



Small HYDENT™ Catalog

Connecting Power to Your World™



BURNDY: American-Based With a Global Reach

Since our founding in 1924, BURNDY has maintained a strong commitment to the American manufacturing industry. Today, BURNDY is based in Manchester, New Hampshire, and operates three manufacturing sites throughout the American Northeast (in Littleton and Lincoln, New Hampshire, and Bethel, Connecticut). At the same time, we know a successful business is a global one. That's why we also staff:

- Two additional overseas manufacturing sites
- 1,200-plus employees, including more than 125 BURNDY® Factory Direct Sales Representatives and top manufacturers representatives
- 20 fully equipped demonstration trucks in the United States, Canada, and Mexico

Acquired by Hubbell Incorporated in October 2009, BURNDY serves the commercial and industrial as well as the electric utility markets.



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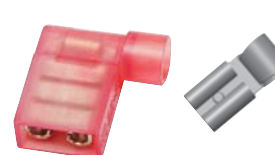
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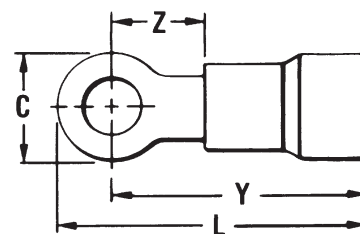
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TYPE TP

VINYLUG™

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



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

Features & Benefits

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



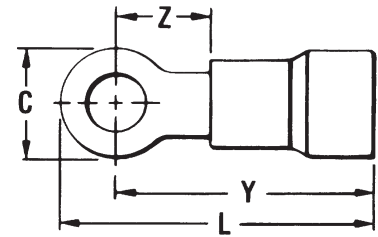
Catalog Number	Wire Range (AWG/kcmil)	Stud Size	Dimensions				Installation Tooling	Wire Strip Length
			C	L	Y	Z		
TP16-4	22-16 Max. Insul. Dia. Accom.: 145 Color Code: Red	#3-#4	.22	.71	.61	.17	Plier Type: Y10D, Y10-22 or Ratchet Tool: MRE1022NV, MR8-89-1, MR8-G96, MR15	13/64
TP16-6		#4-#6	.25	.74	.62	.18		13/64
TP16-8		#6-#8	.31	.85	.70	.26		13/64
TP16-10		#8-#10	.31	.85	.70	.26		13/64
TP16-14		#12-1/4	.40	.99	.79	.36		13/64
TP16-516*		5/16	.47	1.11	.88	.41		13/64
TP16-38		3/8	.53	1.15	.88	.45		13/64
TP14-4	16-14 Max. Insul. Dia. Accom.: 180 Color Code: Blue	#4	.22	.53	.61	.17	Plier Type: Y10D, Y10-22 or Ratchet Tool: MRE1022NV, MR8-89-1, MR8-G96, MR15	13/64
TP14-6		#4-#6	.25	.74	.62	.18		13/64
TP14-8		#6-#8	.31	.85	.70	.26		13/64
TP14-10		#8-#10	.31	.85	.70	.26		13/64
TP14-14		#12-1/4	.40	.99	.79	.36		13/64
TP14-516		5/16	.53	1.15	.88	.45		13/64
TP14-38		3/8	.53	1.15	.88	.45		13/64
TP10-6	12-10 Max. Insul. Dia. Accom.: 260 Color Code: Yellow	#4-#6	.31	.68	.75	.20	Plier Type: Y10D, Y10-22 or Ratchet: MR8-89-1, MR15, M8ND w/N10HET-23	19/64
TP10-8		#6-#8	.36	1.00	.81	.26		19/64
TP10-10		#8-#10	.36	1.00	.81	.26		19/64
TP10-14		#12-1/4	.53	1.22	.95	.40		19/64
TP10-516		5/16	.53	1.22	.95	.42		19/64
TP10-38		3/8	.53	1.27	1.00	.45		19/64
TP10-12*		1/2	.69	1.51	1.17	.61		19/64

* Not UL Listed or CSA Certified.

TYPE TN

INSULUG™

Terminal - Nylon Insulated,
Ring Tongue
300 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

- An integral one-piece copper barrel /insulation grip and wire strain relief design
 - ◇ Provides improved physical strength characteristics over a multi-piece design
- Manufactured of pure electrolytic copper
 - ◇ Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties
- Brazed seam
 - ◇ Provides a stronger barrel design to minimize any possible splitting and eliminates folding
- Deep inner barrel serrations
 - ◇ Provides excellent electrical conductivity and pullout strength values
- Smooth funnel entry
 - ◇ Easy wire insertion
- The insulation is locked in place
 - ◇ Will not twist off, thereby maintains proper dielectric values
- Electro-tin plated
 - ◇ Provides durable long-lasting resistance to corrosion
- Two or more terminals may be stacked on a common stud easily
 - ◇ Provides flexibility and versatility

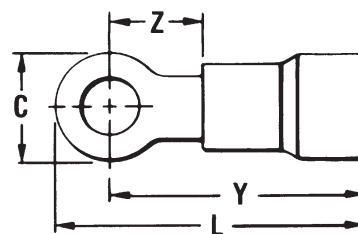
Catalog Number	Wire Range (AWG/kcmil)	Stud Size	SAE-25036	Dimensions				Installation Tooling	Wire Strip Length
				C	L Max.	Y Max.	Z Max.		
TN18-4	22-18 Max. Insul. Dia. Accom.: .120 Color Code: Red	#3-#4	148	.23	.76	.64	.20	Non-Ratchet: Y10D, Y1022 Ratchet: MRE1022NV, MR8-83	7/32
TN18-6		#4-#6	102	.25	.87	.74	.29		7/32
TN18-6G1*		#4-#6	102	.25	.87	.74	.49		7/32
TN18-8		#6-#8	149	.31	.91	.76	.29		7/32
TN18-10		#8-#10	103	.31	.91	.76	.29		7/32
TN18-14		#12-1/4	150	.46	1.09	.87	.41		7/32
TN18-516		5/16	104	.46	1.09	.87	.41		7/32
TN18-38		3/8	105	.53	1.17	.91	.45		7/32
TN14-4	16-14 Max. Insul. Dia. Accom.: .153 Color Code: Blue	#3-#4	152	.25	.79	.67	.24	Non-Ratchet: Y10D, Y1022 Ratchet: MRE1022NV, MR8-83	7/32
TN14-6		#4-#6	106	.25	.79	.67	.24		7/32
TN14-6G1*		#4-#6	107	.30	1.32	.76	.51		7/32
TN14-8		#6-#8	153	.31	.89	.74	.31		7/32
TN14-10		#8-#10	108	.31	.89	.74	.31		7/32
TN14-14		#12-1/4	154	.45	1.08	.86	.43		7/32
TN14-516		5/16	109	.45	1.08	.86	.43		7/32
TN14-38		3/8	110	.53	1.16	.90	.47		7/32
TN10-6	12-10 Max. Insul. Dia. Accom.: .210 Color Code: Yellow	#4-#6	111	.37	1.12	.94	.26	Non-Ratchet: Y10D, Y1022 Ratchet: MRE1022NV, MR8-83	11/32
TN10-8		#6-#8	156	.37	1.12	.94	.26		11/32
TN10-10		#8-#10	112	.37	1.12	.94	.26		11/32
TN10-14		#12-1/4	157	.53	1.32	1.06	.37		11/32
TN10-516		5/16	113	.53	1.32	1.06	.37		11/32
TN10-38		3/8	114	.58	1.34	1.05	.40		11/32
TN10-12*		1/2	—	.69	1.51	1.18	.61		11/32

* Not UL Listed or CSA Certified.

TYPE YAE-N

INSULUG™

Terminal - Nylon Insulated,
Ring Tongue Multi-Finger
Insulation Grip
300 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
- Provides stronger more durable termination
- Manufactured of pure electrolytic copper
- Provides maximum conductivity, low resistance and ductility for excellent crimp forming properties

- Deep V groove, inner barrel serrations
- Provide optimum conductivity, reliability, and holding power
- Smooth funnel entry
- Easy wire insertion



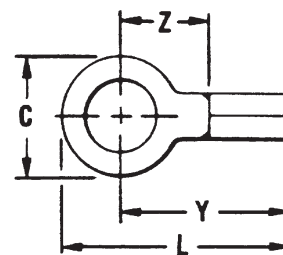
Catalog Number	Wire Range	Stud Size	***SAE-AS25036	Dimensions				Installation Tooling	Wire Strip Length
				C	L Max.	Y Max.	Z Min.		
YAE18N26BOX	22 - 16	#4	—	.22	.78	.70	.19	MR8-1A, MR8-33T-1 (no extra dies required) M8ND with one of the following dies: N14HET-25V1, N10ET-9, N14HET-15, N10ET-23 or Y10D Y10-22	3/16"
YAE18N21BOX	22 - 16	#4-#6	102	.25	.89	.77	.28		
YAE18N24BOX	22 - 16	#6-#8	—	.28	.90	.77	.28		
YAE18NBOX	22 - 16	#8-#10	103	.31	.92	.77	.28		
YAE18N2BOX	22 - 16	1/4	150	.45	1.10	.88	.40		
YAE18N3BOX	22 - 16	5/16	104	.45	1.11	.88	.40		
YAE18N15BOX	22 - 16	3/8	105	.53	1.19	.93	.43		
YAE14N43BOX	16 - 14	#4-#6	106, 107	.25	.82	.69	.21	MR8-1A, MR8-33T-1 (no extra dies required) M8ND with one of the following dies: N14HET-25V1, N10ET-9, N14HET-15, N10ET-23 or Y10D Y10-22	3/16
YAE14N1BOX	16 - 14	#6-#8	153	.31	.92	.75	.28		
YAE14NBOX	16 - 14	#8-#10	108	.31	.92	.75	.28		
YAE14N2BOX	16 - 14	1/4	154	.45	1.11	.88	.40		
YAE14N3BOX	16 - 14	5/16	109	.45	1.11	.88	.40		
YAE14N4BOX	16 - 14	3/8	110	.53	1.19	.93	.45		
YAE12N9BOX	14 - 12	#6-#8	—	.31	1.06	.90	.29	MR8-1A, MR8-33T-1 (no extra dies required) Y10D M8ND with N12HET-1	21/64
YAE12N1BOX	14 - 12	#6-#8	—	.31	1.06	.90	.29		
YAE12N2BOX	14 - 12	1/4	—	.45	1.25	1.02	.40		
YAE12N7BOX	14 - 12	#5	—	.31	1.06	.90	.29		
YAE12NBOX	14 - 12	#8-#10	—	.31	1.06	.90	.29	MR8-33T-1 (no extra dies required) M8ND with one of the following dies: N10HET-15, N10ET-9, N10ET-23 Y10D Y10-22	3/8
YAE10N5BOX	12 - 10	#4-#6	111	.38	1.15	.96	.28		
YAE10N11BOX	12 - 10	#6-#8	156	.38	1.17	.98	.30		
YAE10NBOX	12 - 10	#8-#10	112	.38	1.15	.96	.28		3/8"
YAE10N3BOX	12 - 10	1/4	157	.54	1.39	1.12	.44		
YAE10N2BOX	12 - 10	5/16	113	.54	1.39	1.12	.44		
YAE10N4BOX	12 - 10	3/8	114	.54	1.39	1.12	.44		
YAE10N79BOX*	12 - 10	1/2	—	.72	1.50	1.20	.58		

* Not UL Listed or CSA Certified.

TYPES T

HYLUG™

Uninsulated Compression Ring Tongue Terminal



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

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

Features & Benefits

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

- Wire range is clearly marked on terminal
 - ◇ Provides easy identification
- Inspection hole
 - ◇ Provides an easy visual check of wire insertion
- Long neck terminal
 - ◇ Permits easy bending and stacking of several terminals on a common stud



Catalog Number	Wire Range (AWG/kcmil)	Stud Size	Dimensions				Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.		
T18-4	20-18	#3-#4	.25	.65	.53	.24	Non-Ratchet: Y10D, Y10-22 Ratchet: MRE1022B, MR8G98, Y8MRB-1, MR20	9/32
T18-6	20-18	#4-#6	.25	.65	.53	.24		
T18-8	20-18	#6-#8	.31	.77	.61	.33		
T18-10	20-18	#8-#10	.31	.77	.61	.33		
T18-14	20-18	1/4	.45	.96	.73	.44		
T18-516	20-18	5/16	.45	.96	.73	.44		
T18-38	20-18	3/8	.53	1.05	.78	.49		
T14-4	20-14	#3-#4	.25	.67	.55	.26	Non-Ratchet: Y10D, Y10-22 Ratchet: MRE1022B, MR8G98, Y8MRB-1, MR20	9/32
T14-6	20-14	#4-#6	.25	.67	.55	.26		
T14-8	20-14	#6-#8	.31	.77	.61	.33		
T14-10	20-14	#8-#10	.31	.77	.61	.33		
T14-14	20-14	1/4	.45	.96	.73	.44		
T14-516	20-14	5/16	.45	.96	.73	.44		
T14-38	20-14	3/8	.53	1.05	.78	.49		11/32
T10-6	12-10	#4-#6	.37	.83	.64	.29	Non-Ratchet: Y10D, Y10-22 Ratchet: MRE1022B, MR8G98, Y8MRB-1, MR20	11/32
T10-8	12-10	#6-#8	.37	.83	.64	.29		
T10-10	12-10	#8-#10	.37	.83	.64	.29		
T10-14	12-10	1/4	.46	.97	.74	.39		
T10-516	12-10	5/16	.53	1.02	.76	.41		
T10-38	12-10	3/8	.58	1.08	.79	.44		
T10-12*	12-10	1/2	.69	1.21	.86	.61		

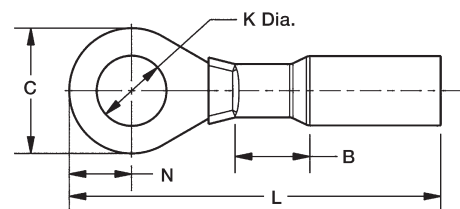
* Not UL Listed or CSA Certified.

TYPE YHSA

HYDENT™ HEAT SHRINK RING

For Use on Copper Conductor

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



Features & Benefits

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

Catalog No. (100/bag)	Catalog No. (20/bag)	Stud Size	Conductor Size	Dimensions						Installation Tooling	Wire Strip Length
				B	C	K	L	N	Tongue Thickness		
YHSA18K6	YHSA18K6RK	4-6	22-18 AWG	.22	.29	.14	1.18	.14	.03	MR22	5/16
YHSA18K8	YHSA18K8RK	6-8	22-18 AWG	.22	.32	.17	1.18	.17	.03	MR22	
YHSA18K10	YHSA18K10RK	8-10	22-18 AWG	.22	.32	.20	1.18	.33	.03	MR22	
YHSA18K14	YHSA18K14RK	1/4	22-18 AWG	.22	.47	.27	1.40	.38	.03	MR22	
YHSA18K516	YHSA18K516RK	5/16	22-18 AWG	.22	.47	.33	1.40	.23	.04	MR22	
YHSA18K38	YHSA18K38RK	3/8	22-18 AWG	.22	.56	.40	1.45	.28	.03	MR22	
YHSA14K6	—	4-6	16-14 AWG	.22	.30	.14	1.18	.15	.04	MR22	5/16
YHSA14K8	YHSA14K8RK	6-8	16-14 AWG	.22	.32	.17	1.18	.16	.03	MR22	
YHSA14K10	YHSA14K10RK	8-10	16-14 AWG	.22	.32	.20	1.18	.17	.03	MR22	
YHSA14K14	YHSA14K14RK	1/4	16-14 AWG	.22	.47	.26	1.40	.23	.03	MR22	
YHSA14K516	—	5/16	16-14 AWG	.22	.47	.33	1.35	.23	.04	MR22	
YHSA14K38	YHSA14K38RK	3/8	16-14 AWG	.22	.56	.40	1.45	.28	.03	MR22	
YHSA10K6	—	4-6	12-10 AWG	.22	.34	.14	1.15	.17	.04	MR22	5/16
YHSA10K8	—	6-8	12-10 AWG	.22	.34	.17	1.15	.17	.04	MR22	
YHSA10K10	YHSA10K10RK	8-10	12-10 AWG	.22	.34	.20	1.15	.18	.04	MR22	
YHSA10K14	YHSA10K14RK	1/4	12-10 AWG	.22	.56	.26	1.45	.15	.04	MR22	
YHSA10K516	—	5/16	12-10 AWG	.22	.56	.34	1.45	.28	.04	MR22	
YHSA10K38	YHSA10K38RK	3/8	12-10 AWG	.22	.56	.40	1.45	.28	.04	MR22	
YHSA10K12	YHSA10K12RK	1/2	12-10 AWG	.22	.69	.53	1.69	.36	.04	MR22	

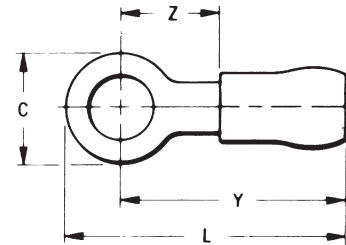
TYPE YAES-K

INSULUG™

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

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

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

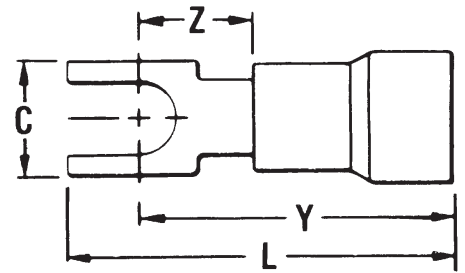
TYPE YAES-K (continued)

Catalog No.	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.: .120 Color Code: Red	.23	.76	.64	.29	Ratchet Tool: MR10G6 Crimp Mark: (1) Small Dot Red Groove Calibration Gauge: PG-373-1	7/32
YAES18K2	#6		.25	.87	.74	.29		
YAES18K49	#8		.31	.91	.76	.29		
YAES18K3	#10		.31	.91	.76	.29		
YAES18K50	1/4		.46	1.09	.86	.41		
YAES18K4	5/16		.46	1.09	.87	.41		
YAES18K5	3/8		.53	1.17	.91	.45		
YAES14K6	#6	16-14 AWG str. Max. Insul. Dia. Accom.: .153 Stock Thickness: .032 Color Code: Blue	.25	.77	.65	.22	Ratchet Tool: MR10G6 Crimp Mark: (2) Small Dots Calibration Gauge: PG-371-1	7/32
YAES14K7	#6		.31	.91	.76	.29		
YAES14K53	#8		.31	.91	.76	.29		
YAES14K8	#10		.31	.91	.76	.29		
YAES14K54	1/4		.46	1.09	.86	.41		
YAES14K9	5/16		.46	1.09	.86	.41		
YAES14K10	3/8		.53	1.18	.91	.45		
YAES10K11	#6	12-10 AWG str. Max. Insul. Dia. Accom.: .210 Stock Thickness: .040 Color Code: Yellow	.37	1.12	.94	.26	Ratchet Tool: MR10G6 Crimp Mark: (1) Large Dot Calibration Gauge: PG-372-1	3/8
YAES10K11T1	#6		.31	1.09	.94	.26		
YAES10K56	#8		.37	1.12	.94	.26		
YAES10K12	#10		.37	1.12	.94	.26		
YAES10K57	1/4		.53	1.32	1.06	.37		
YAES10K13	5/16		.53	1.32	1.06	.37		
YAES10K14	3/8		.58	1.34	1.05	.40		
YAES10K58	1/2		.71	1.41	1.06	.45		

TYPE TP-F

VINYLUG™

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



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



Features & Benefits

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

Catalog Number	Wire Range	Stud Size	Dimensions				Installation Tooling	Wire Strip Length
			C	L. Max	Y Max.	Z Min.		
TP16-2F	22 - 16 Max. Insul. Dia. Accom.: .145 Color Code: Red	#1-#2	.17	.75	.66	.23	Plier Type: Y10D, Y1022 Ratchet Tool: MRE1022NV MR8-89-1	13/64
TP16-6F		#4-#6	.28	.80	.66	.23		
TP16-8F		#6-#8	.31	.86	.69	.26		
TP16-10F		#8-#10	.41	.95	.75	.31		
TP14-2F	16 - 14 Max. Insul. Dia. Accom.: .180 Color Code: Blue	#1-#2	.17	.75	.66	.23	Plier Type: Y10D, Y1022 Ratchet Tool: MRE1022NV MR8-89-1	13/64
TP14-6F		#4-#6	.28	.80	.66	.23		
TP14-8F		#6-#8	.31	.86	.69	.26		
TP14-10F		#8-#10	.41	.95	.75	.31		
TP10-6F	12 - 10 Max. Insul. Dia. Accom.: .260 Color Code: Yellow	#4-#6	.28	.95	.81	.26	Plier Type: Y10D, Y1022 Ratchet Tool: MRE1022NV, MR15, M8ND with N10ET-23	19/64
TP10-8F		#6-#8	.31	.98	.81	.26		
TP10-10F		#8-#10	.41	1.07	.87	.31		



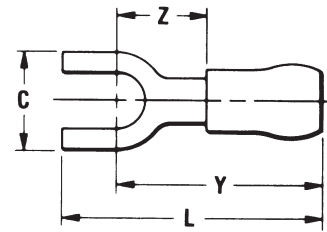
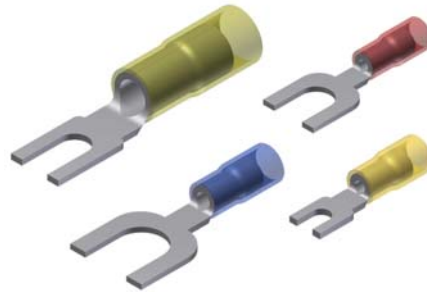
MRE1022NV Ergonomic Hand Tool perfect for use with the TP-F; suitable for most nylon and vinyl insulated small terminals. MRE1022B is designed for use with bare (uninsulated) terminals. Part of the BURNDY Engineered System of coordinating connectors, tools and dies for a quality, reliable, repeatable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

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

TYPE TN-F

INSULUG™

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



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

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

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

Features & Benefits

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



Catalog Number	Wire Range	Stud Size	Dimensions				Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.		
TN20-2F*	26-20 Max. Insul. Dia. Accom.: .098 Color Code: Amber	#1-#2	.18	.76	.65	.24	M8ND with N14HET-25V1 Die Set	3/16
TN20-6F*		#4-#6	.28	.80	.70	.28		
TN184F*	22-18 Max. Insul. Dia. Accom.: .120 Color Code: Red	#3-#4	.23	.75	.65	.24	Non-Ratchet: Y10D Y1022 Ratchet: MRE1022NV MR8-83** MR18	7/32
TN18-6F		#4-#6	.28	.79	.65	.24		
TN18-8F		#6-#8	.31	.84	.67	.26		
TN18-10F		#8-#10	.37	.84	.68	.27		
TN18-14F		1/4	.47	1.03	.79	.38		
TN14-6F	16-14 Max. Insul. Dia. Accom.: .153 Color Code: Blue	#4-#6	.28	.79	.65	.24	Non-Ratchet: Y10D Y1022 Ratchet: MRE1022NV MR8-83** MR18	7/32
TN14-8F		#6-#8	.31	.84	.67	.26		
TN14-10F		#8-#10	.37	.84	.68	.27		
TN14-14F		1/4	.47	1.03	.79	.38		
TN10-6F	12-10 Max. Insul. Dia. Accom.: .209 Color Code: Yellow	#4-#6	.28	.96	.82	.24	Non-Ratchet: Y10D Y1022 Ratchet: MRE1022NV MR8-83** MR18	11/32
TN10-8F		#6-#8	.31	1.01	.84	.26		
TN10-10F		#8-#10	.41	1.09	.89	.31		
TN10-14F		1/4	.50	1.21	.96	.38		

* Not UL Listed or CSA Certified.

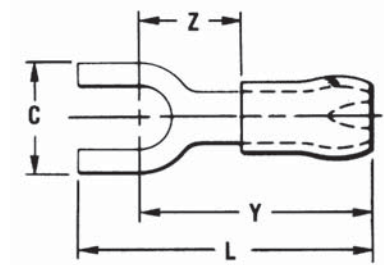
**Or other tool conforming to military specification AS25036 or AS90413.

TYPE YAE-N-F BOX

INSULUG™

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

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



Features & Benefits

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



Catalog Number	Wire Range	Stud Size	Dimensions				Installation Tooling**	Wire Strip Length
			C	L. Max	Y Max.	Z Min.		
YAE22N65FBOX*	24 - 20 Max. Insul. Dia.: .098" Sleeve Color: Amber	#2	.18	.73	.63	.23	Ratchet: M8ND N14HET25V1 Die	5/32
YAE22N66FBOX*		#4-#6	.28	.80	.67	.27		
YAE18N60FBOX*	22 - 16 Max. Insul. Dia.: .125" Sleeve Color: Red	#4	.21	.92	.73	.24	Non-Ratchet: Y10D or Y1022 Ratchet: MRE1022NV, MR8-33T-1, M8ND with one of the following dies: N14HET-25V1, N10ET-9, N14HET-15, N10ET-23	3/16
YAE18G43FBOX		#4-#6	.25	.78	.68	.18		
YAE18N56FBOX†		#4-#6	.28	.84	.71	.21		
YAE18N57FBOX		#6-#8	.31	.96	.77	.28		
YAE18N58FBOX	16 - 14 Max. Insul. Dia.: .156" Sleeve Color: Blue	#8	.36	1.02	.82	.33	Non-Ratchet: Y10D or Y1022 Ratchet: MR8-33T-1, M8ND with one of the following dies: N14HET-25V1, N10ET-9, N14HET-15, N10ET-23	3/16
YAE14N76FBOX		#4-#6	.28	.86	.74	.25		
YAE14N77FBOX		#6-#8	.31	.96	.77	.29		
YAE14N78FBOX	12 - 10	#8-#10	.36	1.01	.79	.29	Non-Ratchet: Y10D or Y1022 Ratchet: MRE1022NV, MR8-33-T1, M8ND with one of the following dies: N14HET25V1, N10ET-9, N14ET-15, N10ET-23	3/8
YAE10N80FBOX*		#4-#6	.35	1.02	.67	.29		
YAE10N81FBOX*		#6-#8	.35	1.02	.67	.29		
YAE10N82FBOX*		#8-#10	.37	1.02	.65	.29		
YAE10N83FBOX		1/4	.50	1.20	.70	.29		

* Not UL Listed or CSA Certified.

†Not UL Listed; is CSA Certified.

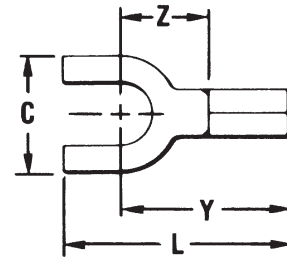
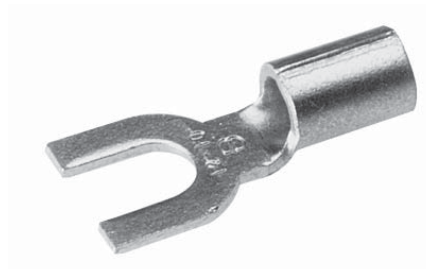
**For UL Listed applications, consult BURNDY® factory.

TYPE T-F

HYLUG™

Uninsulated Compression Terminal, Fork Tongue

Type T-F is constructed in the same manner as the type “T” and employs a fork tongue. The fork permits rapid installation of the terminal under a screw head without completely removing the screw. Two or more terminals may be stacked easily on a common stud.



Features & Benefits

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



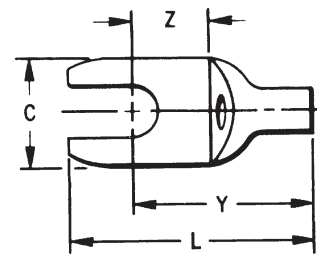
Catalog Number	Wire Range	Stud Size	C	L	Y	Z	Installation Tooling	Wire Strip Length
T18-6F	20-18	#4-#6	.28	.68	.55	.25	Non-Ratchet: Y10D, Y10-22 Ratchet: MRE1022B, MR8G98, Y8MRB-1, MR20	9/32
T18-8F		#6-#8	.31	.74	.57	.27		
T18-10F		#8-#10	.37	.74	.58	.29		
T18-14F		1/4	.47	.92	.69	.39		
T14-6F	20-14	#4-#6	.28	.68	.55	.25	Non-Ratchet: Y10D, Y10-22 Ratchet: MRE1022B, MR8G98, Y8MRB-1, MR20	9/32
T14-8F		#6-#8	.31	.74	.57	.27		
T14-10F		#8-#10	.37	.74	.58	.29		
T14-14F		1/4	.47	.92	.69	.39		
T10-6F	14-10	#4-#6	.28	.74	.61	.25	Non-Ratchet: Y10D, Y10-22 Ratchet: MRE1022B, MR8G98, Y8MRB-1, MR20	11/32
T10-8F	12-10	#6-#8	.31	.80	.63	.27	Non-Ratchet: Y10D, Y10-22 Ratchet: MRE1022B, MR8G98, Y8MRB-1, MR20	11/32
T10-10F		#8-#10	.41	.87	.68	.32		
T10-14F		1/4	.50	1.00	.75	.39		

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

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.



Features & Benefits

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

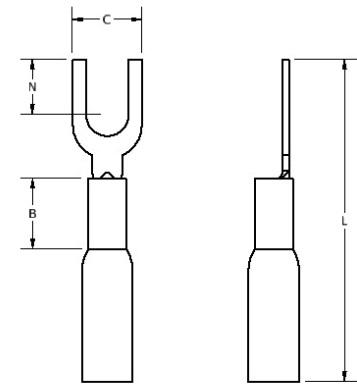
Catalog Number	Wire Range	Stud Size	C	L	Y	Z	Installation Tooling	Wire Strip Length
YAV18-T19FBOX	20-18	#4-#6	.27	0.84	.55	.25	Non-Ratchet: Y10D, Y10-22 Ratchet: MR8-G98, MR8-9Q, MR20, Y8MRB-1, MRE10-22B	9/32
YAV18-T21FBOX	20-18	#8-#10	.27	0.84	.55	9/32		
YAV14-T32FBOX	20-14	#4-#6	.27	0.84	.57	9/32		
YAV14-T34FBOX	20-14	#8-#10	.27	0.82	.60	9/32		
YAV10-T21FBOX	12-10	#8-#10	.38	0.99	.69	7/16		
YAV10-T23FBOX	12-10	1/4	.47	1.03	.75	7/16		

TYPE YHSA-F

HYDENT™ HEAT SHRINK FORK TONGUE TERMINALS

For Use on Copper Conductor

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



Features & Benefits

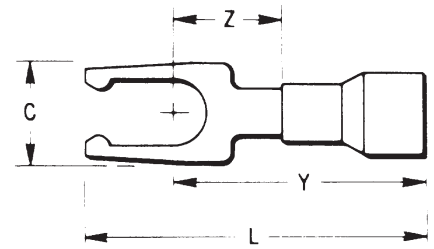
- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro tin plated for corrosion resistance
- Wire Strip Length 5/16"

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	.22	.25	1.17	.32	.04	MR22	5/16
YHSA18K8F	YHSA18K8FRK	6-8		.22	.32	1.17	.32	.04	MR22	
YHSA18K10F	YHSA18K10FRK	8-10		.22	.31	1.18	.27	.03	MR22	
YHSA14K6F	YHSA14K6FRK	4-6	16-14 AWG	.22	.25	1.17	.30	.04	MR22	5/16
YHSA14K8F	YHSA14K8FRK	6-8		.22	.34	1.17	.30	.04	MR22	
YHSA14K10F	YHSA14K10FRK	8-10		.22	.34	1.17	.27	.03	MR22	
YHSA14K14FRK	—	1/4		.22	.50	1.17	.30	.04	MR22	
YHSA10K6F	—	4-6	12-10 AWG	.22	.35	1.17	.29	.04	MR22	5/16
YHSA10K8F	YHSA10K8FRK	6-8		.22	.35	1.17	.29	.04	MR22	
YHSA10K10F	YHSA10K10FRK	8-10		.22	.37	1.16	.27	.04	MR22	
YHSA10K14FRK	—	1/4		.22	.50	1.17	.30	.04	MR22	

TYPE TP-LF

VINYLUTM

Terminal - Polyvinylchloride
Insulated, Locking Fork Tongue
600 Volts Max., 105° C Max.



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

Features & Benefits

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

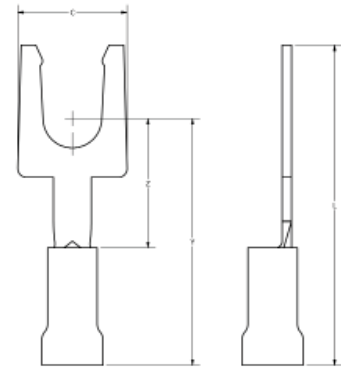


Catalog Number	Wire Range	Stud Size	Dimensions				Installation Tooling	Wire Strip Length
			C	L. Max	Y Max.	Z Min.		
TP16-6LF	22 - 16 Max. Insul. Dia. Accom.: .145 Color Code: Red	#4-#6	.28	.80	.66	.23	Plier Type: Y10D, Y10-22 Ratchet Tool: MRE1022NV MR8-89-1 MR15	13/64
TP16-8LF		#6-#8	.31	.86	.69	.26		
TP16-10LF		#8-#10	.41	.95	.75	.31		
TP14-6LF	16 - 14 Max. Insul. Dia. Accom.: .180 Color Code: Blue	#4-#6	.28	.80	.66	.23	Plier Type: Y10D, Y10-22 Ratchet Tool: MRE1022NV MR8-89-1 MR15	13/64
TP14-8LF		#6-#8	.31	.86	.69	.26		
TP14-10LF		#8-#10	.41	.95	.75	.31		
TP10-6LF	12 - 10 Max. Insul. Dia. Accom.: .260 Color Code: Yellow	#4-#6	.28	.95	.81	.26	Plier Type: Y10D, Y10-22 Ratchet Tool: MRE1022NV MR8-89-1 MR15	19/64
TP10-8LF		#6-#8	.31	.98	.81	.26		
TP10-10LF		#8-#10	.41	1.07	.87	.31		

TYPE TN-LF

INSULUG™

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



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

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

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

Features & Benefits

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

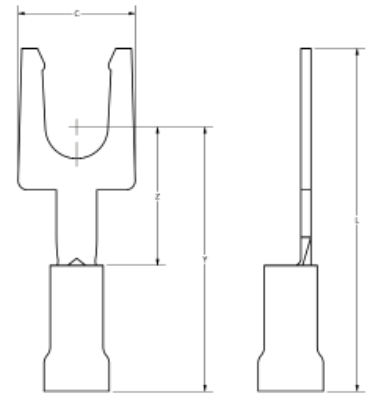
Catalog Number	Wire Range	Stud Size	Dimensions				Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.		
TN18-6LF	22 - 18 Max. Insul. Dia. Accom: .145 Color Code: Red	4-6	.25	.95	.66	.32	MRE1022NV, MR8-83, Y10D, Y1022	7/32
TN18-8LF		6-8	.31	.95	.69	.32		
TN18-10LF		8-10	.31	.95	.75	.32		
TN14-6LF	16 - 14 Max. Insul. Dia. Accom: .180 Color Code: Blue	4-6	.25	.93	.66	.30	MRE1022NV, MR8-83, Y10D, Y1022	7/32
TN14-8LF		6-8	.30	.95	.69	.30		
TN14-10LF		8-10	.32	.95	.75	.30		
TN10-6LF	12 - 10 Max. Insul. Dia. Accom: .260 Color Code: Yellow	4-6	.30	1.02	.66	.29	MRE1022NV, MR8-83, Y10D, Y1022	11/32
TN10-8LF		6-8	.33	1.02	.69	.29		
TN10-10LF		8-10	.35	1.02	.75	.29		

TYPE YAE-N-LF

INSULUG™

Terminal - Nylon Insulated,
Locking Fork Tongue
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
- Rapid easy installation of terminal without complete removal of screw

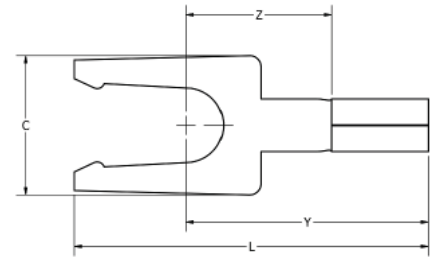
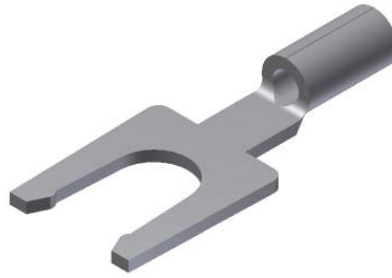
Catalog Number	Wire Range	Stud Size	Dimensions				Installation Tooling	Wire Strip Length
			C	L Max.	Y Max.	Z Min.		
YAE18N104LFBOX	22 - 18	#4 -#6	.25	.95	.66	.32	MRE1022NV MR8-83 Y10-22 Y10D	7/32
YAE18N105LFBOX	22 - 18	#6 -#8	.31	.95	.69	.32		
YAE18N106LFBOX	22 - 18	#8 -#10	.31	.95	.75	.32		
YAE14N107LFBOX	16 - 14	#4 -#6	.25	.93	.66	.30	MRE1022NV MR8-83 Y10-22 Y10D	7/32
YAE14N108LFBOX	16 - 14	#6 -#8	.30	.95	.69	.30		
YAE14N109LFBOX	16 - 14	#8 -#10	.32	.95	.75	.30		
YAE10N110LFBOX	12 - 10	#4 -#6	.30	1.02	.81	.29	MRE1022NV MR8-83 Y10-22 Y10D	11/32
YAE10N111LFBOX	12 - 10	#6 -#8	.33	1.02	.81	.29		
YAE10N112LFBOX	12 - 10	#8 -#10	.35	1.02	.87	.29		

TYPE T-LF

HYLUG™

Uninsulated Compression Terminal Locking Fork Tongue

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



Features & Benefits

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

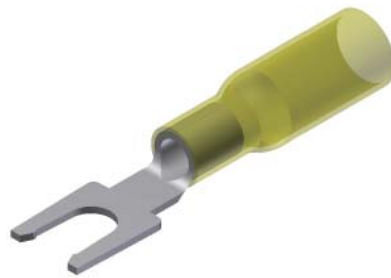
Catalog Number	Wire Range	Stud Size	C	L	Y	Z	Installation Tooling	Wire Strip Length
T166LF	22 - 16 AWG	#4 -#6	.25	.83	.54	.32	MRE1022B MR8G98 Y8MRB-1 MR20 Y10D Y10-22	9/32
T168LF		#6 -#8	.31	.83	.57	.32		
T1610LF		#8 -#10	.31	.83	.63	.32		
T146LF	16 - 14 AWG	#4 -#6	.25	.81	.54	.30	MRE1022B MR8G98 Y8MRB-1 MR20 Y10D Y10-22	9/32
T148LF		#6 -#8	.30	.83	.57	.30		
T1410LF		#8 -#10	.32	.83	.63	.30		
T106LF	12 - 10 AWG	#4 -#6	.30	.90	.54	.29	MRE1022B MR8G98 Y8MRB-1 MR20 Y10D Y10-22	11/32
T108LF		#6 -#8	.33	.90	.57	.29		
T1010LF		#8 -#10	.35	.90	.63	.29		

TYPE YHSA-K-LF

HYDENT™ HEAT SHRINK FORK

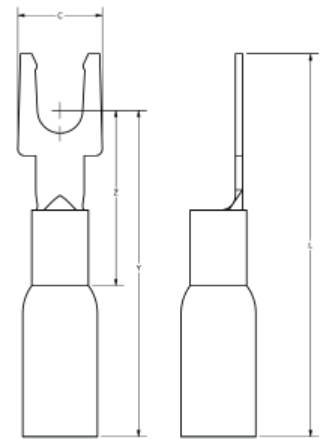
For Use on Copper Conductor

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



Features & Benefits

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



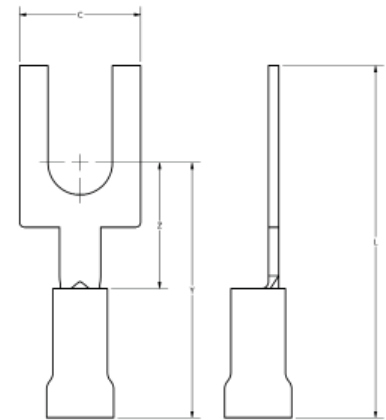
Catalog Number	Wire Range	Stud Size	L	C	Y	Z	Installation Tooling	Wire Strip Length
YHSA18K6LF	22 - 18	#6	1.20	.25	.66	.32	MR22	5/16"
YHSA18K8LF	22 - 18	#8	1.20	.31	.69	.32		
YHSA18K10LF	22 - 18	#10	1.20	.31	.75	.32		
YHSA14K6LF	16 - 14	#6	1.18	.25	.66	.30	MR22	5/16"
YHSA14K8LF	16 - 14	#8	1.20	.30	.69	.30		
YHSA14K10LF	16 - 14	#10	1.20	.32	.75	.30		
YHSA10K6LF	12 - 10	#6	1.27	.30	.81	.29	MR22	5/16"
YHSA10K8LF	12 - 10	#8	1.27	.33	.81	.29		
YHSA10K10LF	12 - 10	#10	1.27	.35	.87	.29		

TYPE TP-BF

INSULUG™

Terminal - Vinyl Insulated,
Block Fork Tongue

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



Features & Benefits

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

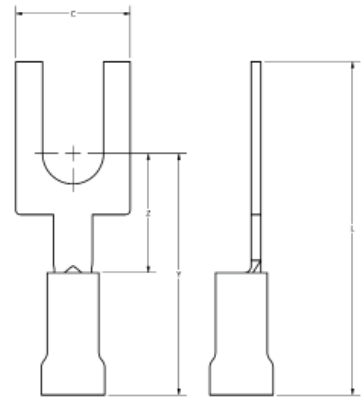
Catalog Number	Wire Range	Stud Size	C	L	Y	Z	Installation Tooling	Wire Strip Length
TP166BF	22 - 16	#4-#6	.25	.95	.83	.32	Y10D, Y10-22 MR8-89-1 MR8-G96 MR15 MRE1022NV	13/64
TP168BF		#6-#8	.31	.95	.79	.32		
TP1610BF		#8-#10	.31	.95	.79	.32		
TP146BF	16 - 14	#4-#6	.25	.93	.81	.30	Y10D, Y10-22 MR8-89-1 MR8-G96 MR15 MRE1022NV	13/64
TP148BF		#6-#8	.30	.95	.80	.30		
TP1410BF		#8-#10	.32	.95	.79	.30		
TP106BF	12 - 10	#4-#6	.30	1.02	.87	.29	Y10D, Y10-22 MR8-89-1 MR8-G96 MR15 MRE1022NV	19/64
TP108BF		#6-#8	.33	1.02	.86	.29		
TP1010BF		#8-#10	.35	1.02	.85	.29		

TYPE TN-BF

HYDENT

Terminal - Nylon Insulated,
Block Fork Tongue

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.

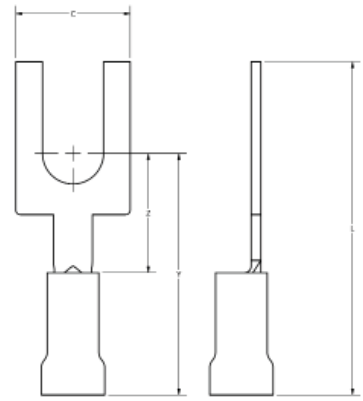
Catalog Number	Wire Range	Stud Size	C	L	Y	Z	Installation Tooling	Wire Strip Length
TN186BF	22 - 18	#4-#6	.25	.95	.83	.32	MRE1022NV MR81A Y10D Y10-22 M8ND with one of the following N14HET25V1, N10ET9, N14ET15, N10ET23	3/16
TN188BF		#6-#8	.31	.95	.79	.32		
TN1810BF		#8-#10	.31	.95	.79	.32		
TN146BF	16 - 14	#4-#6	.25	.93	.81	.30	MRE1022NV MR81A Y10D Y10-22 M8ND with one of the following N14HET25V1, N10ET9, N14ET15, N10ET23	3/16
TN148BF		#6-#8	.30	.95	.80	.30		
TN1410BF		#8-#10	.32	.95	.79	.30		
TN106BF	12 - 10	#4-#6	.30	1.02	.87	.29	MRE1022NV MR81A Y10D Y10-22 M8ND with one of the following N14HET25V1, N10ET9, N14ET15, N10ET23	3/8
TN108BF		#6-#8	.33	1.02	.86	.29		
TN1010BF		#8-#10	.35	1.02	.85	.29		

TYPE YAE-N-BF

INSULUG™

Terminal - Nylon Insulated
Block Fork Tongue

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



Features & Benefits

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

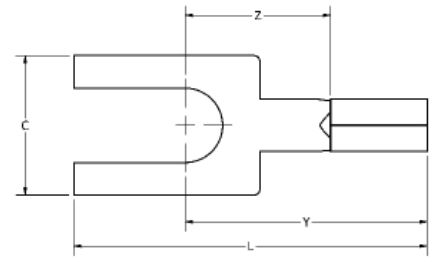
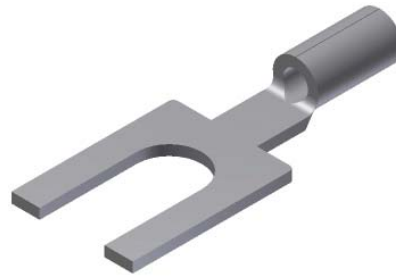
Catalog Number	Wire Range	Stud Size	C	L	Y	Z	Installation Tooling	Wire Strip Length
YAE18N104BFBOX	22 - 18	#4-#6	.25	.95	.83	.32	MRE1022NV, MR8-1A, MR8-33T-1, Y10D, Y1022, M8ND with one of the following dies: N14HET-25V1, N10ET-9, N14ET-15, N10ET-23	3/16
YAE18N105BFBOX	22 - 18	#6-#8	.31	.95	.79	.32		
YAE18N106BFBOX	22 - 18	#8-#10	.31	.95	.79	.32		
YAE14N107BFBOX	16 - 14	#4-#6	.25	.93	.81	.30	MRE1022NV, MR8-1A, MR8-33T-1, Y10D, Y1022, M8ND with one of the following dies: N14HET-25V1, N10ET-9, N14ET-15, N10ET-23	3/16
YAE14N108BFBOX	16 - 14	#6-#8	.30	.95	.80	.30		
YAE14N109BFBOX	16 - 14	#8-#10	.32	.95	.79	.30		
YAE10N110BFBOX	12 - 10	#4-#6	.30	1.02	.87	.29	MRE1022NV, MR8-1A, MR8-33T-1, Y10D, Y1022, M8ND with one of the following dies: N14HET-25V1, N10ET-9, N14ET-15, N10ET-23	3/8
YAE10N111BFBOX	12 - 10	#6-#8	.33	1.02	.86	.29		
YAE10N112BFBOX	12 - 10	#8-#10	.35	1.02	.85	.29		

TYPE T-BF

FINGRIP™

Uninsulated Compression
Terminal Block Fork Tongue

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



Features & Benefits

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

Catalog Number	Wire Range	Stud Size	C	L	Y	Z	Installation Tooling	Wire Strip Length
T166BF	22 - 16 AWG	#4-#6	.25	.83	.20	.83	MRE1022B MR8G98 Y8MRB-1 MR20 Y10D Y10-22	9/32
T168BF		#6-#8	.31	.83	.20	.79		
T1610BF		#8-#10	.31	.83	.20	.79		
T146BF	16 - 14 AWG	#4-#6	.25	.81	.18	.81	MRE1022B MR8G98 Y8MRB-1 MR20 Y10D Y10-22	9/32
T148BF		#6-#8	.30	.83	.18	.80		
T1410BF		#8-#10	.32	.83	.18	.79		
T106BF	12 - 10 AWG	#4-#6	.30	.90	.17	.87	MRE1022B MR8G98 Y8MRB-1 MR20 Y10D Y10-22	11/32
T108BF		#6-#8	.33	.90	.17	.86		
T1010BF		#8-#10	.35	.90	.17	.85		

TYPE YHSA-K-BF

HYDENT™ HEAT SHRINK BLOCK FORK

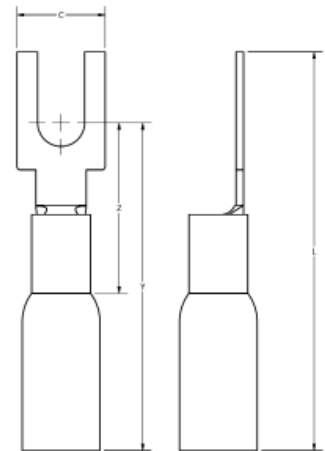
For Use on Copper Conductor

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



Features & Benefits

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



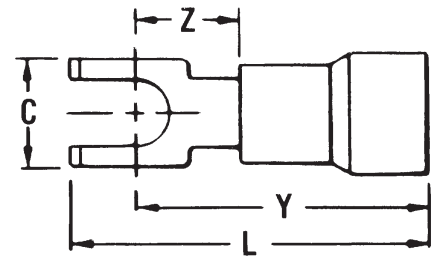
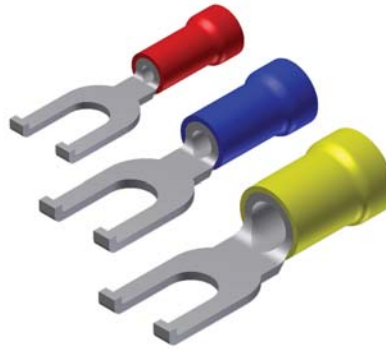
Catalog Number	Wire Range	Stud Size	C	L	Y	Z	Tongue Thickness	Installation Tooling	Wire Strip Length
YHSA18K6BF	22 - 18	#4 -#6	.25	1.20	.66	.13	.04	MR22	5/16"
YHSA18K8BF	22 - 18	#6 -#8	.31	1.20	.69	.16	.04		
YHSA18K10BF	22 - 18	#8 -#10	.31	1.20	.75	.16	.04		
YHSA14K6BF	16 - 14	#4 -#6	.25	1.18	.66	.13	.04	MR22	5/16"
YHSA14K8BF	16 - 14	#6 -#8	.30	1.20	.69	.15	.04		
YHSA14K10BF	16 - 14	#8 -#10	.32	1.20	.75	.16	.04		
YHSA10K10BF	12 - 10	#4 -#6	.30	1.27	.87	.15	.04	MR22	5/16"
YHSA10K6BF	12 - 10	#6 -#8	.33	1.27	.81	.16	.04		
YHSA10K8BF	12 - 10	#8 -#10	.35	1.27	.81	.18	.04		

TYPE TP-Z

VINYLUG™

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

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



Features & Benefits

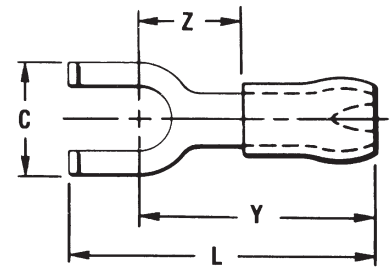
- Flange fork tongue design
 - ◊ Allows fast installation—screw only has to be loosened for termination
- The flanges on the end of the fork terminal aid in preventing a slightly loose terminal from becoming fully disconnected from the screw
 - ◊ Flanges make re-securing a loose terminal easier

Catalog Number	Wire Range	Stud Size	Dimensions				Installation Tooling	Wire Strip Length
			C	Y Max.	Z Max.	L. Max.		
TP16-2Z	22 - 16 Max. Insul. Dia. Accom.: .145 Color Code Red	#1-#2	.17	.66	.23	.78	Plier Type: Y10D, Y10-22 Ratchet Tool: MRE1022NV MR8-89-1	13/64"
TP16-6Z		#4-#6	.28	.66	.23	.83		
TP16-8Z		#6-#8	.31	.69	.26	.88		
TP16-10Z		#8-#10	.41	.75	.31	.96		
TP14-2Z	16 - 14 Max. Insul. Dia. Accom.: .180 Color Code: Blue	#1-#2	.17	.66	.23	.78	Plier Type: Y10D, Y10-22 Ratchet Tool: MRE1022NV MR8-89-1	13/64"
TP14-6Z		#4-#6	.28	.66	.23	.83		
TP14-8Z		#6-#8	.31	.69	.26	.88		
TP14-10Z		#8-#10	.41	.75	.31	.96		
TP10-6Z	12 - 10 Max. Insul. Dia. Accom.: .260 Color Code: Yellow	#4-#6	.28	.81	.26	.99	Plier Type: Y10D, Y10-22 Ratchet Tool: MRE1022NV, MR15, M8ND with N10ET-23	13/64"
TP10-8Z		#6-#8	.31	.81	.26	1.01		
TP10-10Z		#8-#10	.41	.81	.31	1.09		

TYPES YAE-Z BOX

INSULUG™

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



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

Features & Benefits

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



Catalog Number	Wire Range	Stud Size	Dimensions				Installation Tooling	Wire Strip Length
			C	Z Max.	Y Max.	L. Max.		
YAE22Z1BOX*	26 - 20 Max. Insul. Dia.: .098" Sleeve Color: Amber	#2	.18	.21	.63	.75	MRE1022NV, MR8-33T-1, M8ND with one of the following dies: N14HET-15, N10ET-9, N10ET-23, N14HET-25V1 Y10D, Y1022	5/32"
YAE22Z2BOX*		#4-#6	.18	.24	.67	.83		
YAE22Z3BOX*		#6-#8	.18	.28	.70	.92		
YAE18Z1BOX	22 - 16 Max. Insul. Dia. Accom.: .125" Color Code: Red	#2	.18	.21	.70	.83	MRE1022NV, MR8-33T-1, M8ND with one of the following dies: N14HET-15, N10ET-9, N10ET-23, N14HET-25V1 Y10D, Y1022	3/16"
YAE18Z2BOX		#4-#6	.28	.24	.74	1.00		
YAE18Z3BOX		#6-#8	.31	.28	.77	1.00		
YAE18Z4BOX		#8-#10	.36	.32	.82	1.08		
YAE14Z2BOX	16 - 14 Max. Insul. Dia. Accom.: .156" Color Code: Blue	#4-#6	.28	.25	.74	.90	MRE1022NV, MR8-33T-1, M8ND with one of the following dies: N14HET-15, N10ET-9, N10ET-23, N14HET-25V1 Y10D, Y1022	3/16"
YAE14Z3BOX		#6-#8	.31	.29	.77	1.00		
YAE14Z4BOX		#8-#10	.36	.33	.82	1.08		
YAE12Z2BOX	14 - 12 Max. Insul. Dia. Accom.: .180" Color Code: Green	#4-#6	.28	.25	.90	1.04	MRE1022NV, MR833T-1, M8ND with N12HET-1 Y10D, Y1022	3/8"
YAE12Z3BOX		#6-#8	.31	.30	.96	1.16		
YAE12Z4BOX		#8-#10	.36	.34	1.00	1.23		

* UL Recognized and CSA Certified; Not UL Listed

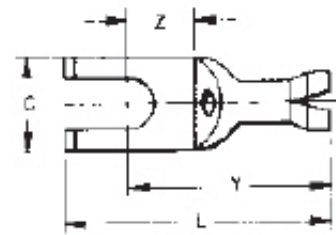
TYPE YAV-Z

HYLUG™

Uninsulated Compression Terminal Fork Tongue with Shroud Seamless

The type YAV-Z HYLUG™ terminal 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.

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.



Features & Benefits

- Flanged fork tongue
- Allows installation of compression terminal under screw head without complete removal
- Aids in maintaining the terminal on the stud should the screw loosen slightly



Catalog Number	Wire Range	Stud Size	C	L	Y	Z	Installation Tooling	Wire Strip Length
YAV14-Z5BOX	20-14	#4-#6	.31	.86	.69	.13	Non-Ratchet: Y10D*, Y14MV, Y10-22* Ratchet: MRE1022B*, MR8-G98, MR8-9Q, Y8MRB-1*, MR20, and M8ND with N14HT-5 Die or N14HT	1/4
YAV14-Z6BOX	20-14	#8-#10	.37	1.00	.78	.21	Non-Ratchet: Y10D*, Y14MV, Y10-22* Ratchet: MRE1022B*, MR8-G98, MR8-9Q, Y8MRB-1*, MR20, and M8ND with N14HT-5 Die or N14HT	1/4

* Crimps conductor crimp only

TYPE QP-F FINGRIP™

VINYL INSULATED FEMALE QUICK DISCONNECTS

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

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



Features & Benefits

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

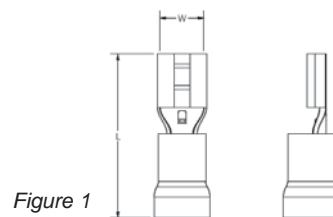


Figure 1

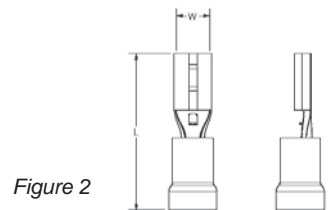


Figure 2

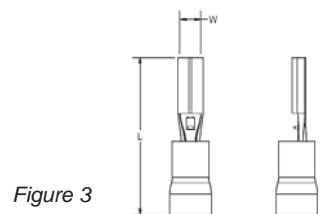


Figure 3

Catalog Number	Figure	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length
QP18F11X02D	3	18 - 22	.110 X .020	.75	.11	MRE1022NV Y1022 Y10D	3/8"
QP18F18X02D	2	18 - 22	.187 X .020	.79	.22		
QP18F25X03D	1	18 - 22	.250 X .032	.87	.29		
QP14F11X02D	3	14 - 16	.110 X .020	.75	.11	MRE1022NV Y1022 Y10D	3/8"
QP14F18X02D	2	14 - 16	.187 X .020	.79	.23		
QP14F25X03D	1	14 - 16	.250 X .032	.87	.29		
QP10F18X02D*	2	10 - 12	.187 X .020	.98	.29	MRE1022NV Y1022 Y10D	3/8"
QP10F25X03D	1	10 - 12	.250 X .032	.98	.29		
QP10F38X05D*	1	10 - 12	.375 X .047	1.12	.39		

* Not cULus.

TYPE QP-M FINGRIP™

VINYL INSULATED MALE QUICK DISCONNECTS

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

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



Features & Benefits

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

Figure 1

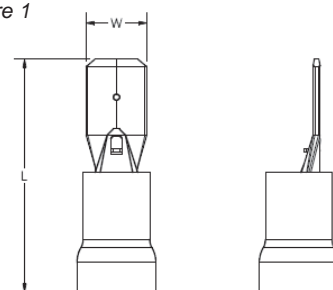


Figure 2

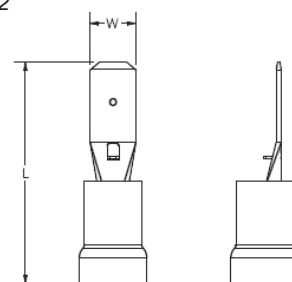
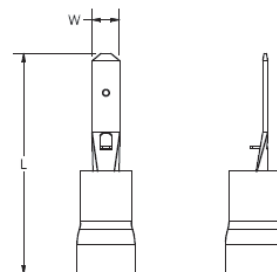


Figure 3



Catalog Number	Figure	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length
QP18M11X02D	3	18 - 22	.110 X .020	.76	.110	MRE1022NV Y1022 Y10D	3/8"
QP18M18X02D	2	18 - 22	.187 X .020	.76	.187		
QP18M25X03D	1	18 - 22	.250 X .032	.84	.250		
QP14M11X02D	3	14 - 16	.110 X .020	.76	.110	MRE1022NV Y1022 Y10D	3/8"
QP14M18X02D	2	14 - 16	.187 X .020	.76	.187		
QP14M25X03D	1	14 - 16	.250 X .032	.84	.250		
QP10M25X03D	1	12 - 10	.250 X .032	.93	.250	MRE1022NV Y10D, Y1022	3/8"

TYPE QN-F FINGRIP™

NYLON INSULATED FEMALE QUICK DISCONNECTS

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

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



Features & Benefits

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

Figure 1

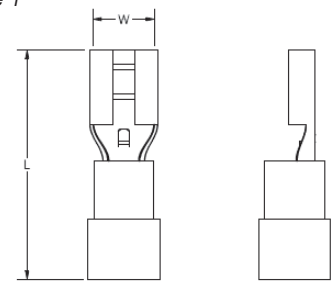


Figure 2

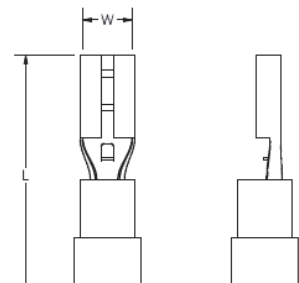
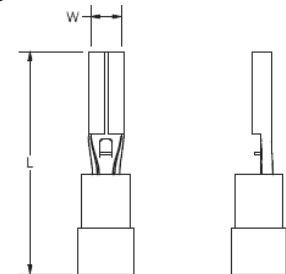


Figure 3



Catalog Number	Figure	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length
QN18F11X02D	3	18 - 22	.110 X .020	.77	.110	MRE1022NV Y10D Y1022	3/8"
QN18F18X02D	2	18 - 22	.187 X .020	.79	.187		
QN18F25X03D	1	18 - 22	.250 X .032	.87	.250		
QN14F11X02D	3	14 - 16	.110 X .020	.77	.110	MRE1022NV Y10D Y1022	3/8"
QN14F18X02D	2	14 - 16	.187 X .020	.79	.187		
QN14F25X03D	1	14 - 16	.250 X .032	.87	.250		
QN10F18X02D*	2	12 - 10	.187 X .020	.87	.187	MRE1022NV Y10D Y1022	3/8"
QN10F25X03D	1	12 - 10	.250 X .032	.95	.250		

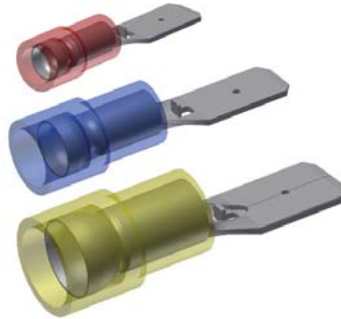
* Not cULus.

TYPE QN-M FINGRIP™

NYLON INSULATED MALE QUICK DISCONNECTS

Material: Tin-Plated Brass
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 allows the terminal to slide onto and off of a male blade.



Features & Benefits

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

Figure 1

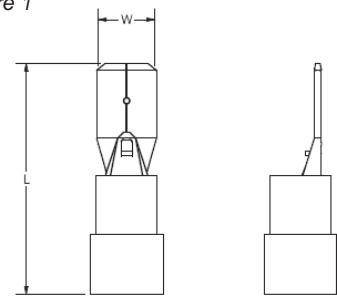
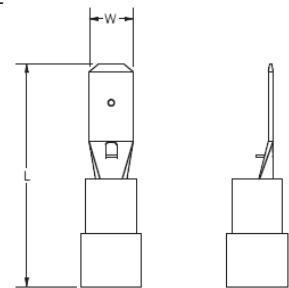


Figure 2

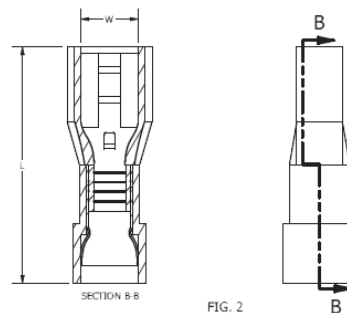


Catalog Number	Figure	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length
QN18M18X02D	2	18 - 22	.187 X .020	.80	.187	MRE1022NV Y10D Y1022	3/8"
QN18M25X03D	1	18 - 22	.250 X .032	.87	.250		
QN14M18X02D	2	14 - 16	.187 X .020	.80	.187	MRE1022NV Y10D Y1022	3/8"
QN14M25X03D	1	14 - 16	.250 X .032	.87	.250		
QN10M25X03D	1	12 - 10	.250 X .032	.95	.250	MRE1022NV Y10D Y1022	3/8"

TYPE FQN-F FINGRIP™

NYLON FULLY INSULATED FEMALE QUICK DISCONNECTS

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



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

Features & Benefits

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



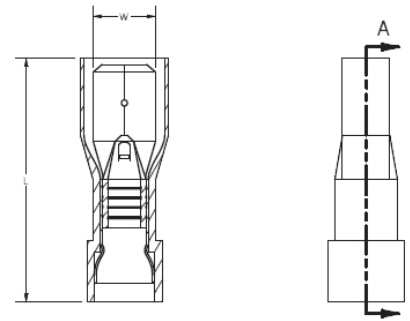
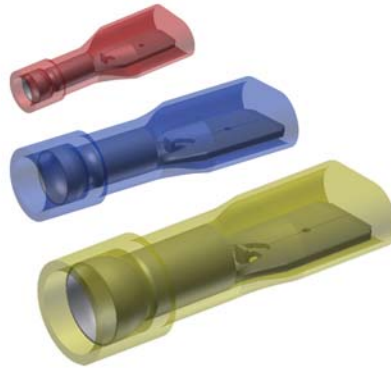
Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length
FQN18F25X03D	18 - 22	.250 X .032	.90	.250	MRE1022NV Y10D Y1022	3/8"
FQN14F18X02D*	14 - 16	.187 x .020	.90	.187	MRE1022NV Y10D Y1022	3/8"
FQN14F25X03D	14 - 16	.250 X .032	.90	.250		
FQN10F25X03D	10 - 12	.250 X .032	.98	.250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

TYPE FQN-M FINGRIP™

NYLON FULLY INSULATED MALE QUICK DISCONNECTS

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

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



Features & Benefits

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

Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length
FQN18M18X02D*	18 - 22	.187 X .020	.88	.187	MRE1022NV Y10D Y1022	3/8"
FQN18M25X03D	18 - 22	.250 X .032	.80	.250		
FQN14M18X02D*	14 - 16	.187 X .020	.80	.187	MRE1022NV Y10D Y1022	3/8"
FQN14M25X03D	14 - 16	.250 X .032	.88	.250		
FQN10M25X03D	10 - 12	.250 X .032	.96	.250	MRE1022NV Y10D Y1022	3/8"

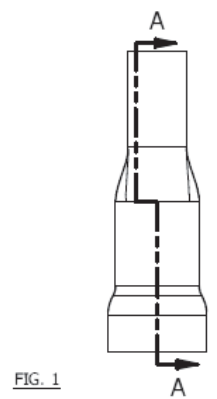
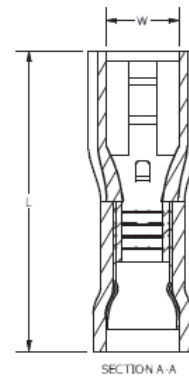
* Not cULus.

TYPE FQP-F FINGRIP™

**VINYL FULLY INSULATED
FEMALE QUICK
DISCONNECTS**

Material: Tin-Plated Brass

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



Features & Benefits

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

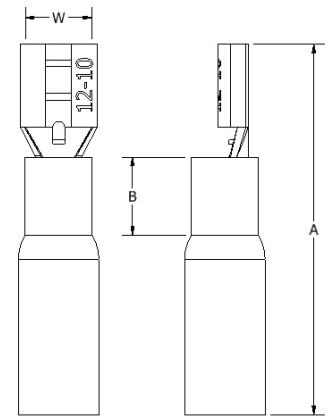
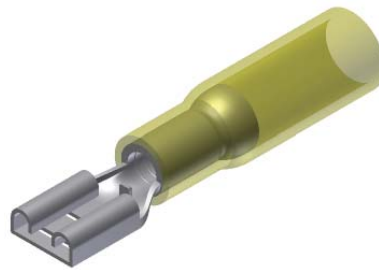
Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length
FQP18F11X03D	18 - 22	.110 x .032	.79	.11	MRE1022NV Y10D, Y1022	3/8"
FQP18F18X02D	18 - 22	.187 x .020	.80	.19		
FQP18F25X03D	18 - 22	.250 x .032	.90	.25		
FQP14F11X03D	14 - 16	.110 x .032	.79	.11	MRE1022NV Y10D, Y1022	3/8"
FQP14F18X02D	14 - 16	.187 x .020	.80	.19		
FQP14F25X03D	14 - 16	.250 x .032	.90	.25		
FQP10F25X03D	10 - 12	.250 x .032	.97	.25	MRE1022NV Y10D, Y1022	3/8"

TYPE YHSQ-F

**HYDENT™ HEAT SHRINK
FEMALE QUICK
DISCONNECTS**

For Use on Copper Conductor

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



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	Dimensions			Installation Tooling	Wire Strip Length
			B	W	A		
YHSQ18F11X02D	—	22-18 AWG	.17	.16	1.28	MR22 Y10D Y1022	5/16
YHSQ18F18X02D	—	22-18 AWG	.17	.23	1.28		
YHSQ18F25X03	YHSQ18F25X03RK	22-18 AWG	.22	.30	1.27		
YHSQ14F11X02D	—	16-14 AWG	.17	.16	1.28	MR22 Y10D Y1022	5/16
YHSQ14F18X02D	—	16-14 AWG	.17	.23	1.28		
YHSQ14F25X03	YHSQ14F25X03RK	16-14 AWG	.22	.30	1.27		
YHSQ10F25X03	YHSQ10F25X03RK	12-10 AWG	.22	.30	1.27	MR22 Y10D Y1022	5/16

TYPE YHSQ-M

**HYDENT™ HEAT SHRINK
MALE QUICK DISCONNECTS**

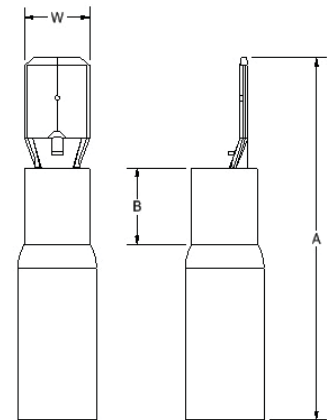
For Use on Copper Conductor

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



Features & Benefits

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



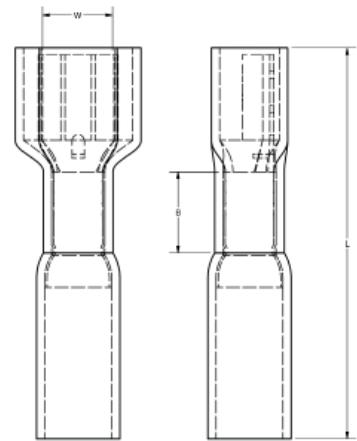
Catalog No. (100/bag)	Catalog No. (20/bag)	Conductor Size	NEMA Tab Size	Dimensions			Installation Tooling	Wire Strip Length
				B	W	A		
YHSQ18M25X03	YHSQ18M250X03RK	22-18 AWG	.250 X .032	.22	.25	1.25	MR22 Y10D Y1022	5/16
YHSQ14M25X03	YHSQ14M25X03RK	16-14 AWG	.250 X .032	.22	.25	1.25	MR22 Y10D Y1022	5/16
YHSQ10M25X03	YHSQ10M25X03RK	12-10 AWG	.250 X .032	.22	.25	1.19	MR22 Y10D Y1022	5/16

TYPE YHSFQ-F

HYDENT™ HEAT SHRINK FULLY INSULATED QUICK DISCONNECTS

For Use on Copper Conductor

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



Features & Benefits

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

Catalog No. (100/bag)	Catalog No. (20/bag)	Conductor Size	NEMA Tab Size	Dimensions			Installation Tooling	Wire Strip Length
				B	W	L		
YHSFQ18F25X03	YHSFQ18F25X03RK	22-18 AWG	.250 X .032	.22	.38	1.28	MR22, Y10D Y1022	5/16
YHSFQ14F25X03	YHSFQ14F25X03RK	16-14 AWG	.250 X .032	.22	.38	1.28	MR22 Y10D Y1022	5/16
YHSFQ10F25X03	YHSFQ10F25X03RK	12-10 AWG	.250 X .032	.22	.38	1.34	MR22 Y10D Y1022	5/16

TYPE Q-F FINGRIP™

NON-INSULATED FEMALE QUICK DISCONNECTS

Material: Tin-Plated Brass

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



Features & Benefits

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

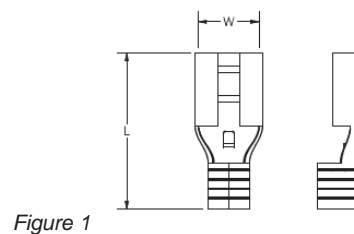


Figure 1

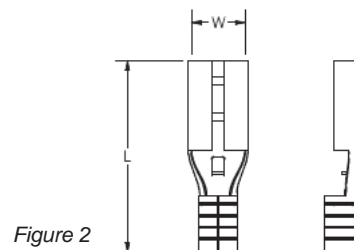


Figure 2

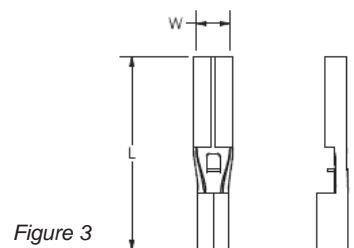


Figure 3

Catalog Number	Figure	Wire Range	NEMA Tab Size	L	W	Installation Tooling	Wire Strip Length
Q18F11X02D	3	18 - 22	.110 x .020	.66	.110	MRE1022B Y10D, Y1022 MR20	3/8"
Q18F18X02D	3	18 - 22	.187 x .020	.66	.187	MRE1022B Y10D, Y1022 MR20	3/8"
Q18F25X03D	3	18 - 22	.250 x .032	.66	.250	MRE1022B Y10D, Y1022 MR20	3/8"
Q14F11X02D	2	14 - 16	.110 x .020	.66	.110	MRE1022B Y10D, Y1022 MR20	3/8"
Q14F18X02D	2	14 - 16	.187 x .020	.66	.187	MRE1022B Y10D, Y1022 MR20	3/8"
Q14F25X03D	2	14 - 16	.250 x .032	.66	.250	MRE1022B Y10D, Y1022 MR20	3/8"
Q10F11X02D	1	12 - 10	.110 x .020	.66	.110	MRE1022B Y10D, Y1022 MR20	3/8"
Q10F18X02D	1	12 - 10	.187 x .020	.66	.187	MRE1022B Y10D, Y1022 MR20	3/8"
Q10F25X03D	1	12 - 10	.250 X .032	.66	.250	MRE1022B Y10D, Y1022 MR20	3/8"

TYPE Q-M FINGRIP™

NON-INSULATED MALE QUICK DISCONNECTS

Material: Tin-Plated Brass

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



Features & Benefits

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

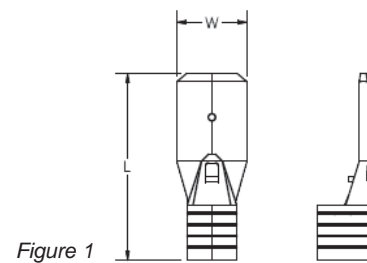


Figure 1

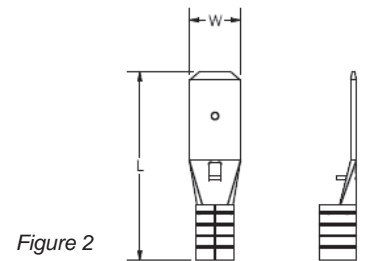


Figure 2

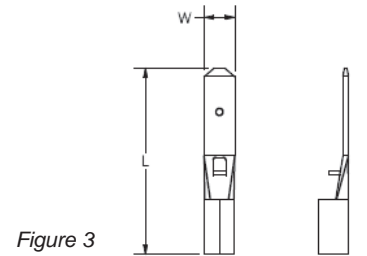


Figure 3

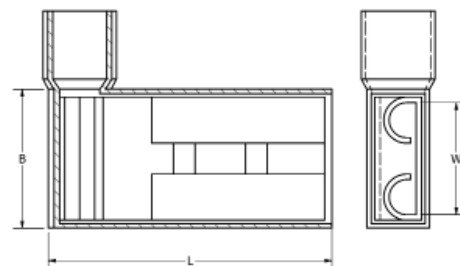
Catalog Number	Figure	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length
Q18M11X02D	3	18 - 22	.110 X .020	.66	.110	MRE1022B MR20 Y10D Y1022	3/8"
Q18M18X02D	3	18 - 22	.187 X .020	.66	.187	MRE1022B MR20 Y10D Y1022	3/8"
Q18M25X03D	3	18 - 22	.250 X .032	.66	.250	MRE1022B MR20 Y10D Y1022	3/8"
Q14M18X02D	2	14 - 16	.187 X .020	.66	.187	MRE1022B MR20 Y10D Y1022	3/8"
Q14M25X03D	2	14 - 16	.250 X .032	.66	.250	MRE1022B MR20 Y10D Y1022	3/8"
Q10M25X03D	1	12 - 10	.250 X .032	.66	.250	MRE1022B MR20 Y10D Y1022	3/8"

TYPE FLN FINGERIP™

NYLON FLAG-STYLE FEMALE QUICK DISCONNECT

Material: Tin-Plated Brass

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



Features & Benefits

- Dimpled female socket detent
- ◇ Ensures firm grip



Catalog Number	Wire Range	NEMA Tab Size	L	B	W	Installation Tool	Wire Strip Length
FLN1825X03D	22 - 18	.250 X .032	.60	.40	.25	MRE1422FLN	3/8"
FLN1425X03D	16 - 14	.250 X .032	.63	.40	.25	MRE1422FLN	3/8"
FLN1025X03D*	12 - 10	.250 X .032	.64	.40	.25	MRE1422FLN	3/8"

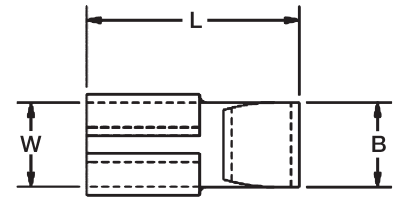
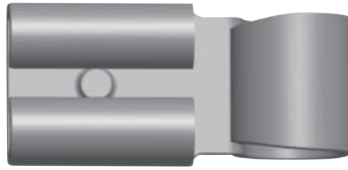
* Not cULus.

TYPE FL FINGRIP™

FLAG-STYLE FEMALE QUICK DISCONNECT

Material: Tin-Plated Brass

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



Features & Benefits

- Dimpled female socket detent
 ◇ Ensures firm grip

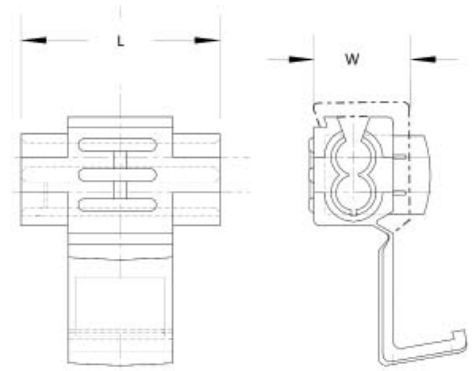
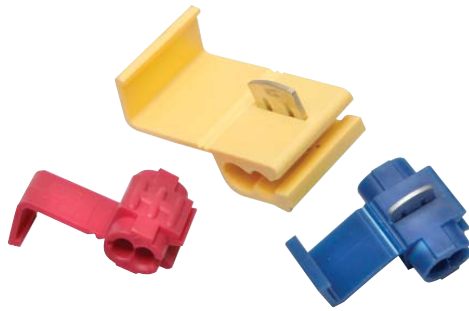
Catalog Number	Wire Range	NEMA Tab Size	L	B	W	Installation Tool	Wire Strip Length
FL1825X03D	18 - 22	.250 x .032	.67	.17	.25	Y10D Y1022	3/8"
FL1425X03D	14 - 16	.250 x .032	.67	.17	.25	Y10D Y1022	3/8"
FL1025X03D	10 - 12	.250 x .032	.67	.17	.25	Y10D Y1022	3/8"

TYPE YAIT

QIKTAP™

QIKTAP™ Splices

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



Features & Benefits

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

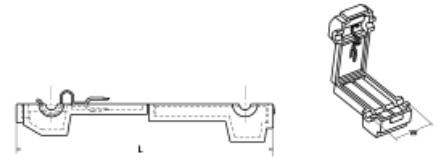
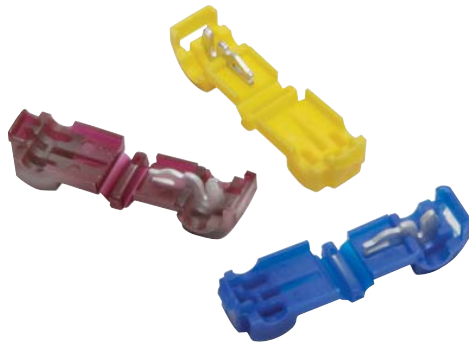
Catalog Number	Wire Range	L	W
YAIT2218R	22 - 18	.80	.37
YAIT1814B	16 - 14	.80	.37
YAIT1210Y	12 - 10	.80	.37

TYPE TTV

QIKTAP™

Insulation Piercing Style, Tap Connector

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



Features & Benefits

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

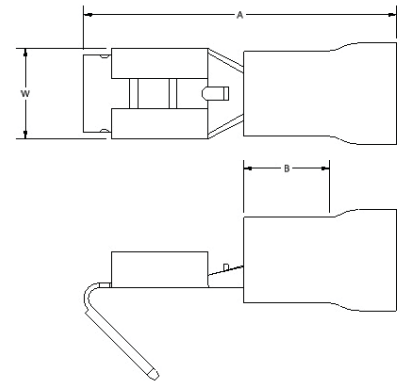
Catalog Number	Wire Range	Insulation Color	W	L
TTV18	22 - 18 AWG	Red	.38	1.44
TTV14	16 - 14 AWG	Blue	.38	1.44
TTV10	12 - 10 AWG	Yellow	.38	1.44

TYPE PGP FINGRIP™

VINYL MALE/FEMALE COMBINATION QUICK DISCONNECTS

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

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



Features & Benefits

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



Catalog Number	Wire Range	NEMA Tab Size	A	B	W	Installation Tool**	Wire Strip Length
PGP1825X03D	18 - 22	.250 X .032	.91	.17	.28	MRE1022NV Y10D, Y1022	3/8"
PGP1425X03D	14 - 16	.250 X .032	.91	.17	.28	MRE1022NV Y10D, Y1022	3/8"
PGP1025X03D	10 - 12	.250 X .032	.95	.27	.28	MRE1022NV Y10D, Y1022	3/8"

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

TYPE PGN FINGRIP™

NYLON COMBINATION DISCONNECT TERMINALS

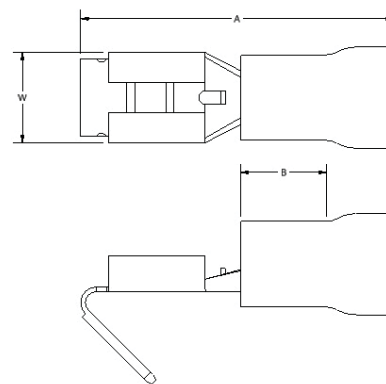


Material: Tin-Plated Brass
300 Volts Max. 105° C Max.

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

Features & Benefits

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



Catalog Number	Wire Range	NEMA Tab Size	A	B	W	Installation Tool**	Wire Strip Length
PGN1825X03D	18 - 22	.250 X .032	.90	.17	.28	MRE1022NV Y10D Y1022	3/8"
PGN1425X03D	14 - 16	.250 X .032	.90	.17	.28	MRE1022NV Y10D Y1022	3/8"
PGN1025X03D	10 - 12	.250 X .032	.95	.27	.28	MRE1022NV Y10D Y1022	3/8"

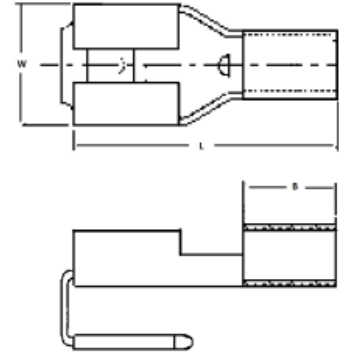
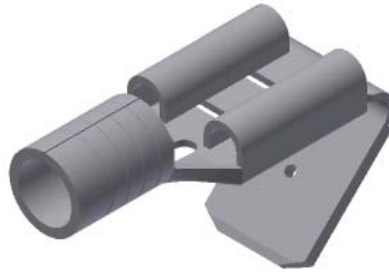
**For UL Listed applications, consult BURNDY® factory.

TYPE PG

MALE/FEMALE COMBINATION QUICK DISCONNECTS

Material: Tin Plated Brass

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



Features & Benefits

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

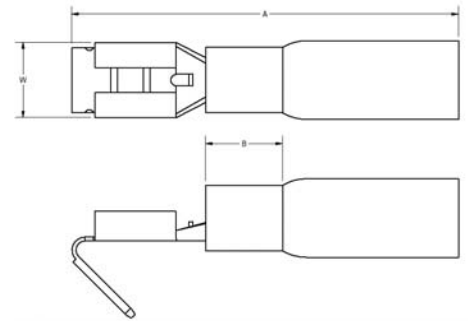
Catalog Number	Wire Range	NEMA Tab Size	B	L	W	Installation Tool	Wire Strip Length
PG1825X03D	22 - 18 AWG	.250 X .032	.17	.79	.25	MRE1022B Y10D Y10-22	3/8"
PG1425X03D	16 - 14 AWG	.250 X .032	.17	.79	.25	MRE1022B Y10D Y10-22	3/8"
PG1025X03D	12 - 10 AWG	.250 X .032	.27	.89	.25	MRE1022B Y10D Y10-22	3/8"

TYPE PGHS

HEAT SHRINK COMBINATION DISCONNECT TERMINALS

For Use on Copper Conductor

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



Features & Benefits

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

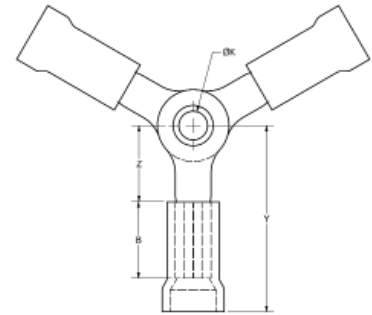
Catalog Number	Wire Range	NEMA Tab Size	A	B	W	Installation Tool	Wire Strip Length
PGHS1825X03D	22 - 18 AWG	.250 X .032	.91	.17	.25	Y10D Y1022 MR22	5/16"
PGHS1425X03D	16 - 14 AWG	.250 X .032	.91	.17	.25	Y10D Y1022 MR22	5/16"

TYPE YATW-P

HYDENT™

Terminal - Vinyl Insulated,
Three-Way Ring Tongue

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



Features & Benefits

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

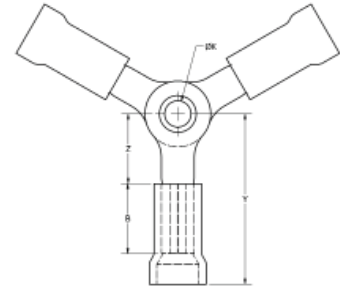
Catalog Number	Wire Range	Insulation Type	Insulation Color	B	Z	K	Y	Installation Tooling	Wire Strip Length
YATW18P	22 - 18 AWG	Vinyl	Red	.25	.23	.15	.73	MRE1022NV Y10D, Y1022	5/16"
YATW14P	16 - 14 AWG	Vinyl	Blue	.25	.28	.15	.78	MRE1022NV Y10D, Y1022	5/16"
YATW10P	12 - 10 AWG	Vinyl	Yellow	.25	.28	.15	.84	MRE1022NV Y10D, Y1022	5/16"

TYPE YATW-N

HYDENT™

Terminal - Nylon Insulated,
Three-Way Ring Tongue

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



Features & Benefits

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

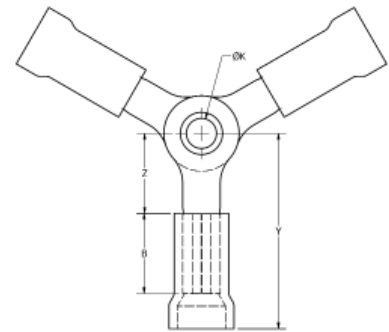
Catalog Number	Wire Range	Insulation Type	Insulation Color	B	Z	K	Y	Installation Tooling	Wire Strip Length
YATW18N	22 - 18 AWG	2 Piece Nylon	Red	.25	.23	.15	.73	MRE1022NV Y10D Y1022	5/16"
YATW14N	16 - 14 AWG	2 Piece Nylon	Blue	.25	.28	.15	.78	MRE1022NV Y10D Y1022	5/16"
YATW10N	12 - 10 AWG	2 Piece Nylon	Yellow	.25	.28	.15	.84	MRE1022NV Y10D Y1022	5/16"

TYPE YATW-NG

HYDENT™

Terminal - Nylon Grip Insulated, Three-Way Ring Tongue

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



Features & Benefits

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

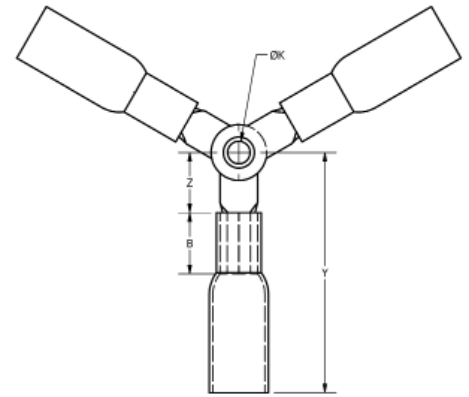
Catalog Number	Wire Range	Insulation Type	Insulation Color	B	Z	K	Y	Installation Tooling	Wire Strip Length
YATW18NG	22 - 18 AWG	3 Piece Nylon	Red	.25	.23	.15	.73	MRE1022NV Y10D Y1022	5/16"
YATW14NG	16 - 14 AWG	3 Piece Nylon	Blue	.25	.28	.15	.78	MRE1022NV Y10D Y1022	5/16"
YATW10NG	12 - 10 AWG	3 Piece Nylon	Yellow	.25	.28	.15	.84	MRE1022NV Y10D Y1022	5/16"

TYPE YATW-HS

HYDENT™

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

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



Features & Benefits

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

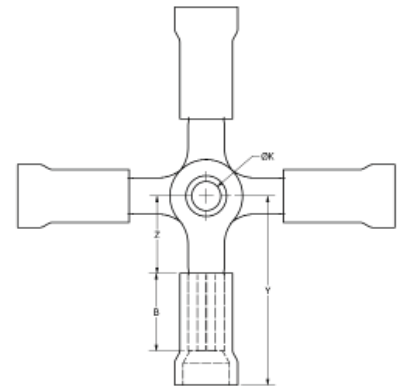
Catalog Number	Wire Range	Insulation Type	Insulation Color	B	Z	K	Y	Installation Tooling	Wire Strip Length
YATW18HS	22 - 18 AWG	Heat Shrink	Red	.25	.23	.15	1.26	MR22 Y10D Y1022	5/16"
YATW14HS	16 - 14 AWG	Heat Shrink	Blue	.25	.28	.15	1.31	MR22 Y10D Y1022	5/16"
YATW10HS	12 - 10 AWG	Heat Shrink	Yellow	.25	.28	.15	1.37	MR22 Y10D Y1022	5/16"

TYPE YAFW-P

HYDENT™

Terminal - Vinyl Insulated,
Four-Way Ring Tongue

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



Features & Benefits

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

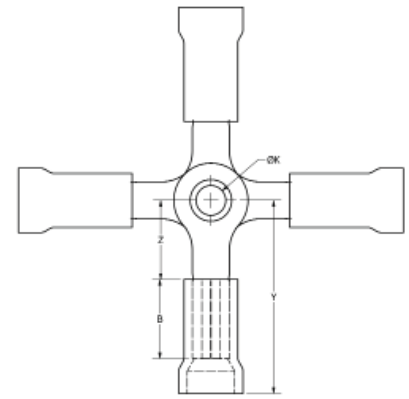
Catalog Number	Wire Range	Insulation Type	Insulation Color	B	Z	K	Y	Installation Tooling	Wire Strip Length
YAFW18P	22 - 18 AWG	Vinyl	Red	.25	.23	.15	.73	MRE1022NV Y10D, Y1022	5/16"
YAFW14P	16 - 14 AWG	Vinyl	Blue	.25	.28	.15	.78	MRE1022NV Y10D, Y1022	5/16"
YAFW10P	12 - 10 AWG	Vinyl	Yellow	.25	.28	.15	.84	MRE1022NV Y10D, Y1022	5/16"

TYPE YAFW-N

HYDENT™

Terminal - Nylon Insulated,
Four-Way Ring Tongue

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



Features & Benefits

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

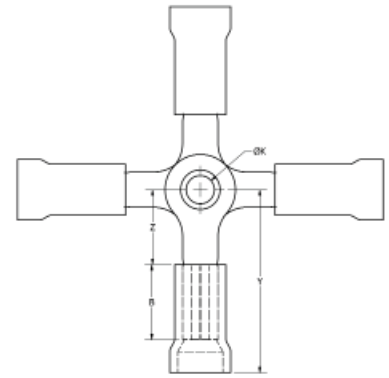
Catalog Number	Wire Range	Insulation Type	Insulation Color	B	Z	K	Y	Installation Tooling	Wire Strip Length
YAFW18N	22 - 18 AWG	2 Piece Nylon	Red	.25	.23	.15	.73	MRE1022NV Y10D Y1022	5/16"
YAFW14N	16 - 14 AWG	2 Piece Nylon	Blue	.25	.28	.15	.78	MRE1022NV Y10D Y1022	5/16"
YAFW10N	12 - 10 AWG	2 Piece Nylon	Yellow	.25	.28	.15	.84	MRE1022NV Y10D Y1022	5/16"

TYPE YAFW-NG

HYDENT™

Terminal - Nylon Grip Insulated, Four-Way Ring Tongue

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



Features & Benefits

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

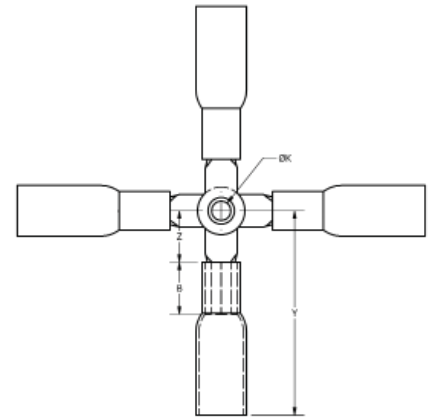
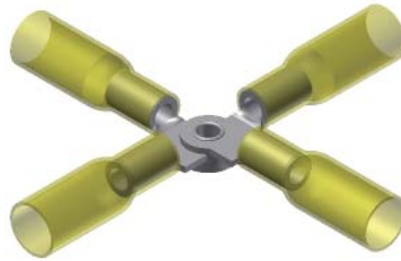
Catalog Number	Wire Range	Insulation Type	Insulation Color	B	Z	K	Y	Installation Tooling	Wire Strip Length
YAFW18NG	22 - 18 AWG	3 Piece Nylon	Red	.25	.23	.15	.73	MRE1022NV Y10D Y1022	5/16"
YAFW14NG	16 - 14 AWG	3 Piece Nylon	Blue	.25	.28	.15	.78	MRE1022NV Y10D Y1022	5/16"
YAFW10NG	12 - 10 AWG	3 Piece Nylon	Yellow	.25	.28	.15	.84	MRE1022NV Y10D Y1022	5/16"

TYPE YAFW-HS

HYDENT™

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

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



Features & Benefits

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

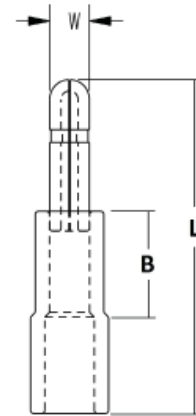
Catalog Number	Wire Range	Insulation Type	Insulation Color	B	Z	K	Y	Installation Tooling	Wire Strip Length
YAFW18HS	22 - 18 AWG	Heat Shrink	Red	.25	.25	.15	1.26	MR22 Y10D Y1022	5/16"
YAFW14HS	16 - 14 AWG	Heat Shrink	Blue	.25	.25	.15	1.31	MR22 Y10D Y1022	5/16"
YAFW10HS	12 - 10 AWG	Heat Shrink	Yellow	.25	.25	.15	1.37	MR22 Y10D Y1022	5/16"

TYPE BULM-P

Vinyl Insulated Male Bullet-style Connectors

Vinyl Insulated Male Bullet Connectors

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



Features & Benefits

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

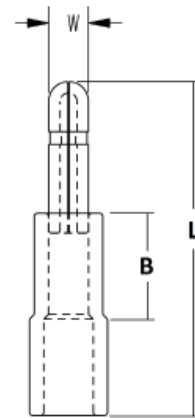
Catalog Number	Wire Range	L	W	B	Tooling	Wire Strip Length
BULM18P	22-18	.83	.157	.21	MRE1022NV Y10D, Y1022	5/16"
BULM14P	16-14	.83	.157	.21	MRE1022NV Y10D, Y1022	5/16"
BULM10P	12-10	.83	.195	.21	MRE1022NV Y10D, Y1022	5/16"

TYPE BULM-N

Nylon Insulated Male Bullet-style Connectors

Nylon Insulated Bullet connectors

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



Features & Benefits

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

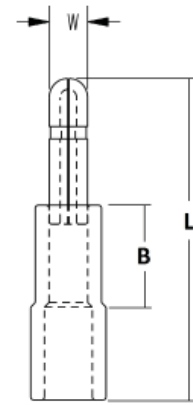
Catalog Number	Wire Range	L	B	W	Installation Tooling	Wire Strip Length
BULM18N	22 - 18	.83	.21	.157	MRE1022NV Y10D Y1022	5/16"
BULM14N	16 - 14	.83	.21	.157	MRE1022NV Y10D Y1022	5/16"

TYPE BULM-NG

Nylon Grip Insulated Male Bullet-style Connectors

Nylon Grip Insulated Bullet connectors

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



Features & Benefits

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

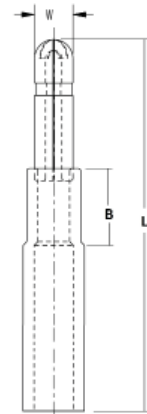
Catalog Number	Wire Range	L	B	W	Installation Tooling	Wire Strip Length
BULM18NG	22 - 18	.83	.21	.157	MRE1022NV Y10D Y1022	5/16"
BULM14NG	16 - 14	.83	.21	.157	MRE1022NV Y10D Y1022	5/16"

TYPE BULM-HS

Heat Shrink Insulated Male Bullet-style Connectors

Heat shrink Insulated Bullet connectors

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



Features & Benefits

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

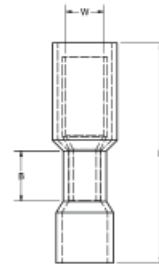
Catalog Number	Wire Range	L	B	W	Installation Tooling	Wire Strip Length
BULM18HS	22 - 18	1.30	.21	.157	MR22 Y10D Y1022	5/16"
BULM14HS	16 - 14	1.30	.21	.157	MR22 Y10D Y1022	5/16"

TYPE BULF-P

Vinyl Insulated Female Bullet-style Connectors

Vinyl Insulated Bullet Connectors

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



Features & Benefits

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

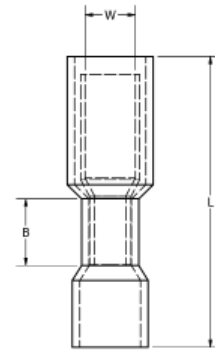
Catalog Number	Wire Range	L	B	W	Installation Tooling	Wire Strip Length
BULF18P	22 - 18	.89	.21	.157	MRE1022NV Y10D, Y1022	5/16"
BULF14P	16 - 14	.89	.21	.157	MRE1022NV Y10D, Y1022	5/16"
BULF10P	12 - 10	.89	.20	.197	MRE1022NV Y10D, Y1022	5/16"

TYPE BULF-N

Nylon Insulated Female Bullet-style Connectors

Nylon Insulated Bullet Connectors

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



Features & Benefits

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

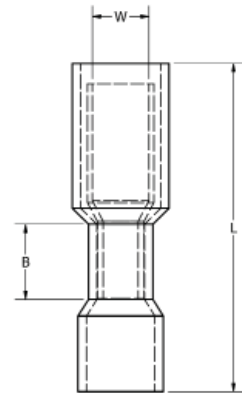
Catalog Number	Wire Range	L	B	W	Installation Tooling	Wire Strip Length
BULF18N	22 - 18	.89	.21	.157	MRE1022NV Y10D Y1022	5/16"
BULF14N	16 - 14	.89	.21	.157	MRE1022NV Y10D Y1022	5/16"

TYPE BULF-NG

Nylon Grip Insulated Female Bullet-style Connectors

Nylon Grip Insulated Bullet Connectors

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



Features & Benefits

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

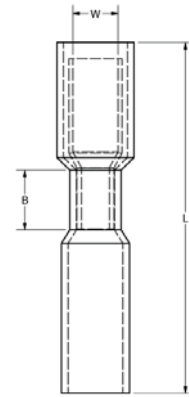
Catalog Number	Wire Range	L	B	W	Installation Tooling	Wire Strip Length
BULF18NG	22 - 18	.89	.21	.157	MRE1022NV Y10D Y1022	5/16"
BULF14NG	16 - 14	.89	.21	.157	MRE1022NV Y10D Y1022	5/16"

TYPE BULF-HS

Heat Shrink Insulated Female Bullet-style Connectors

Heat Shrink Insulated Bullet Connectors

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



Features & Benefits

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

Catalog Number	Wire Range	L	B	W	Installation Tooling	Wire Strip Length
BULF18HS	22 - 18	1.40	.21	.157	MR22 Y10D Y1022	5/16"
BULF14HS	16 - 14	1.40	.21	.157	MR22 Y10D Y1022	5/16"
BULF10HS	12 - 10	1.40	.20	.197	MR22 Y10D Y1022	5/16"

TYPE PTV

VINYLUG™

Pin Terminal

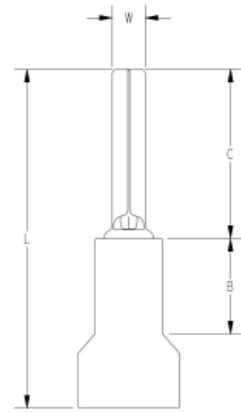
Material: Tin-Plated Brass

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



Features & Benefits

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



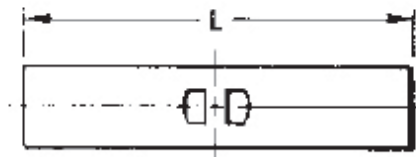
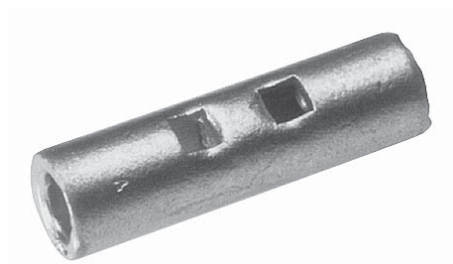
Catalog Number	Wire Range	B	C	L	W	Installation Tooling	Wire Strip Length
PTV18	22 - 18 AWG	.19	.41	.80	.07	MRE1022NV Y10D, Y1022	5/16"
PTV14	16 - 14 AWG	.19	.41	.80	.07	MRE1022NV Y10D, Y1022	5/16"
PTV10	12 - 10 AWG	.27	.50	.97	.11	MRE1022NV Y10D, Y1022	5/16"

TYPE YSV

HYLINK™

Uninsulated Butt Splice
600 Volts Max.

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



Features & Benefits

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

Catalog Number	Wire Range	L	Installation Tooling	Wire Strip Length
YSV18BOX	22 - 18	.66	Non-Ratchet: Y10D, Y1022 Ratchet: MRE1022B, MR20, Y8MRB-1, MR8-9Q*, MR8-G98	1/4"
YSV14BOX	20 - 14	.66	Non-Ratchet: Y10D, Y1022 Ratchet: MRE1022B, MR20, Y8MRB-1, MR8-9Q*, MR8-G98	1/4"
YSV10BOX	12 - 10	.79	Non-Ratchet: Y10D, Y1022 Ratchet: MRE1022B, MR20, Y8MRB-1, MR8-9Q*, MR8-G98	5/16"

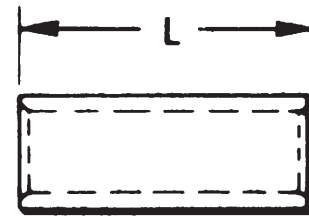
*Remove stop plate.

TYPE YSM

HYLINK™

Uninsulated Parallel Splice

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



Features & Benefits

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

Catalog Number	Circular Mil. Range	L	Installation Tooling	Wire Strip Length
			Ratchet	
YSM18	300 - 1,909	0.25	MR8-9Q*	5/16
YSM14	477 - 4,107	0.25	MR8-9Q*	5/16
YSM10	4,107 - 10,380	0.36	MR8-9Q*, MR4CQ	7/16

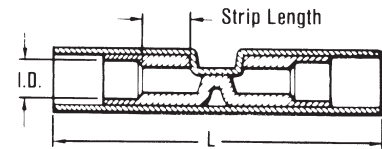
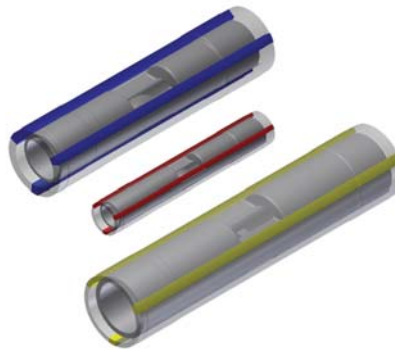
*Remove stop plate.

TYPE YSES-K

INSULINK™

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

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



Features & Benefits

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

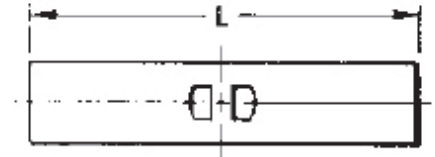
Catalog Number	Wire Range	Color Stripe	Max Insul Dia Accom	L Max.	Installation Tooling	Wire Strip Length
YSES18K	22-18	Red	.112	1.00	Ratchet Tool: MR10G8 Red Groove Calibration Gauge: PG-373-1 Crimp ID Mark: (1) Small Dot	3/16"
YSES14K	16-14	Blue	.153	1.00	Ratchet Tool: MR10G8 Blue Groove Calibration Gauge: PG-371-1 Crimp ID Mark: (2) Small Dots	3/16"
YSES10K	12-10	Yellow	.210	1.38	Ratchet Tool: MR10G8 Yellow Groove Calibration Gauge: PG-372-1 Crimp ID Mark: (1) Large Dot	7/16"

TYPE YSV-B

HYDENT

Uninsulated Butt Splice

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



Features & Benefits

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

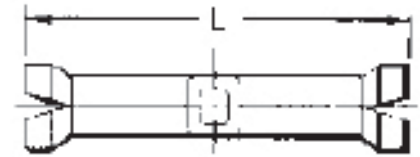
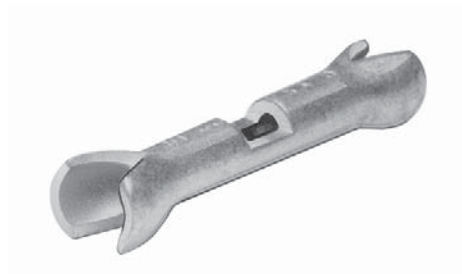
Catalog Number	Wire Range	L	Installation Tooling	Wire Strip Length
YSV18BBOX	22 - 18 AWG	.62	Y10D, Y10-22, MRE1022B, Y8MRB-1, MR8-9Q, MR8-G98, MR20	1/4
YSV14BBOX	16 - 14 AWG	.64	Y10D, Y10-22, MRE1022B, Y8MRB-1, MR8-9Q, MR8-G98, MR20	1/4
YSV10BBOX	12 - 10 AWG	.75	Y10D, Y10-22, MRE1022B, Y8MRB-1, MR8-9Q, MR8-G98, MR20	5/16

TYPE YSV-H

HYLINK™

Uninsulated Butt Splice with Cable Strain Relief

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



Features & Benefits

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

Catalog Number	Wire Range	L	Installation Tooling	Wire Strip Length
YSV18-HBOX	22 - 18	.91	MRE1022B, MR8-9Q*, MR8-G98	1/4"
YSV14-HBOX	20 - 14	1.00	MRE1022B, MR8-9Q*, MR8-G98	1/4"
YSV10-HBOX	12 - 10	1.12	MRE1022B, MR8-9Q*, MR8-G98	5/16"

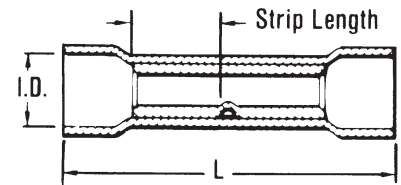
*Remove stop plate.

TYPE SP

VINYLINK™

Splice, Polyvinylchloride Insulated
600 Volts Max., 105° C Max.

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



Features & Benefits

- Manufactured from seamless electrolytic copper tubing
 - ◇ Provides maximum conductivity and tensile strength, in a high quality design with NO seams to split
 - Funnel entry
 - ◇ Provides easy wire insertion
 - Electro-tin plated
 - ◇ Provides durable long lasting resistance to corrosion
 - Expanded insulation support
 - ◇ Lower inventory requirements
- Red wire range of 22-16
 - ◇ Lower inventory requirements
 - Vinyl insulator
 - ◇ Economical means of providing high dielectric values and cable insulation support

Catalog Number	Wire Range	Color Code	L Max.	Max Insul	Installation Tooling	Wire Strip Length
SP16	22 - 16	Red	1.00	.145	Non-Ratchet: Y10-22, Y10D Ratchet: MRE1022NV, MR8G-98, MR15, MR8-89-1	1/4"
SP14	16 - 14	Blue	1.00	.180	Non-Ratchet: Y10-22, Y10D Ratchet: MRE1022NV, MR8G-98, MR15, MR8-89-1	1/4"
SP10	12 - 10	Yellow	1.23	.260	Non-Ratchet: Y10-22, Y10D Ratchet: MRE1022NV, MR8G-98, MR15, MR8-89-1	21/64"

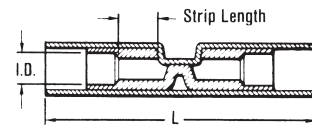
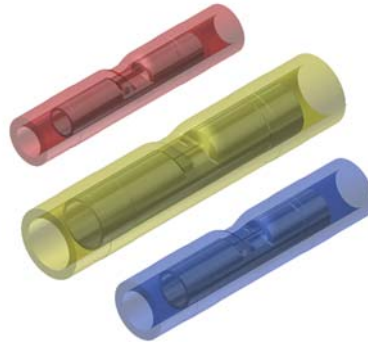
TYPE SN

INSULINK™

Butt Splice, Nylon Insulated
600 Volts Max., 105° C Max.

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

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



Features & Benefits

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



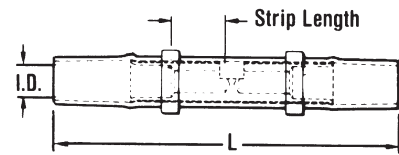
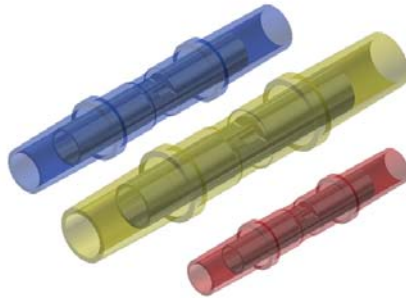
Catalog Number	Wire Range	Color Code	L Max.	Max Insul	Installation Tooling	Wire Strip Length
SN18	22 - 18	Red	1.25	.115	Plier: Y10D, Y1022 Ratchet: MRE1022NV, MR8-83, MR18	15/64"
SN14	16 - 14	Blue	1.25	.150	Plier: Y10D, Y1022 Ratchet: MRE1022NV, MR8-83, MR18	7/32"
SN10	12 - 10	Yellow	1.64	.220	Plier: Y10D, Y1022 Ratchet: MRE1022NV, MR8-85, MR18	3/8"

TYPE SNM

INSULINK™

Butt Splice, Nylon Insulated,
MS25181, Class 1 Splice, 300
Volts, 105° C

The type SNM INSULINK™ is a high quality nylon insulated butt splice designed to meet military MS25181, class 1 requirements.



Features & Benefits

- Manufactured from tin plated, seamless copper tubing with an integral barrel/insulation grip.
 - ◇ Provides maximum tensile strength, plus excellent cable support and strain relief.
- Smooth funnel entry.
 - ◇ Provides easy wire insertion.
- Transparent nylon insulation.
 - ◇ Permits easy wire inspection.
- External ring locator.
 - ◇ Provides proper tool alignment for correct crimp.

Catalog Number	Wire Range	Color Code	L Max.	Max Insul	Installation Tooling	Wire Strip Length
SNM18	22 - 18	Red	1.53	.120	Plier: Y10D, Y1022 Ratchet: MR8-83, MR18	7/32"
SNM14	16 - 14	Blue	1.53	.150	Plier: Y10D, Y1022 Ratchet: MR8-83, MR18	7/32"
SNM10*	12 - 10	Yellow	1.90	0.20	Plier: Y10D, Y1022 Ratchet: MR8-83, MR18	7/32"

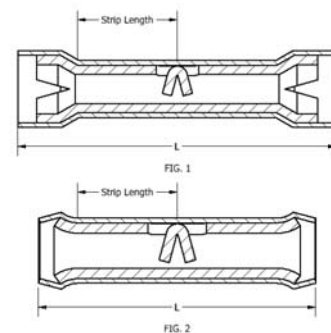
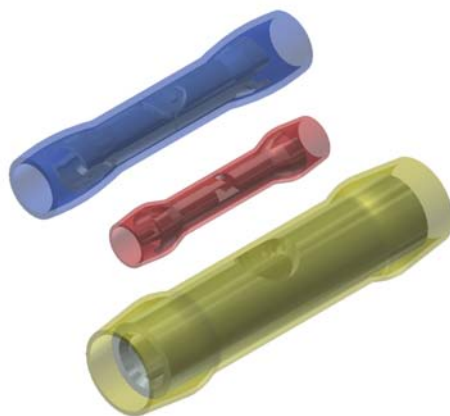
*Not UL Listed or CSA Certified

TYPES YSE BOX, YSE-H BOX

INSULINK™

600 Volts Max., 105° C Max.

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



Features & Benefits

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

Catalog Number	Figure	Wire Range (Code, AWG, Aircraft, AN)	Color Code	L Max.	Max Dia.	Installation Tooling	Wire Strip Length
YSE18H-BOX	1	22 - 18	Red	1.22	.115	Y10D, Y1022 Ratchet: MRE1022NV, MR8-33T-1	9/32
YSE14H-BOX	1	16 - 14	Blue	1.36	.150	Y10D, Y1022 Ratchet: MRE1022NV, MR8-33T-1	11/32
YSE10-BOX	2	12 - 10	Yellow	1.15	.209	Y10D, Y1022 Ratchet: MRE1022NV, MR8-33T-1	23/64

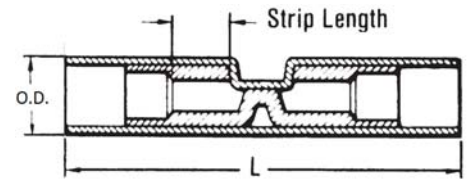
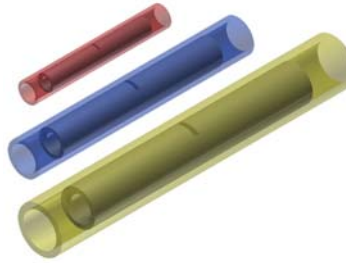
TYPE SN-B

HYDENT™

Butt Splice, Nylon Insulated

600 Volts Max., 105° C Max.

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



Features & Benefits

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

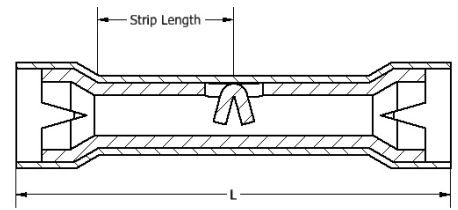
Catalog Number	Wire Range	Color Code	L	OD	Installation Tooling	Wire Strip Length
SN18B	22 - 18 AWG	Red	1.25	.12	Y10D Y1022 MRE1022NV MR8-85	15/64"
SN14B	16 - 14 AWG	Blue	1.25	.15	Y10D Y1022 MRE1022NV MR8-85	7/32"
SN10B	12 - 10 AWG	Yellow	1.64	.22	Y10D Y1022 MRE1022NV MR8-85	3/8"

TYPE YSE-HHS

HYDENT™

Heat Shrink Butt Splices

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



Features & Benefits

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

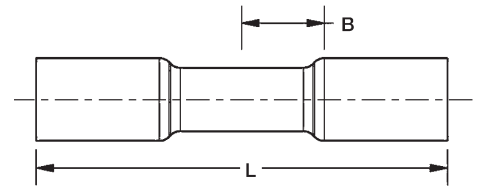
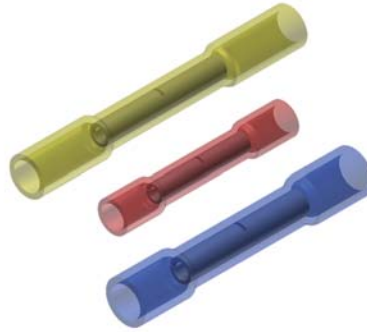
Catalog Number	Wire Range	L	W	Installation Tooling	Wire Strip Length
YSE18HHS	18 - 22	1.50	.17	Y10D, Y1022, MR8-33T-1	9/32"
YSE14HHS	16 - 14	1.50	.20	Y10D, Y1022, MR8-33T-1	11/32"
YSE10HHS	12 - 10	1.60	.25	Y10D, Y1022, MR8-33T-1	23/64"

TYPE YHSS

HYDENT™ HEAT SHRINK BUTT SPLICES

Copper Conductor

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



Features & Benefits

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

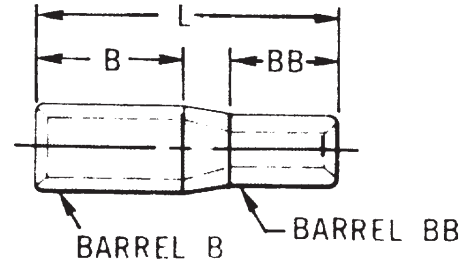
Catalog Number (100/bag)	Catalog No. (20/bag)	Conductor Size	Dimensions		Tooling
			B	L	
YHSS18	YHSS18RK	22-18 AWG	0.25	1.5	Y10D, Y1022, MR22
YHSS14	YHSS14RK	16-14 AWG	0.25	1.5	Y10D, Y1022, MR22
YHSS10	YHSS10RK	12-10 AWG	0.25	1.6	Y10D, Y1022, MR22

TYPE YSV

HYREDUCER™

Reducer Butt Splice

The HYREDUCER™ is a connector for splicing two different size wires. The larger conductor is inserted first and butts against the center of the connector where the smaller barrel begins. Constructed of pure electrolytic copper tubing for maximum conductivity, tin plated to resist corrosion, the HYREDUCER™ accommodates a wide range of cable sizes.



Features & Benefits

- Connector splices two different size wires
- Constructed of pure electrolytic copper tubing for maximum conductivity
- Tin plated to resist corrosion
- Accommodates a large range of cable sizes

Catalog Number	Total Wire Range	B Barrel		BB Barrel		Installation Tooling
		Wire Size	B Dim (Strip Length)	Wire Size	BB Dim (Strip Length)	
YSV1418	22 - 14	20 - 14	.27	22 - 18	.27	Y10D, Y1022, MR20, MRE1022B
YSV1214-G1	16 - 12	12	.31	16 - 14	.27	Y10D, Y1022, MR20, MRE1022B
YSV1014-G2	20 - 10	12 - 10	.31	20 - 14	.27	Y10D, Y1022, MR20, MRE1022B

TYPE YF-UI

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. These terminals are made of electrolytically tin plated copper, uninsulated ferrules are designed to form neat end terminations to multi-strand cables or wires. Smooth funnel entry assists in wire insertion. Specifically designed to



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

Features & Benefits

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

Catalog Number	Wire Size		Dimensions in Inches				Bag Qty	Recommended Tooling
	AWG	mm ²	L1 Dim (in)	D Dim (in)	D1 Dim (in)	D2 Dim (in)		
YF2807UI	28	.14	.28	.04	.03	.06	1000	YF3206TOOL
YF2605UI	26	.25	.19	.04	.03	.06	1000	YF3206TOOL, YF2610TOOL
YF2607UI	26	.25	.28	.04	.03	.06	1000	YF3206TOOL, YF2610TOOL
YF2405UI	24	.34	.19	.05	.03	.06	1000	YF3206TOOL, YF2610TOOL
YF2407UI	24	.34	.28	.05	.03	.06	1000	YF3206TOOL, YF2610TOOL
YF2206UI	22	.50	.24	.05	.04	.07	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF2208UI	22	.50	.32	.05	.04	.07	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF2210UI	22	.50	.40	.05	.04	.07	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF2212UI	22	.50	.47	.05	.04	.07	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF2006UI	20	.75	.24	.06	.05	.08	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF2010UI	20	.75	.39	.06	.05	.08	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF2012UI	20	.75	.47	.06	.05	.08	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF1806UI	18	1.00	.24	.07	.06	.09	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF1808UI	18	1.00	.32	.07	.06	.09	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF1810UI	18	1.00	.39	.07	.06	.09	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL

TYPE YF-UI (continued)

Catalog Number	Wire Size		Dimensions in Inches				Bag Qty	Recommended Tooling
	AWG	mm ²	L1 Dim (in)	D Dim (in)	D1 Dim (in)	D2 Dim (in)		
YF1812UI	18	1.00	.47	.07	.06	.09	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF1607UI	16	1.50	.28	.08	.07	.09	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF1608UI	16	1.50	.32	.08	.07	.09	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF1610UI	16	1.50	.39	.08	.07	.11	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF1612UI	16	1.50	.47	.08	.07	.11	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF1618UI	16	1.50	.71	.08	.07	.09	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF1407UI	14	2.50	.28	.10	.09	.13	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF1408UI	14	2.50	.32	.10	.09	.13	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF1410UI	14	2.50	.39	.10	.09	.13	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF1412UI	14	2.50	.47	.10	.09	.13	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF1418UI	14	2.50	.71	.10	.09	.13	1000	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF1209UI	12	4.00	.35	.13	.11	.15	1000	YF3206TOOL, YF2610TOOL, YF2210TOOL, YF2210FL
YF1212UI	12	4.00	.47	.13	.11	.16	1000	YF3206TOOL, YF2610TOOL, YF2210TOOL, YF2210FL
YF1215UI	12	4.00	.59	.13	.11	.15	1000	YF3206TOOL, YF2610TOOL, YF2210TOOL, YF2210FL
YF1218UI	12	4.00	.71	.13	.11	.15	1000	YF3206TOOL, YF2610TOOL, YF2210TOOL, YF2210FL
YF1010UI	10	6.00	.39	.15	.14	.19	250	YF3206TOOL, YF2610TOOL, YF2210TOOL, YF1006TOOL, YF2210FL
YF1012UI	10	6.00	.47	.15	.14	.19	250	YF3206TOOL, YF2610TOOL, YF2210TOOL, YF1006TOOL, YF2210FL
YF1015UI	10	6.00	.59	.15	.14	.19	250	YF3206TOOL, YF2610TOOL, YF2210TOOL, YF1006TOOL, YF2210FL

TYPE YF-UI (continued)

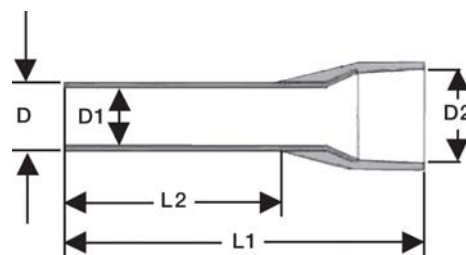
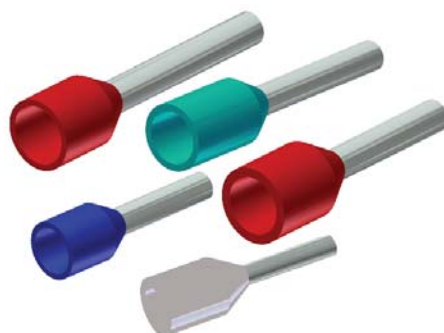
Catalog Number	Wire Size		Dimensions in Inches				Bag Qty	Recommended Tooling
	AWG	mm ²	L1 Dim (in)	D Dim (in)	D1 Dim (in)	D2 Dim (in)		
YF1018UI	10	6.00	.71	.15	.14	.19	250	YF3206TOOL, YF2610TOOL, YF2210TOOL, YF1006TOOL, YF2210FL
YF0812UI	8	10.00	.47	.19	.18	.29	250	YF3206TOOL, YF1006TOOL, YF0801TOOL
YF0815UI	8	10.00	.59	.19	.18	.29	250	YF3206TOOL, YF1006TOOL, YF0801TOOL
YF0818UI	8	10.00	.71	.19	.18	.29	250	YF3206TOOL, YF1006TOOL, YF0801TOOL
YF0612UI	6	16.00	.47	.24	.23	.29	250	YF3206TOOL, YF1006TOOL, YF0801TOOL
YF0615UI	6	16.00	.59	.24	.23	.29	250	YF3206TOOL, YF1006TOOL, YF0801TOOL
YF0618UI	6	16.00	.71	.24	.23	.29	250	YF3206TOOL, YF1006TOOL, YF0801TOOL
YF0625UI	6	16.00	.98	.24	.23	.29	250	YF3206TOOL, YF1006TOOL, YF0801TOOL
YF0412UI	4	25.00	.47	.31	.29	.38	100	YF0801TOOL, YF0401TOOL
YF0415UI	4	25.00	.59	.31	.29	.38	100	YF0801TOOL, YF0401TOOL
YF0418UI	4	25.00	.70	.31	.29	.38	100	YF0801TOOL, YF0401TOOL
YF0420UI	4	25.00	.79	.31	.29	.38	100	YF0801TOOL, YF0401TOOL
YF0425UI	4	25.00	.98	.31	.29	.38	100	YF0801TOOL, YF0401TOOL
YF0432UI	4	25.00	1.26	.31	.29	.38	100	YF0801TOOL, YF0401TOOL
YF0215UI	2	35.00	.98	.43	.41	.51	100	YF0801TOOL, YF0401TOOL
YF0220UI	2	35.00	.79	.34	.33	.40	100	YF0801TOOL, YF0401TOOL
YF0225UI	2	35.00	.98	.34	.33	.40	100	YF0801TOOL, YF0401TOOL
YF0232UI	2	35.00	1.26	.34	.33	.40	100	YF0801TOOL, YF0401TOOL
YF0122UI	1	50.00	.87	.43	.41	.51	50	YF0801TOOL, YF0401TOOL
YF0125UI	1	50.00	.98	.43	.41	.51	50	YF0801TOOL, YF0401TOOL
YF0132UI	1	50.00	1.26	.43	.41	.51	50	YF0801TOOL, YF0401TOOL
YF2/022UI	2/0	70.00	.87	.56	.53	.63	50	YF1/03/0TOOL
YF2/025UI	2/0	70.00	.98	.56	.53	.63	50	YF1/03/0TOOL
YF2/032UI	2/0	70.00	1.26	.56	.53	.63	50	YF1/03/0TOOL
YF3/025UI	3/0	95.00	.98	.61	.58	.68	50	YF1/03/0TOOL
YF3/030UI	3/0	95.00	1.18	.61	.58	.68	50	YF1/03/0TOOL
YF3/032UI	3/0	95.00	1.26	.61	.58	.68	50	YF1/03/0TOOL
YF4/032UI	4/0	120.00	1.26	.70	.70	.81	25	YF1/03/0TOOL
YF4/034UI	4/0	120.00	1.39	.70	.70	.81	25	YF1/03/0TOOL
YF4/040UI	4/0	120.00	1.57	.70	.70	.81	25	YF4/0250TOOL
YF25032UI	250	150.00	1.26	.81	.77	.91	25	YF4/0250TOOL
YF25040UI	250	150.00	1.57	.81	.77	.91	25	YF4/0250TOOL
YF35032UI	350	185.00	1.26	.84	.79	.94	25	Y644HSXT
YF35040UI	350	185.00	1.57	.84	.80	.94	25	Y644HSXT

TYPE YF-I FERRULES

Series D, T & W

INSULATED FERRULES

For Use On Copper Conductor
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 other similar applications. Both styles (single and twin) offer the same features and benefits. The YF-TOOL series has been designed to crimp both the bare (type YF-UI) and insulated (type YF-I) ferrules.

Features & Benefits

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

W Series	D Series	T Series	Wire Size		Dimensions in Inches					Tooling
			AWG	mm ²	L1(in.)	L2 (in)	D (in)	D1 (in)	D2 (in)	
YF2806IW Gray	—	YF2806IT Brown	28	.14	.409	.236	.035	.023	.059	YF3206TOOL
YF2808IW Gray	—	YF2808IT Brown	28	.14	.488	.315	.035	.023	.059	
YF2606IW Light Blue	YF2606ID Purple	YF2606IT Yellow	26	.25	.409	.236	.043	.031	.075	YF3206TOOL, YF2610TOOL
YF2608IW Light Blue	YF2608ID Purple	YF2608IT Yellow	26	.25	.488	.315	.043	.031	.075	
YF2406IW Turquoise	—	YF2406IT Pink	24	.34	.409	.236	.045	.033	.079	YF3206TOOL, YF2610TOOL
YF2408IW Turquoise	—	YF2408IT Pink	24	.34	.488	.315	.045	.033	.079	
YF2205IW Orange	YF2205ID White	YF2205IT White	22	.50	.433	.197	.051	.039	.102	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF2206IW Orange	YF2206ID White	YF2206IT White	22	.50	.472	.236	.051	.039	.102	
YF2208IW Orange	YF2208ID White	YF2208IT White	22	.50	.551	.315	.051	.039	.102	
YF2210IW Orange	YF2210ID White	YF2210IT White	22	.50	.630	.394	.051	.039	.102	
YF2212IW Orange	YF2212ID White	YF2212IT White	22	.50	.709	.472	.051	.039	.102	

TYPE YF-I (continued)

W Series	D Series	T Series	Wire Size		Dimensions in Inches					Tooling
			AWG	mm ²	L1(in.)	L2 (in)	D (in)	D1 (in)	D2 (in)	
YF2006IW White	YF2006ID Gray	YF2006IT Light Blue	20	.75	.472	.236	.059	.047	.110	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF2008IW White	YF2008ID Gray	YF2008IT Light Blue	20	.75	.551	.315	.059	.047	.110	
YF2010IW White	YF2010ID Gray	YF2010IT Light Blue	20	.75	.630	.394	.059	.047	.110	
YF2012IW White	YF2012ID Gray	YF2012IT Light Blue	20	.75	.709	.472	.059	.047	.110	
YF2018IW White	YF2018ID Gray	YF2018IT Light Blue	20	.75	.945	.709	.059	.047	.110	
YF1806IW Yellow	YF1806ID Red	YF1806IT Red	18	1.00	.472	.236	.067	.055	.110	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF1808IW Yellow	YF1808ID Red	YF1808IT Red	18	1.00	.551	.315	.067	.055	.110	
YF1810IW Yellow	YF1810ID Red	YF1810IT Red	18	1.00	.630	.394	.067	.055	.110	
YF1812IW Yellow	YF1812ID Red	YF1812IT Red	18	1.00	.709	.472	.067	.055	.110	
YF1818IW Yellow	YF1818ID Red	YF1818IT Red	18	1.00	.945	.709	.067	.055	.110	
YF1606IW Red	YF1606ID Black	YF1606IT Black	16	1.50	.472	.236	.079	.067	.138	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF1608IW Red	YF1608ID Black	YF1608IT Black	16	1.50	.551	.315	.079	.067	.138	
YF1610IW Red	YF1610ID Black	YF1610IT Black	16	1.50	.630	.394	.079	.067	.138	
YF1612IW Red	YF1612ID Black	YF1612IT Black	16	1.50	.709	.472	.079	.067	.138	
YF1615IW Red	YF1615ID Black	YF1615IT Black	16	1.50	.945	.709	.079	.067	.138	
YF1618IW Red	YF1618ID Black	YF1618IT Black	16	1.50	1.060	.591	.079	.067	.138	
YF1408IW Blue	YF1408ID Blue	YF1408IT Gray	14	2.50	.591	.315	.098	.087	.165	YF3206TOOL, YF2610TOOL, YF2214TOOL, YF2210TOOL, YF2210FL
YF1410IW Blue	YF1410ID Blue	YF1410IT Gray	14	2.50	.685	.394	.098	.087	.165	
YF1412IW Blue	YF1412ID Blue	YF1412IT Gray	14	2.50	.709	.472	.098	.087	.165	
YF1418IW Blue	YF1418ID Blue	YF1418IT Gray	14	2.50	.945	.7409	.098	.087	.165	
YF1209IW Gray	YF1209ID Gray	YF1209IT Orange	12	4.00	.646	.350	.118	.110	.170	YF3206TOOL, YF2610TOOL, YF2210TOOL, YF2210FL

TYPE YF-I (continued)

W Series	D Series	T Series	Wire Size		Dimensions in Inches					Tooling
			AWG	mm ²	L1(in.)	L2 (in)	D (in)	D1 (in)	D2 (in)	
YF1210IW Gray	YF1210ID Gray	YF1210IT Orange	12	4.00	.700	.390	.118	.110	.170	YF3206TOOL, YF2610TOOL, YF2210TOOL, YF2210FL
YF1212IW Gray	YF1212ID Gray	YF1212IT Orange	12	4.00	.770	.470	.118	.110	.170	
YF1218IW Gray	YF1218ID Gray	YF1218IT Orange	12	4.00	1.020	.710	.118	.110	.170	
YF1010IW Black	YF1010ID Yellow	YF1010IT Green	10	6.00	.728	.394	.154	.138	.248	YF3206TOOL, YF2610TOOL, YF2210TOOL, YF1006TOOL, YF2210FL
YF1012IW Black	YF1012ID Yellow	YF1012IT Green	10	6.00	.787	.472	.154	.138	.248	
YF1018IW Black	YF1018ID Yellow	YF1018IT Green	10	6.00	1.020	.709	.154	.138	.248	
YF0812IW Ivory	YF0812ID Red	YF0812IT Brown	8	10.00	.866	.472	.193	.177	.299	YF3206TOOL, YF1006TOOL, YF0801TOOL
YF0815IW Ivory	YF0815ID Red	YF0815IT Brown	8	10.00	.929	.591	.193	.177	.299	
YF0818IW Ivory	YF0818ID Red	YF0818IT Brown	8	10.00	1.100	.709	.193	.177	.299	
YF0612IW Green	YF0612ID Blue	YF0612IT Ivory	6	16.00	.945	.472	.244	.228	.346	YF3206TOOL, YF1006TOOL, YF0801TOOL
YF0618IW Green	YF0618ID Blue	YF0618IT Ivory	6	16.00	1.100	.709	.244	.228	.346	
YF0412IW Brown	YF0412ID Yellow	YF0412IT Black	4	25.00	.945	.472	.303	.287	.441	YF0801TOOL, YF0401TOOL
YF0415IW Brown	YF0415ID Yellow	YF0415IT Black	4	25.00	1.060	.591	.303	.287	.441	
YF0416IW Brown	YF0416ID Yellow	YF0416IT Black	4	25.00	1.100	.630	.303	.287	.441	
YF0418IW Brown	YF0418ID Yellow	YF0418IT Black	4	25.00	1.180	.709	.303	.287	.441	
YF0422IW Brown	YF0422ID Yellow	YF0422IT Black	4	25.00	1.420	.866	.303	.287	.441	
YF0425IW Brown	YF0425ID Yellow	YF0425IT Black	4	25.00	1.450	.984	.303	.287	.441	
YF0216IW Beige	YF0216ID Red	YF0216IT Beige	2	35.00	1.180	.630	.343	.327	.500	YF0801TOOL, YF0401TOOL
YF0218IW Beige	YF0218ID Red	YF0218IT Beige	2	35.00	1.260	.709	.343	.327	.500	
YF0222IW Beige	YF0222ID Red	YF0222IT Beige	2	35.00	1.420	.866	.343	.327	.500	
YF0225IW Beige	YF0225ID Red	YF0225IT Beige	2	35.00	1.530	.984	.343	.327	.500	

TYPE YF-I (continued)

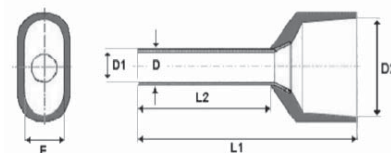
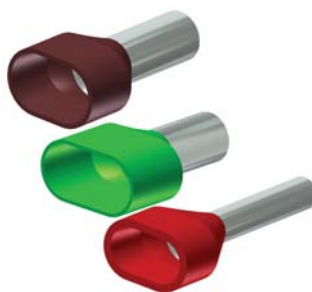
W Series	D Series	T Series	Wire Size		Dimensions in Inches					Tooling
			AWG	mm ²	L1(in.)	L2 (in)	D (in)	D1 (in)	D2 (in)	
YF0112IW Olive Green	YF0112ID Blue	YF0112IT Olive Green	1	50.00	1.100	.472	.429	.406	.591	YF0801TOOL, YF0401TOOL
YF0116IW Olive Green	YF0116ID Blue	YF0116IT Olive Green	1	50.00	1.260	.630	.429	.406	.591	
YF0120IW Olive Green	YF0120ID Blue	YF0120IT Olive Green	1	50.00	1.420	.787	.429	.406	.591	
YF0122IW Olive Green	YF0122ID Blue	YF0122IT Olive Green	1	50.00	1.500	.866	.429	.406	.591	
YF0125IW Olive Green	YF0125ID Blue	YF0125IT Olive Green	1	50.00	1.580	.984	.429	.406	.591	
YF0130IW Olive Green	YF0130ID Blue	YF0130IT Olive Green	1	50.00	1.810	1.180	.429	.406	.591	
—	YF2/020ID Yellow	—	2/0	70.00	1.450	.787	.563	.531	.630	YF1/03/0TOOL
—	YF2/025ID Yellow	—	2/0	70.00	1.650	.984	.563	.531	.630	
—	YF2/027ID Yellow	—	2/0	70.00	1.730	1.060	.563	.531	.630	
—	YF3/025ID Red	—	3/0	95.00	1.730	.984	.614	.583	.725	YF1/03/0TOOL
—	YF3/030ID Red	—	3/0	95.00	1.950	1.180	.614	.583	.725	
—	YF4/027ID Blue	—	4/0	120.00	1.870	1.060	.697	.657	.799	YF4/0250TOOL
—	YF4/030ID Blue	—	4/0	120.00	2.010	1.180	.697	.657	.799	
—	YF4/032ID Blue	—	4/0	120.00	2.070	1.260	.697	.657	.799	
—	YF4/034ID Blue	—	4/0	120.00	2.150	1.340	.697	.657	.799	
—	YF25025ID Yellow	—	250	150.00	1.990	.984	.811	.772	.921	YF4/0250TOOL
—	YF25027ID Yellow	—	250	150.00	2.070	1.060	.811	.772	.921	
—	YF25032ID Yellow	—	250	150.00	2.270	1.260	.811	.772	.921	
—	YF25038ID Yellow	—	250	150.00	2.500	1.500	.811	.772	.921	

TYPES YF-TW, YF-I FERRULES

INSULATED TWIN FERRULES

For Use on Copper Conductor

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



Twin ferrule designs allow two individual stranded conductors to be connected to the same termination, most beneficial in jumpering or other similar applications. Both styles (single and twin) offer the same features and benefits. The YF-TOOL series has been designed to crimp both the bare (type YF) and insulated (type YF-I) ferrules.

Features & Benefits

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

W Series	D Series	T Series	Wire Size		Dimensions in Inches						Tooling
			AWG	mm ²	L1 (in.)	L2 (in.)	D (in.)	D1 (in.)	D2 (in.)	E (in.)	
YFTW0614W Green	YFTW0614D Blue	YFTW0614T Ivory	6	16.00	1.230	.551	.343	.327	.748	.377	YF0801TOOL
YFTW0814W Beige	YFTW0814D Red	YFTW0814T Brown	8	10.00	1.041	.547	.269	.252	.508	.315	
YFTW1014W Black	YFTW1014D Yellow	YFTW1014T Green	10	6.00	.994	.532	.210	.190	.406	.310	
YFTW1212W Gray	YFTW1212D Gray	YFTW1212T Orange	12	4.00	.915	.464	.166	.151	.360	.197	
YFTW1410W Blue	YFTW1410D Blue	YFTW1410T Gray	14	2.50	.766	.393	.127	.112	.310	.166	YF2210TOOL YF2210FL Y3206TOOL
YFTW1413W Blue	YFTW1413D Blue	YFTW1413T Gray	14	2.50	.883	.512	.130	.114	.315	.165	
YFTW1608W Red	YFTW1608D Black	YFTW1608T Black	16	1.50	.654	.305	.104	.089	.263	.145	
YFTW1612W Red	YFTW1612D Black	YFTW1612T Black	16	1.50	.768	.472	.102	.091	.252	.141	
YFTW1808W Yellow	YFTW1808D Red	YFTW1808T Red	18	1.00	.619	.311	.093	.082	.218	.138	
YFTW1810W Yellow	YFTW1810D Red	YFTW1810T Red	18	1.00	.699	.394	.094	.083	.217	.133	
YFTW2008W White	YFTW2008D Gray	YFTW2008T Light Blue	20	.75	.604	.307	.083	.071	.203	.118	
YFTW2010W White	YFTW2010D Gray	YFTW2010T Light Blue	20	.75	.683	.394	.083	.071	.217	.110	
YFTW2208W Orange	YFTW2208D White	YFTW2208T White	22	.50	.599	.304	.071	.060	.192	.106	

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 for each type of connector. Clearly marked on the inside front cover with part numbers and descriptions, the kits contain some of the most common terminals needed on everyday installations.



Features & Benefits

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

Catalog Number: STKIT08

Contains:

Catalog Number	Quantity	Description
SP14	20	#16 - #14 AWG splice; vinyl insulation
QP14M25X03D	10	#16 - #14 AWG male disconnect; .250 tab size; vinyl insulation
QP14F25X03D	10	#16 - #14 AWG female disconnect; .250 tab size; vinyl insulation
TP14-10	20	#16 - #14 AWG ring terminal; 8 - 10 stud size; vinyl insulation
TP14-10F	20	#16 - #14 AWG fork terminal; 8 - 10 stud size; vinyl insulation
SP10	10	#12 - #10 AWG splice; vinyl insulation
TP10-10	20	#12 - #10 AWG ring terminal; 8 - 10 stud size; vinyl insulation
TP10-10F	20	#12 - #10 AWG fork terminal; 8 - 10 stud size; vinyl insulation



Catalog Number: STKIT15

Contains:



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

TYPE CT

UNIRAP™

Standard Nylon Cable Ties

UNIRAP™ nylon cable ties are made of one-piece nylon with no metal parts. The ties are tough, resilient, lightweight and abrasion resistant. They offer high tensile strength and are chemically resistive to solvents, alkalies, oils, grease and diluted acids. Self-locking, they secure without twisting or leaving sharp projections. Compact heads and pre-bent tips facilitate both cable bundling in



tight areas and easily installation. Shown in the table are the most common UNIRAP™ cable ties, BURNDY offers a wide variety of different styles (mounting hole, releasable, identification block) and different tensile strengths along with mounting bases, contact BURNDY for more information.

Features & Benefits

- Pre-bent tip for ease of installation
- Tough, resilient
- Lightweight, abrasion resistant
- Chemically resistive to solvents, alkalies, oils, grease and diluted acids
- Self-locking

Catalog Number	Material	Max. Bundle Dia. (in)	Min. Tensile Strength (lbs)	Length (in)	Width (in)	Installation Tool	Tool Setting
CT18075C	Natural Nylon 6/6	0.75	18	4	0.1	TWT1, MK7	Mini
CT18075C0	Black Nylon 6/6 UV	0.75	18	4	0.1		
CT18125C	Natural Nylon 6/6	1.25	18	5.67	0.1		
CT18125C0	Black Nylon 6/6 UV	1.25	18	5.67	0.1		
CT18200C	Natural Nylon 6/6	2	18	8	0.1		
CT18200C0	Black Nylon 6/6 UV	2	18	8	0.1		
CT30125C	Natural Nylon 6/6	1.25	30	6	0.14	TWT1, MK7	Intermediate
CT30125C0	Black Nylon 6/6 UV	1.25	30	6	0.14		
CT50175C	Natural Nylon 6/6	1.75	50	8	0.18	TWT1, MK7	Standard
CT50175C0	Black Nylon 6/6 UV	1.75	50	8	0.18		
CT50300C	Natural Nylon 6/6	3	50	11.75	0.18		
CT50300C0	Black Nylon 6/6 UV	3	50	11.75	0.18		
CT50400C	Natural Nylon 6/6	4	50	15.5	0.18		
CT50400C0	Black Nylon 6/6 UV	4	50	15.5	0.18		
CT120200L	Natural Nylon 6/6	2	120	8.87	0.3	TWT2, MK9	Standard
CT120200L0	Black Nylon 6/6 UV	2	120	8.87	0.3		
CT120300L	Natural Nylon 6/6	3	120	11.87	0.3		
CT120300L0	Black Nylon 6/6	3	120	11.87	0.3		
CT120400L	Natural Nylon 6/6	4	120	15.25	0.3		
CT120400L0	Black Nylon 6/6 UV	4	120	15.25	0.3		
CT120900L	Natural Nylon 6/6	9	120	29.75	0.3		
CT120900L0	Black Nylon 6/6 UV	9	120	29.75	0.3		

TYPES HS-T-PF, HS-FR, HS-H

Heat Shrink Tubing, in reels or convenient cut lengths

Type HS-T-PF is a flexible thin wall heat shrink made of cross-linked polyolefin. The 2:1 shrink ratio allows for faster shrink recovery. The table shows both 6 inch lengths, 4 foot reels as well as 25 foot reels. The full line offered by BURNDY covers wire sizes #18 AWG to 300 kcmil. Operating temperatures from -55° C to 135° C with a shrink temperature of 120° C. UL Recognized to 600 Volts, CSA Certified and meets MIL-I-23053/5 to 600 Volts.

Type HSC-FR offers excellent flame retardant properties and is a clear, flexible polyvinyl chloride heat shrink tubing. The VISI-SHRINK™ tubing enables inspectors to read die index embossments on installed connectors easily. The table shows 50 foot and 250 foot reels. The full line offered covers wire sizes #16 to 1000 kcmil. UL Recognized to 600 Volts, 105° C, meets MIL-M-23053/Z-206C. The operating temperature from -20° C to 105° C with a shrink temperature of 135° C.



Type HS-H-PF heavy wall heat shrink tubing is flame retardant and made of cross-linked polyolefin. The shrink ratio is 3:1 and the inside diameter is coated with an adhesive sealant to protect against moisture and corrosion. UL 486D Listed for direct burial applications. The full line accommodates #14 AWG-500 kcmil conductor. Available in cut lengths as shown and 4 foot sticks. Operating temperatures from -55° C to 135° C with a shrink temperature of 120° C.

Features & Benefits

- Only requires common hot air guns for application
- Clear versions allow for inspection of die index embossment
- Most versions are UL Recognized, CSA Certified and meet MIL-I-23053
- Heavy wall style features adhesive sealant to protect against moisture and corrosion

Catalog Number	Conductor Range	Color	Packaging Detail	Dimensions (inches)			
				Nominal Diameter	Min. Exp. I.D.	Max. Recovery I.D.	Nom. Wall Thickness
HSM116T6PF26	#18	Multiple	6 inch lengths 8 pieces of black; 3 pieces each of blue, clear, green, red, white, yellow	1/16	0.06	0.03	0.018
HSM332T6PF24	#18-16	Multiple	6 inch lengths 6 pieces of black; 3 pieces each of blue, clear, green, red, white, yellow	3/32	0.09	0.05	0.020
HSM18T6PF20	#18-14	Multiple	6 inch lengths 2 pieces of black; 3 pieces each of blue, clear, green, red, white, yellow	1/8	0.12	0.06	0.020
HSM316T6PF18	#18-12	Multiple	6 inch lengths 6 pieces of black; 2 pieces each of blue, clear, green, red, white, yellow	3/16	0.19	0.09	0.020
HSM14T6PF14	#14-10	Multiple	6 inch lengths 2 pieces of black; 2 pieces each of blue, clear, green, red, white, yellow	1/4	0.25	0.12	0.180

TYPES HS-T-PF, HS-FR, HS-H
(continued)

Catalog Number	Conductor Range	Color	Packaging Detail	Dimensions (inches)			
				Nominal Diameter	Min. Exp. I.D.	Max. Recovery I.D.	Nom. Wall Thickness
HSB116T6PF26	#18	Black	6 inch lengths 26 pieces of black only	1/16	0.06	0.03	0.018
HSB332T6PF24	#18-16	Black	6 inch lengths 24 pieces of black only	3/32	0.09	0.05	0.020
HSB18T6PF20	#18-14	Black	6 inch lengths 20 pieces of black only	1/8	0.12	0.06	0.020
HSB316T6PF18	#18-12	Black	6 inch lengths 18 pieces of black only	3/16	0.19	0.09	0.020
HSB14T6PF14	#14-10	Black	6 inch lengths 14 pieces of black only	1/4	0.25	0.12	0.180
HSB116T48PF	#18	Black	4 foot reel	1/16	0.06	0.03	0.018
HSB332T48PF	#18-16	Black	4 foot reel	3/32	0.09	0.05	0.020
HSC332T48PF	#18-16	Clear	4 foot reel	3/32	0.09	0.05	0.020
HSB18T48PF	#18-14	Black	4 foot reel	1/8	0.12	0.06	0.020
HSC18T48PF	#18-14	Clear	4 foot reel	1/8	0.12	0.06	0.020
HSB316T48PF	#18-12	Black	4 foot reel	3/16	0.19	0.09	0.020
HSC316T48PF	#18-12	Clear	4 foot reel	3/16	0.19	0.09	0.020
HSB14T48PF	#14-10	Black	4 foot reel	1/4	0.25	0.12	0.180
HSC14T48PF	#14-10	Clear	4 foot reel	1/4	0.25	0.12	0.180
HSB116T300PF	#18	Black	25 foot reel	1/16	0.06	0.03	0.018
HSC116T300PF	#18	Clear	25 foot reel	1/16	0.06	0.03	0.018
HSB332T300PF	#18-16	Black	25 foot reel	3/32	0.09	0.05	0.020
HSC332T300PF	#18-16	Clear	25 foot reel	3/32	0.09	0.05	0.020
HSB18T300PF	#18-14	Black	25 foot reel	1/8	0.12	0.06	0.020
HSC18T300PF	#18-14	Clear	25 foot reel	1/8	0.12	0.06	0.020
HSB316T300PF	#18-12	Black	25 foot reel	3/16	0.19	0.09	0.020
HSC316T300PF	#18-12	Clear	25 foot reel	3/16	0.19	0.09	0.020
HSB14T300PF	#14-10	Black	25 foot reel	1/4	0.25	0.12	0.180
HSC14T300PF	#14-10	Clear	25 foot reel	1/4	0.25	0.12	0.180
HSC18FR	#16-14	Clear	50 foot reel; fire retardant clear	1/8	0.13	0.06	0.025
HSC18FR250	#16-14	Clear	250 foot reel; fire retardant clear	1/8	0.13	0.06	0.025
HSC14FR	#12-8	Clear	50 foot reel; fire retardant clear	1/4	0.25	0.13	0.025
HSC14FR250	#12-8	Clear	250 foot reel; fire retardant clear	1/4	0.25	0.13	0.025
HSB35H3PF25	#14-10	Black	3 inch length; 25 pieces; heavy wall style	11/32	0.35	0.15	0.070
HSB35H6PF25	#14-10	Black	6 inch length; 25 pieces; heavy wall style	11/32	0.35	0.15	0.070
HSB35H48PF5	#14-10	Black	4 foot length; 5 pieces; heavy wall style	11/32	0.35	0.15	0.070

TYPE Y10D

Two Tools in One

- #22-10 AWG Vinyl Insulated Connectors
- #22-10 AWG Nylon Insulated Connectors,
- #22-10 AWG Uninsulated Connectors

Hand-held plier type tool that will install #10-22 AWG nylon insulated and uninsulated terminals and splices, with a precision machined wire cutter for aluminum and copper wire in the nose of the tool. Long handles provide greater mechanical advantage.

5-year limited warranty.



Length: 9.75 in
Tool Weight: .82 lb

Features & Benefits

- Easy wire cutting with precision machined cutting blade
- Save time, money and lower installed costs with one tool for both nylon insulated and uninsulated (bare) connectors
- Easy tool operation out of the carton, no need to break in the tool prior to actual usage
- A heavy duty forged steel tool that has a rust resistant finish to provide a long durable life
- Easier crimping on #22-10 bare and nylon insulated connectors because of the longer handles providing greater mechanical advantage*
- Comfort grip handles fit hands comfortably helping make the tool easy to use
- Provides UL Listed and CSA Certified connections when used in conjunction with listed BURNDY® HYLUG™ terminals and HYLINK™ splices
- 5-year limited warranty

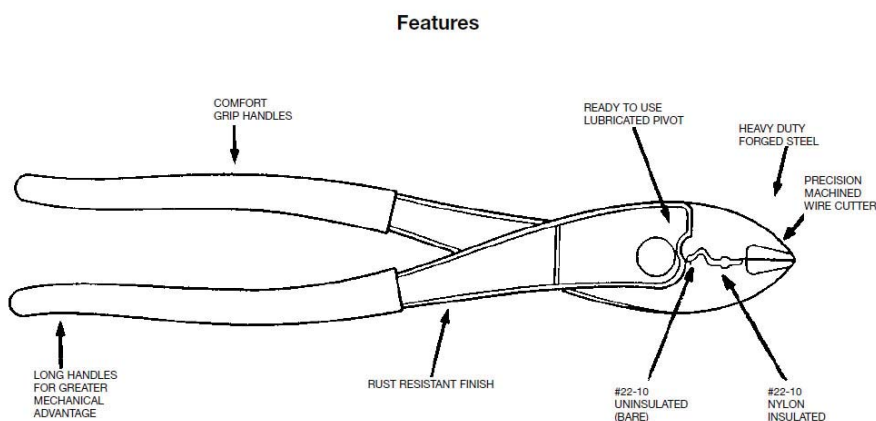
*Conductor crimp only.

For Use On

- #10-22 AWG Vinyl Insulated
- #10-22 AWG Nylon Insulated
- #10-22 AWG Uninsulated (Bare)

Catalog Types:

BULF-HS	TP
BULF-N	TP-BF
BULF-NG	TP-F
BULF-P	TP-LF
BULM-HS	TP-Z
BULM-N	YAE-N
BULM-NG	YAE-N-BF
BULM-P	YAE-N-F
FL	YAE-N-LF
FQN-F	YAE-Z
FQN-M	YAFW-HS
FQP-F	YAFW-N
PG	YAFW-NG
PGHS	YAFW-P
PGN	YATW-HS
PGP	YATW-N
PTV	YATW-NG
Q-F	YATW-P
Q-M	YAV-T-F
QN-F	YAV-Z
QN-M	YHSFQ-F
QP-F	YHSQ-F
QP-M	YHSQ-M
SN	YHSS
SN-B	YSE
SNM	YSE-H*
SP	YSE-HHS
T	YSV
T-BF	YSV
T-F	YSV-B
T-LF	
TN	
TN-BF	
TN-F	
TN-LF	



TYPE Y10-22

HYTOOL™

#22-10 AWG Insulated Connectors,
#22-10 AWG Uninsulated Connectors

Hand-held plier type tool to install #10-22 AWG insulated and uninsulated terminals and splices with a wire cutter in the nose of the tool. Will strip #10-22 AWG wire and cut common size mild steel and non-ferrous screws. 5-year limited warranty.

Features & Benefits

- Easy wire cutting with anvil type wire cutter design
- Crimps full range of insulated terminals and splices #22-10 AWG
- Cut off dies for common size mild steel and non-ferrous screws
- Crimps full range of uninsulated terminals and splices #22-10 AWG
- Full range insulation strippers for wire sizes #22-10. One step stripping
- Comfort grip handles fit hands comfortably helping make the tool easy to use
- 5-year limited warranty

*Conductor crimp only.



Tool Weight: 11 oz
Length: 8-5/8 in

FOR USE ON

#10-22 AWG Nylon Insulated Terminals

<u>Box Cat. Types</u>	<u>Bulk Cat. Types</u>
TN	YAES
TN-F	YAES-F
YAE-N BOX	YAE-N
YAE-N-F BOX	YAE-N-F
YAE-Z BOX	YAE-Z
YAEV BOX	YAEV

#10-22 AWG Nylon Insulated Splices

<u>Box Cat. Types</u>	<u>Bulk Cat. Types</u>
SN	YSE-HN*
SNM	YSES
YSE-H BOX*	YSE-H*

#10-22 AWG Vinyl Insulated Terminals

<u>Box Cat. Types</u>	<u>Bulk Cat. Types</u>
TP	BA
TP-F	BA-EF
TP-Z	BA-EZ

#10-22 AWG Vinyl Insulated Splices

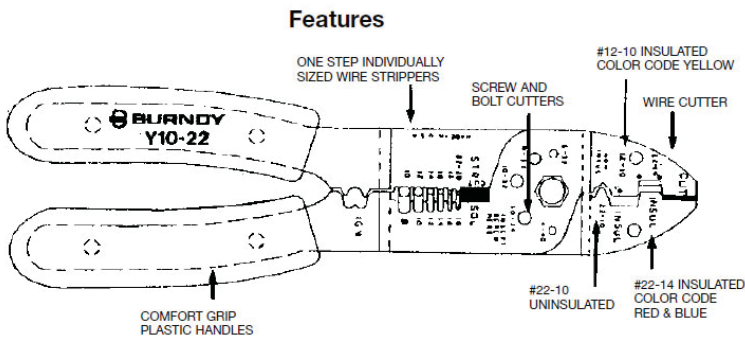
<u>Box Cat. Types</u>	<u>Bulk Cat. Types</u>
SP	BS

#10-22 AWG Uninsulated (Bare) Terminals

<u>Box Cat. Types</u>	<u>Bulk Cat. Types</u>
T	YAD
T-F	YAD-F
YAV BOX	YAV
YAV-T-F BOX	YAV-T-F
YAV-H-F BOX*	YAV-H-F*
YAV-Z BOX	YAV-Z

#10-22 AWG Uninsulated (Bare) Splices

<u>Box Cat. Types</u>	<u>Bulk Cat. Types</u>
YSV BOX	YSV
YSV-H BOX*	YSV-H*



MRE10-22B
MRE10-22NV

HYTOOL™

Ergonomic Full Cycle Ratchet Hand Tools
 MRE10-22B - #10-#22 Uninsulated Connectors
 MRE10-22NV - #10-#22 Nylon and Vinyl Insulated Connectors

The MRE10-22B and MRE10-22NV ergonomic full cycle ratchet tools provide a complete positive crimp each time. The ergonomic comfort grip handles reduce operator fatigue during continuous use. Once started, the ratchet mechanism does not allow the handles to be opened until the full ratcheting cycle is completed, unless the operator actuates the emergency release lever. This provides for a completed crimp before a connector can be removed from the tool. The MRE10-22B crimps uninsulated (bare) terminals and splices ranging from #10 AWG - #22 AWG; the MRE10-22NV crimps nylon and vinyl terminals and splices ranging from #10 AWG - #22 AWG. The dies are color coded and stamped with the conductor size to provide an easy match of the die and proper BURNDY terminal or splice. Each tool comes complete with a 5-year limited warranty.

Features & Benefits

- Ergonomic hand tools for crimping insulated and uninsulated terminals and splices
- Overmolded comfort grip handles reduce fatigue during continuous use
- Easy groove identification with color coded dies
- Full cycle ratchet tool to assure properly crimped connections
- Emergency release mechanism allows tool to open in case of misalignment or mistaken die choice
- Stop plate ensures proper location of terminals for consistent reliable connection every time
- UL Listed/CSA Certified connections when used with recommended BURNDY terminals and splices
- Two tools accommodate nylon, vinyl and uninsulated terminals and splices #22 AWG - #10 AWG
- 5-year limited warranty



Weight: 1.3 lbs
Length: 10.5 in
Width: 3 in
Warranty: 5 Years

FOR USE ON

MRE10-22B for uninsulated (bare) terminals and splices #22-#10 AWG

BURNDY Connector Families:

T- (YAD-), T-F (YAD-F), YAV-, YAV-H, YAV-R, YAV-T-F, YAV-H-F, YAV-Z, YSV, YSV-H

Die Inspection Gauges: **

#22 - #14 AWG: **PG-403-2R**
 #12 - #10 AWG: **PG-403-1R**

MRE10-22NV for nylon and vinyl insulated terminals and splices #22-#10 AWG

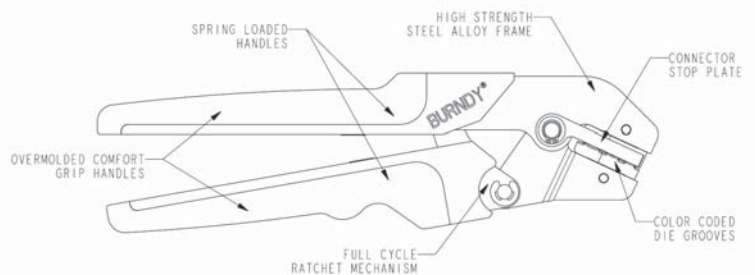
BURNDY Connector Families:

TP- (BA-), TP-F (BA-EF), TP-Z (BA-EZ), TP-LF (BA-EL), SP (BS), TN- (YAES-), TN-F (YAES-F), SNM* (YSES)*, YAE-N-, YAE-N-F, YAE-Z, SN- (YSE-HN), YSE-H, YAEV- [*excludes #10 size]

Die Inspection Gauges: **

#22 - #18 AWG (Red): **PG-406-1**
 #16 - #14 AWG (Blue): **PG-407-1**
 #12 - #10 AWG (Yellow): **PG-408-1**

**Die Inspection Gauges are sold separately



MR15, MR18, MR20

HYTOOL™

FULL CYCLE RATCHET HAND TOOLS

The MR15, MR18 and MR20 incorporate a full cycle ratchet mechanism that provides a complete, positive crimp each time. Once started the ratchet mechanism does not allow the handles to be opened until after the full ratcheting cycle is completed, unless the user actuates the emergency release lever. This provides for a completed crimp before a connector can be removed from the tool.

Features & Benefits

- UL Listed for use with BURNDY connectors
- Fully ratcheted tool to assure properly crimped connections
- Easy groove identification with color coded dies
- Maximum crimping comfort grips
- Compact, narrow nose to work in confined areas
- 5-year limited warranty
- Permanent die sets
- Heavy duty forged steel frame
- Full cycle ratchet mechanism
- Emergency release
- Comfort grip handles



Length: 8.86 in
Weight: 1.10 lbs
Open: 5.90 in
Closed: 2.50 in
Wire Range: #22-#10 AWG

FOR USE ON

MR15 Vinyl Insulated Terminals and Splices (Wire Range 22-10 AWG)

Vinyl Terminals

TP, BA
 TP-F, BA-EF
 TP-Z, BA-EZ
 TP-LF, BA-EL

Vinyl Splices

SP, BS

MR18 Nylon Insulated Terminals and Splices

Nylon Terminals

TN
 TN-F
 YAES
 YAES-F

Nylon Splices

SN
 SNM
 YSE-HN
 YSES

MR20 Uninsulated Terminals and Splices

Terminals

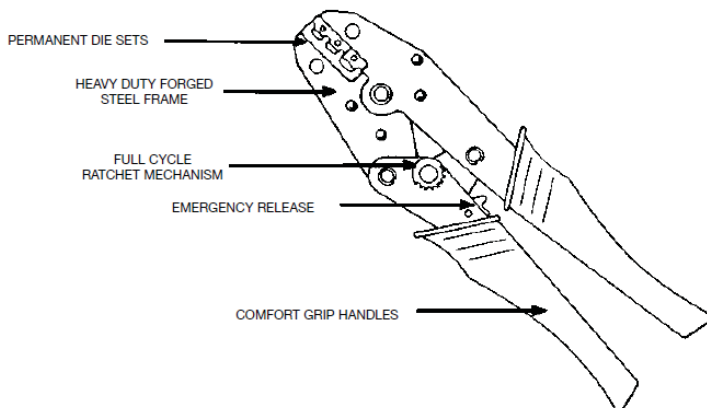
T, YAD-F
 T-F, YAV-H*
 YAV, YAV-H-F*
 YAD
 YAV-T-F

Splices

YSV
 YSV-H*

*Conductor crimp only.

Features



TYPE M8ND

HYTOOL™

Full Cycle Ratchet Hand Tool
#8-26 AWG Terminals and Splices

Hand-held full cycle ratchet tool for #8-26 AWG terminals and splices. Full cycle feature builds in reliability and removes the human element from the completed installation. Long handles provide greater leverage. 5-year limited warranty.



Length: 10-3/4 in
Width: 1-3/4 in

Features & Benefits

- Fully protected ratchet mechanism
- Reinforced heavy duty back
- Long handles provide greater mechanical advantages
- Uses all standard BURNDY "N" dies
- Easy groove identification with color coded dies.
- 5-year limited warranty.
- Removable die sets
- Long, comfortable handle

FOR USE ON

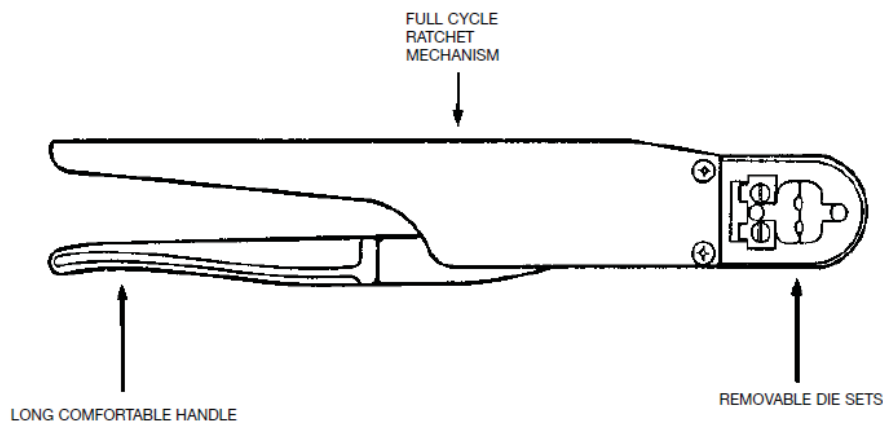
Terminals

YAD, BA-E, YAD-F, BA-EF, YAE, BA-ES, YAE-F, BA-EZ, YAE-Z, BA-EL, YAES, YAEV-H, YAEV-L, YAV, YAV-F, YAV-H, YAV-H-F

Splices

YSV, YSM, YSV-H, YRV-L

Features



YF22-10FL

Dieless, Front Load, Range-Taking Ratchet Tool

YF22-10FL Range-Taking, Ratchet Tool for installing #22 - #10 AWG Insulated and Uninsulated Ferrules

The YF22-10FL ergonomic full cycle ratchet tool provides a complete positive crimp each time. The ergonomic comfort grip handles reduce operator fatigue during continuous use. Once started, the ratchet mechanism does not allow the handles to be opened until the full ratcheting cycle is completed, unless the operator actuates the emergency release lever. This provides for a completed crimp before a ferrule can be removed from the tool. Range-taking to accommodate ferrules from #22-#10 AWG. Each tool comes complete with a 5-year limited warranty.



Weight: 0.82 lbs
Length: 7.75 in
Width: 2.32 in
Warranty: 5 Year Limited

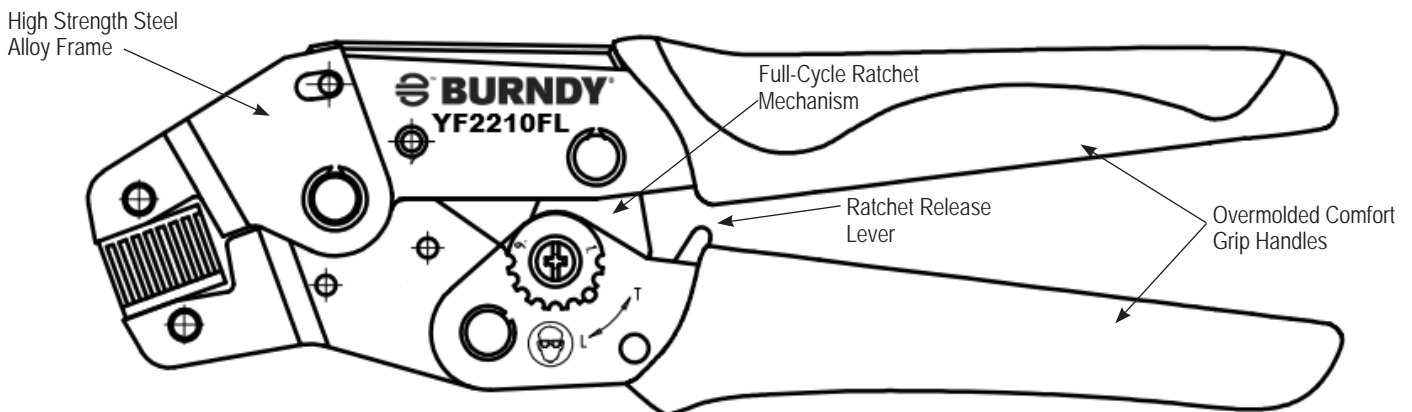
Features & Benefits

- Ergonomic hand tool for crimping insulated and uninsulated ferrules
- Overmolded comfort grip handles reduce fatigue during continuous use
- Full cycle ratchet tool to assure properly crimped connections
- Dieless crimping eliminates the need for multiple die grooves and reduces user error
- Front load crimping position is ideal for use in tight spaces, such as panels and enclosures
- Ratchet mechanism ensures a full crimp cycle
- Ratchet release can be actuated in the event of a misalignment
- Tool is factory set with a precise eccentric cam adjustment function to guarantee performance
- 5-year limited warranty

FOR USE ON

22 - #10 AWG Insulated and Uninsulated Ferrules

BURNDY YF- and YF-UI Compression Wire End Ferrules



Y6NCP1, Y6NCP1SD

PNEUMATIC OEM TOOL

The BURNDY Y6NCP1 and Y6NCP1SD pneumatic tools are designed for OEMs seeking medium-volume production tooling for crimping loose-piece terminals and splices. The tools offer a UL Listed connection for a wide variety of BURNDY connectors.

With a 360° rotatable head, the Y6NCP1 and Y6NCP1SD are the perfect handheld presses for remote operation in confined work areas. Additionally, they can be easily configured into a bench-mount design for prolonged, steady use.

Both tools come with a 1-year limited warranty.

Features and Benefits

- UL Listed connections when using BURNDY UL Listed connectors
 - ◊ Provides installer confidence
- Built-in safety features
 - ◊ Ensures safe set-up
 - ◊ Prevents accidental actuation
- 360° rotating head
 - ◊ Ease of use in confined areas
- J-dies provide high pull-out force
 - ◊ Reliable crimp performance
- SD-dies use an industry-standard die envelope
 - ◊ Dies fit in a wide variety of tools

Tool Supplied With

	Y6NCP1	Y6NCP1SD
Pneumatic crimp tool	✓	✓
Tool Case	✓	✓
1/8" NPT air hose	✓	✓
Crimp head for J-dies	✓	
J-dies		
Crimp head for SD-dies		✓
SD-dies		✓

ACCESSORIES

- Foot Switch: **Y6NCP1FTSW**
 Bench Mount Unit: **Y6NCP1BMNT**
 Crimp heads for J-dies: **J6NCP1CH**
 for SD-dies: **SD10NCP1CH**

See Table for Die Specifications



Tool Specifications

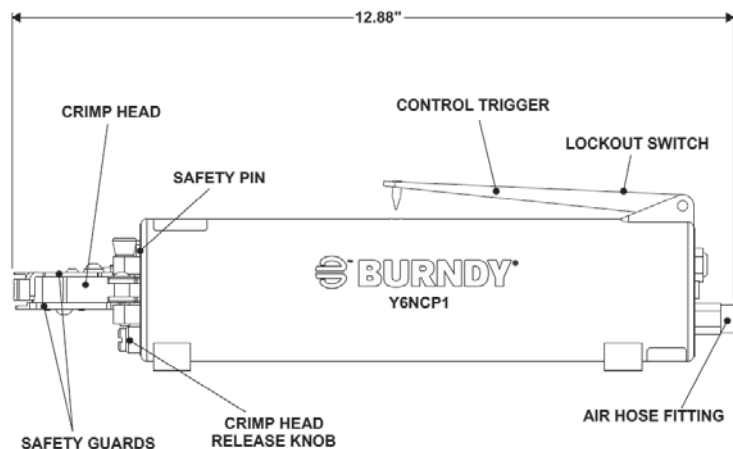
	Y6NCP1	Y6NCP1SD
Cable Sizes	#22 - #4 AWG	#22 - #10 AWG
Length:	12.88"	
Diameter:	2.55"	
Weight:	4.4 lbs	
Air Pressure:	90-110 PSI	
Crimp Motion:	Scissor Action	
Safety Shield:	Yes	
Pull out Force:	Exceeds MIL Spec/SAE*	Exceeds UL 486A/B
Dies:	J-dies	SD-dies ¹

* Excludes YAES/TN- terminals with #12 AWG wire.

¹ SD-die crimp profiles are identical to the MRE1022B and MRE1022NV crimp profiles

Die Specifications

Y6NCP1 (J-dies & Y2CNC purchased separately)	Y6NCP1SD (SD-dies)	Range	Type	Applicable Connectors
J1022NC1	BECNVSD (die set included)	#22 - #10	Nylon	YAE, YAE-N, YAE-N-F, YAE-Z
J1022NC2				YAEV, YAEV-L, YAEV-H, YAEV-RH, YAEV-RS
J1022NC3				TN, YAES, TN-F, YAES-F, SN, YSE-HN
J1022NC4			Vinyl	TP, BA, TP-F, BA-EF, TP-Z, BA-EZ, TP-LF, BA-EL, SP, BS
J1022NC5	BECBSD (die set included)		Bare	T, YAD, T-F, YAD-F, YAV, YAV-L, YAV-H, YAV-R, YAV-RS, YAV-T-F, YAV-H-F, YAV-Z, YSV, YSV-H, YSV-L
Y2CNC w/ J8CNC	-	#8	Bare	YA, YAV, YS & YSV
Y2CNC w/ J6CNC	-	#6		
Y2CNC w/ J4CNC	-	#4		



Y10MRSA1

Ergonomic Full Cycle Ratchet Hand Tool for J-Dies

#22 - #10 AWG Terminals and Splices

The Y10MRSA1 compression hand tool is specifically designed to accommodate BURNDY® J-dies from #22 - #10 AWG for use on both bare and insulated connectors. J-dies offer a positive connection with terminations exceeding SAE Pullout specifications. The Y10MRSA1 produces the same crimp profile as the Y6NCP1 pneumatic OEM tool making this tool a perfect choice for customers wanting a hand tool to match their production tooling. 5-year limited warranty.



Features and Benefits (cont.)

- Different die inserts accommodate a range of Small HYDENT™ terminals and HYSPLICE™ splices (see table below for details)
- High-strength steel frame with rubber covered handles for longevity and comfort

SPECIFICATIONS

Weight: 1.3 lbs
Length: 10.75
Width: 3.08 in
Warranty: 5 Years

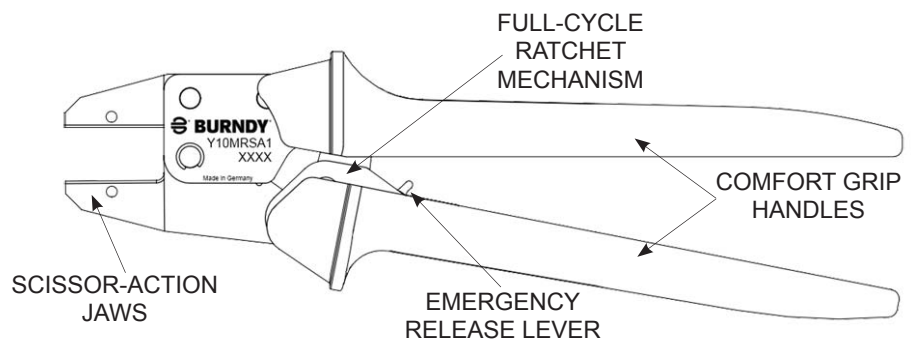
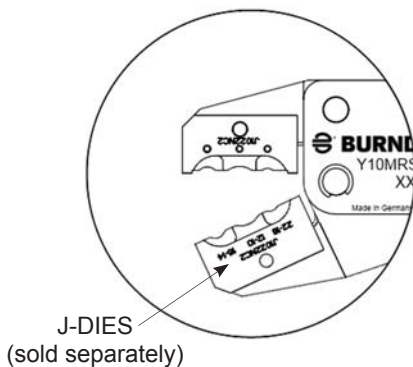
Features and Benefits

- UL Listed connections when using BURNDY UL Listed connectors
- Ergonomic design requires less handle force reducing user fatigue
- Compact, narrow nose, scissor-action and lightweight at only 1.3 lbs
- Full cycle ratchet mechanism provides complete positive crimp every time
- Emergency release lever in case of misalignment or incorrect die choice

FOR USE ON

Die Set (Sold Separately)	Connector Series (#22 - #10 AWG)	Insulation Type
J1022NC1	YAE, YAE-N, YAE-N-F, YAE-Z	Nylon
J1022NC2	YAEV, YAEV-L, YAEV-H, YAEV-RH, YAEV-RS	Nylon
J1022NC3	TN, YAES, TN-F, YAES-F, SN, YSE-HN	Nylon
J1022NC4	TP, BA, TP-F, BA-EF, TP-Z, BA-EZ, TP-LF, BA-EL, SP, BS	Vinyl
J1022NC5	T, YAD, T-F, YAD-F, YAV, YAV-L, YAV-H, YAV-R, YAV-RS, YAV-T-F, YAV-H-F, YAV-Z, YSV, YSV-H, YSV-L	Bare*

*Wire barrel only



Catalog #	Page #	Catalog #	Page #	Catalog #	Page #
BULF10HS	62	FQN18M25X03D	32	MR15	92
BULF10P	59	FQP10F25X03D	33	MR18	92
BULF14HS	62	FQP14F11X03D	33	MR20	92
BULF14N	60	FQP14F18X02D	33	MRE1022B	91
BULF14NG	61	FQP14F25X03D	33	MRE1022NV	91
BULF14P	59, 85	FQP18F11X03D	33	PG1025X03D	45
BULF18HS	62	FQP18F18X02D	33	PG1425X03D	45
BULF18N	60	FQP18F25X03D	33	PG1825X03D	45
BULF18NG	61	HSB116T300PF	88	PG-403-1R	91
BULF18P	59, 85	HSB116T48PF	88	PG-403-2R	91
BULM10P	55	HSB116T6PF26	88	PG-406-1	91
BULM14HS	58	HSB14T300PF	88	PG-407-1	91
BULM14N	56	HSB14T48PF	88	PG-408-1	91
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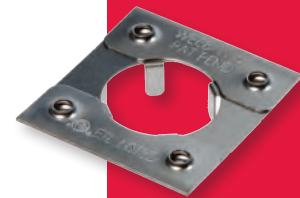
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Renewable Industry

Powering Innovation

As the renewable industry has grown, so too has our involvement. Today, BURNDY supplies products and services that span the entire scope of the wind and solar industries. With our recent acquisition of WILEY and the innovative WEEB portfolio, BURNDY is the leader in renewable grounding and bonding products.



The Grounding Superstore™

One-Stop Shop

In this world, there's not much that runs in a perfectly straight line. That's why BURNDY offers a wide range of grounding options:

- **Mechanical grounding connectors**—the easy-to-install nut-and-bolt design doesn't sacrifice performance
- **BURNDYWeld® exothermic products**—a simple, portable and efficient permanent fusion or molecular weld
- **HYGROUND® Irreversible Compression Grounding System**—the industry's safest, most cost-effective and time-efficient complete grounding system



All Grounding Superstore™ products are built to exceed standard performance guidelines.



Trust the BURNDY® Engineered System

The BURNDY® Engineered System of coordinating dies, connectors and tools are always designed to work together and engineered to meet stringent, accepted quality standards.

Connectors

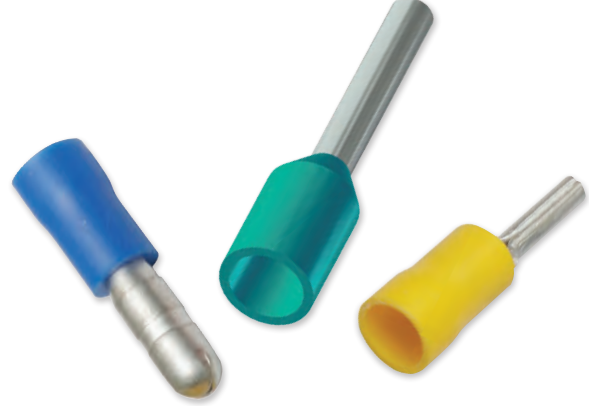


Tools



+

= **conformance**



www.burndy.com | 1-800-346-4175



Customer Service Department

7 Aviation Park Drive
Londonderry, NH 03053
1-800-346-4175
1-603-647-5299 (International)

Canada

1-800-361-6975 (Quebec)
1-800-387-6487 (All other provinces)

Mexico

011-52-722-265-4400

Brazil

011-55-11-5515-7225

Tool Service Center

Littleton Industrial Park
Littleton, NH 03561
1-800-426-8720

 **BURNDY®**