12	22-18					TFM2218NV
	N13	22-18				Groove 18-22 (Red)	
	N14	22-18					
	N15	22-18			Red Groove		
	N16	22-18					
	N17	22-18					
	N18	22-18					
	N19	22-18					
	N20	12-10					
	N21	16-14					
	N22	22-14					
	N23	22-14					
	N24	22-10					
	N25	16-14					
	N26	16-14					
	N27	12-10					
	N28	16-14			Blue Groove		
	N29	16-14	Groove 12-10				
	N30	16-14					
	N31	16-14					

Small Terminal Die Index - Nylon Connectors

Small Terminal Die Index - Nylon Connectors (Continued)

Insulation	Die Index	Wire Range	MR883	M8ND	MR18	Y10MRS1 Y6NCP1 Y6NCB	Y6NCP1SD	MRE1022NV	Y10D	MR81A	MR833T1
Nylon	N32	16-13	Groove 16-14 (Blue)								
	N33	16-14									
	N34	12-10									
	N35	12-10									
	N36	6									
	N37	12-10				J1022NC2 Groove 12-10 (Yellow)					
	N38	12-10					BECNV Groove 12-10 (Yellow)				
	N39	12-10		N10ET9							
	N40	12-10		N12HET1							
	N41	12-10		N10ET23							
	N42	12-10									
	N43	12-10									Groove 12-10 (Yellow/ Green)
	N44	12-10		N10HET15							
	N45	12-10	Groove 12-10 (Yellow)								
	N46	12-10			Groove 12-10 (Yellow)						

Small Terminal Die Index - Nylon Connectors

Small Terminal Die Index - Nylon Connectors (Continued)

Insulation	Die Index	Wire Range	MR410M	MR885	MRE1422FLN	MR8D94	OEM175TFM
Nylon	N32	16-13					
	N33	16-14					TFM1614NV
	N34	12-10					TFM1210NV
	N35	12-10				Groove 12-10 (Yellow)	
	N36	6	Groove 6				
	N37	12-10					
	N38	12-10					
	N39	12-10					
	N40	12-10					
	N41	12-10					
	N42	12-10	Groove 8	Yellow Groove			
	N43	12-10					
	N44	12-10					
	N45	12-10					
N46	12-10						

Small Terminal Die Index Table - Nylon Connectors

Connector	Die Index																					
	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12	N13	N14	N15	N16	N17	N18	N19	N20	N21	N22
Connectors																						
YAES18N			Green				Orange			Green	Green						Green	Green	Green			
YAES14N			Green																		Green	
YAES10N																						
YAE22G		Purple						Orange					Blue									
YAE18N		Blue	Green				Green		Blue	Green				Green		Blue					Green	Blue
YAE14N			Green		Blue				Blue												Green	Blue
YAE12N						Blue																
YAE10N																						
YAEV18										Blue			Blue									
YAEV14																					Blue	
YAEV10																						
YAES18F			Green				Orange			Green	Green	Green					Green	Green	Green			
YAES14F			Green																		Green	
YAES10F																						
TN20-F								Blue														
YAE22NF								Blue				Green										
YAE18NF			Green				Green		Blue		Green	Green	Green		Blue						Green	Blue
YAE14NF			Green						Blue												Green	Blue
YAE10NF																						
TN18LF			Blue				Blue			Blue												
TN14LF			Blue																		Blue	
TN10LF																						
YAE18NLF			Blue				Blue			Blue												
YAE14NLF			Blue																		Blue	
YAE10NLF																						
TN18BF		Blue	Blue						Blue	Blue					Blue					Blue	Blue	Blue
TN14BF		Blue	Blue		Blue				Blue	Blue											Blue	Blue
TN10BF																						
YAE18NBF		Blue	Blue						Blue	Blue				Blue		Blue				Blue	Blue	Blue
YAE14NBF		Blue	Blue		Blue				Blue	Blue											Blue	Blue
YAE10NBF																						
YAE22Z			Blue					Blue	Blue	Blue				Blue		Blue						Blue
YAE18Z			Green				Green		Blue	Green				Green		Blue					Green	Blue
YAE14Z			Green																		Green	
YAE12Z																						

Not UL Listed	Blue
UL Listed	Green
QPL Class 2	Orange
CSA Only	Purple

Small Terminal Die Index Table - Nylon Connectors

Connector	Die Index																					
	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12	N13	N14	N15	N16	N17	N18	N19	N20	N21	N22
Quick Disconnects																						
QN18M			■							■												
QN14M			■																		■	
QN10M			■																			
QN18F			■							■												
QN14F			■																		■	
QN10F			■																			
FQN18F			■							■												
FQN14F			■																		■	
FQN10F			■																			
FQN18M			■							■												
FQN14M			■																		■	
FQN10M			■																			
PGN18										■												
PGN14																					■	
PGN10																						
FLN18	■									■												
FLN14	■																				■	
FLN10				■																		
Splices																						
YSE18H			■							■				■								
YSE14H			■																		■	
YSE10H			■																			
SN18B			■							■				■								
SN14B			■																		■	
SN10B			■																			
YSE18HN (SN18)			■					■		■				■				■				
YSE14HN (SN14)			■																		■	
YSE10HN (SN10)			■																			

Not UL Listed	■
UL Listed	■
QPL Class 2	■
CSA Only	■

Small Terminal Die Index Table - Nylon Connectors

Connector	Die Index																								
	N23	N24	N25	N26	N27	N28	N29	N30	N31	N32	N33	N34	N35	N36	N37	N38	N39	N40	N41	N42	N43	N44	N45	N46	
Connectors																									
YAES18N		UL																							
YAES14N		UL	UL	UL				UL	UL	QPL	UL	UL													
YAES10N		UL			UL						UL		UL	UL	UL						QPL			UL	
YAE22G																									
YAE18N	QPL	UL																							
YAE14N	QPL	UL						UL	UL																
YAE12N		UL						UL	UL						UL		UL								
YAE10N	QPL	UL			UL										UL	UL						UL	UL		
YAEV18																									
YAEV14								UL	UL																
YAEV10								UL					UL			UL	UL						UL		
YAES18F		UL																							
YAES14F		UL	UL	UL				UL	UL	UL	UL	UL													
YAES10F		UL			UL							UL		UL	UL	UL						UL		UL	
TN20-F																									
YAE22NF																									
YAE18NF	UL	UL																							
YAE14NF	QPL	UL						UL	UL																
YAE10NF	QPL	UL			UL							UL			UL	UL		UL				UL	UL		
TN18LF		UL																							
TN14LF		UL									UL														
TN10LF		UL			UL											UL								UL	
YAE18NLF		UL																							
YAE14NLF		UL									UL														
YAE10NLF		UL			UL										UL	UL							UL	UL	
TN18BF	UL	UL																							
TN14BF	UL	UL																							
TN10BF		UL			UL											UL	UL		UL						
YAE18NBF	UL	UL									UL														
YAE14NBF	UL	UL									UL														
YAE10NBF		UL			UL										UL	UL			UL				UL	UL	
YAE22Z	UL	UL																							
YAE18Z	UL	UL																							
YAE14Z		UL							UL	UL							UL		UL						
YAE12Z		UL			UL											UL		UL				UL			

Not UL Listed	UL
UL Listed	UL
QPL Class 2	QPL
CSA Only	UL

Small Terminal Die Index Table - Nylon Connectors

Connector	Die Index																							
	N23	N24	N25	N26	N27	N28	N29	N30	N31	N32	N33	N34	N35	N36	N37	N38	N39	N40	N41	N42	N43	N44	N45	N46
Quick Disconnects																								
QN18M																								
QN14M																								
QN10M																								
QN18F																								
QN14F																								
QN10F																								
FQN18F																								
FQN14F																								
FQN10F																								
FQN18M																								
FQN14M																								
FQN10M																								
PGN18																								
PGN14																								
PGN10																								
FLN18																								
FLN14																								
FLN10																								
Splices																								
YSE18H																								
YSE14H																								
YSE10H																								
SN18B																								
SN14B																								
SN10B																								
YSE18HN (SN18)																								
YSE14HN (SN14)																								
YSE10HN (SN10)																								

Not UL Listed	
UL Listed	
QPL Class 2	
CSA Only	

Small Terminal Die Index - Vinyl Connectors

Small Terminal Die Index - Vinyl Connectors

Insulation	Die Index	Wire Range	Y6NCP1 Y10MRSAI Y6NCB	MR15	MR8891	MR8G96	M8ND
Vinyl	V1	22 - 16			Groove 16-22		
	V2	16 - 14			Groove 14-16		
	V3	12 - 10			Groove 10-12		
	V4	22 - 16	J1022NC4 Groove 18-22 (Red)	Groove 18-22 (Red)			
	V5	22 - 16				Groove 16-22	
	V6	16 - 14	J1022NC4 Groove 16-14 (Blue)	Groove 16-14 (Blue)			
	V7	16 - 14				Groove 14-16	
	V8	12 - 10	J1022JNC4 Groove 12-10 (Yellow)	Groove 12-10 (Yellow)			
	V9	12 - 10					N10HET23

Small Terminal Die Index Table - Vinyl Connectors

Connector	Die Index																				
	V1	V2	V3	V4	V5	V6	V7	V8	V9	B4	B8	B16	N3	N10	N12	N21	N24	N27	N33	N34	N38
Connectors																					
BA16E	UL			UL	Not UL	UL							UL	UL	UL		UL				
BA14E		UL					Not UL						UL	UL		UL	UL		UL		
BA10E			UL					UL	UL								UL	UL		UL	UL
BA16EF	UL			UL									UL	UL	UL						
BA14EF		UL				UL							UL			UL		UL			
BA10EF			UL					UL									UL		UL	UL	UL
BA16EL	UL			UL									UL	UL							
BA14EL		UL				UL							UL			UL					
BA10EL			UL					UL									UL				UL
TP16BF	Not UL			Not UL	Not UL								Not UL	Not UL							
TP14BF		Not UL				Not UL	Not UL						Not UL			Not UL					
TP10BF			Not UL					Not UL									UL		Not UL		Not UL
BA16EZ				Not UL									Not UL	Not UL							
BA14EZ						Not UL							Not UL			Not UL		Not UL			Not UL
BA10EZ								Not UL	Not UL								UL		Not UL		Not UL
PTV18													Not UL	Not UL							
PTV14													Not UL			Not UL					
PTV10																	UL				UL
Quick Disconnects																					
QP18M													Not UL	UL			Not UL				
QP14M													Not UL			UL	Not UL				
QP10M																Not UL	Not UL				UL
QP18F													UL			Not UL					
QP14F														UL		Not UL					
QP10F																Not UL					UL
FQP18F													Not UL	UL							
FQP14F													Not UL			UL					
FQP10F																	Not UL				UL
PGP18													Not UL	Not UL			Not UL				
PGP14													Not UL			Not UL	Not UL				
PGP10																					Not UL
Splices																					
SP16	UL			UL						Not UL			UL	UL			UL				
SP14		UL				UL					Not UL		UL			UL					
SP10			UL					UL				Not UL					UL	UL			UL

Not UL Listed	Not UL Listed
UL Listed	UL Listed

Mylar-Mounted Ring Terminals

Mylar Mounted Ring Terminals

Most Mylar-Mounted terminals are 2000 pieces per reel. This list is subject to change.

For more information and availability for Mylar-Mounted Terminals, please contact Customer Service.

Features & Benefits

- Terminals banded together on mylar carrier strip for high volume crimping
- Meets IEA-468-B standard
- Can be integrated with fully autonomous wire harness machines
- Packaged 2000 per reel

Wire Size	Stud Size	Rings		
		Non-Insulated	Vinyl	Nylon
#22 - #16	2	—	—	YAE18N27M
	4	YAD184M	BA16E4M	YAE18N26M
	6	YAD186M	BA16E6M	YAE18N21M
	8	YAD188M	BA16E8M	YAE18N1M
	10	YAD1810M	BA16E10M	YAE18NM
	1/4	YAD1814M	BA16E14M	YAE18N2M
	5/16	—	—	YAE18N3M
#16 - #14	6	YAD146M	BA14E6M	YAE14N43M
	8	YAD148M	BA14E8M	YAE14N1M
	10	YAD1410M	BA14E10M	—
	1/4	YAD1414M	BA14E14M	YAE14N2M
	5/16	—	BA14E516M	YAE14N3M
#10 - #12	6	YAD106M	BA10E6M	YAE10N5M
	8	YAD108M	BA10E8M	YAE10N11M
	10	YAD1010M	BA10E10M	YAE10NM
	1/4	YAD1014M	BA10E14M	YAE10N3M
	5/16	YAD10516M	—	YAE10N2M
	3/8	YAD1038M	—	—

Mylar-Mounted Fork Terminals

Mylar Mounted Fork Terminals

Most Mylar-Mounted terminals are 2000 pieces per reel. This list is subject to change.

For more information and availability for Mylar-Mounted Terminals, please contact Customer Service.

Features & Benefits

- Terminals banded together on mylar carrier strip for high volume crimping
- Meets IEA-468-B standard
- Can be integrated with fully autonomous wire harness machines
- Most Packaged 2000 per reel (• 1000 per reel)

Wire Size	Stud Size	Standard Forks			Locking Forks	Flanged Forks	
		Non-Insulated	Vinyl	Nylon	Vinyl	Vinyl	Nylon
#22 - #16	2	—	BA16EF2M	—	—	BA16EZ2M	YAE18Z1M
	6	YAD186FM	BA16EF6M	YAE18G43FM	BA16EL6M	BA16EZ6M	YAE18Z2M
	8	—	BA16EF8M	YAE18N57FM	BA16EL8M	BA16EZ8M	YAE18Z3M
	10	—	BA16EF10M	—	BA16EL10M	BA16EZ10M	YAE18Z4M
#16 - #14	6	YAD146FM	—	YAE14N76FM	BA14EL6M	BA14EZ6M	YAE14Z2M
	8	—	BA14EF8M	YAE14N77FM	BA14EL8M	BA14EZ8M	YAE14Z3M
	10	—	BA14EF10M	YAE14N78FM	BA14EL10M	BA14EZ10M	YAE14Z4M
#10 - #12	6	YAD106FM	BA10EF6M	—	BA10EL6M	—	YAE12Z2M•
	8	YAD108FM	BA10EF8M	—	BA10EL8M	BA10EZ8M	YAE12Z3M•
	10	YAD1010FM	BA10EF10M	—	BA10EL10M	BA10EZ10M	YAE12Z4M•
	1/4	YAD1014FM	—	—	—	—	—

