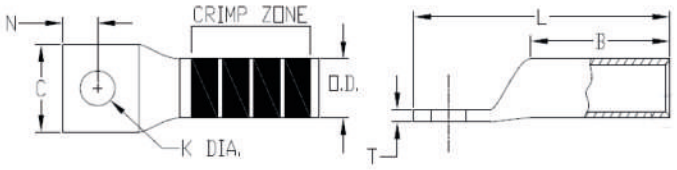
TYPES YA, YA-TC (Continued)





▲ See **Copper Code Long Barrel Terminal Tooling Tables** in this section for complete tool and die listing information.

Catalog Number	Conductor			Color Code	Die Index	Stud Size	Figure Dimensions								Wire Strip Length
	Code	Flex	Metric MM² ***				Stud Hole Diameter (K)	Outside Diameter (OD)	Barrel Length (B)	Pad Width (C)	Overall Length (L)	Hole Spacing (E) & (F)	Hole Offset (N)	Pad Thickness (T)	
YA39N	750 kcmil	—	—	Black	24	1/2	0.56	1.30	2.88	1.91	5.11	—	0.63	0.27	2-15/16
YA39						5/8	0.69	1.30	2.88	1.91	5.17	—	0.66	0.27	
YA40	800 kcmil	—	400	Orange	25	5/8	0.69	1.35	2.94	1.98	5.25	—	0.66	0.30	3
YA41N	850 kcmil	—	—	Gold	26	1/2	0.56	1.38	2.94	2.01	5.20	—	0.63	0.31	3
YA41						5/8	0.69	1.38	2.94	2.01	5.26	—	0.66	0.31	
YA44N	1000 kcmil	—	500	White	27	1/2	0.56	1.50	3.00	2.19	5.38	—	0.63	0.33	3-1/16
YA44						5/8	0.69	1.50	3.00	2.19	5.45	—	0.66	0.33	
YA45	1250 kcmil	—	—	Yellow	29	3/4	0.81	1.69	3.19	2.46	5.93	—	0.75	0.38	3-1/4
YA46N	1500 kcmil	—	—	Green	31	1/2	0.56	1.84	3.19	2.69	5.79	—	0.63	0.40	3-5/16
YA46						3/4	0.81	1.84	3.19	2.69	6.04	—	0.75	0.40	
YA47N	1750 kcmil	—	—	Gray	33	1/2	0.56	1.98	3.44	2.90	6.13	—	0.63	0.46	3-1/2
YA47						3/4	0.81	1.98	3.44	2.90	6.38	—	0.75	0.46	
YA48N	2000 kcmil	—	1000	Brown	34	1/2	0.56	2.13	3.44	3.10	6.22	—	0.63	0.46	3-1/2
YA48						3/4	0.81	2.13	3.44	3.10	6.47	—	0.75	0.46	

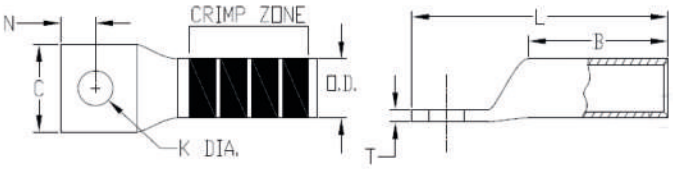
* Available undrilled. Add suffix "U" to the catalog number (example: YA25U)
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor
♦ For applications greater than 2000 volts consult cable manufacturer for voltage stress relief instructions
Notes: All dimensions shown are for reference only.
Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

Compression Connections

Copper Compression — Terminal — Code — One Hole
Long Barrel — No Inspection Window

TYPES YA, YA-TC (Continued)





▲ See **Copper Code Long Barrel Terminal Tooling Tables** in this section for complete tool and die listing information.

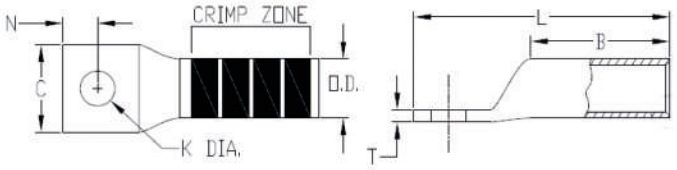
Catalog Number	Conductor			Color Code	Die Index	Stud Size	Figure Dimensions								Wire Strip Length
	Code	Flex	Metric MM² ***				Stud Hole Diameter (K)	Outside Diameter (OD)	Barrel Length (B)	Pad Width (C)	Overall Length (L)	Hole Spacing (E) & (F)	Hole Offset (N)	Pad Thickness (T)	
YA25TC10	1/0 AWG	—	—	Pink	12	#10	0.21	0.51	1.38	0.75	2.30	—	0.25	0.12	1-7/16
YA25						5/16	0.33	0.51	1.38	0.75	2.48	—	0.34	0.13	
YA25TC38						3/8	0.40	0.51	1.38	0.75	2.61	—	0.41	0.12	
YA25N						1/2	0.56	0.51	1.38	0.83	3.05	—	0.63	0.11	
YA26TC14	2/0 AWG	—	70	Black	13	1/4	0.27	0.56	1.50	0.83	2.58	—	0.31	0.12	1-9/16
YA26TC516						5/16	0.33	0.56	1.50	0.83	2.65	—	0.34	0.12	
YA26						3/8	0.40	0.56	1.50	0.83	2.77	—	0.41	0.12	
YA26N						1/2	0.56	0.56	1.50	0.83	3.21	—	0.63	0.12	
YA27	3/0 AWG	——		Orange	14	1/2	0.53	0.62	1.50	0.91	3.06	—	0.53	0.13	1-9/16
YA28TC38	4/0 AWG	—	—	Purple	15	3/8	0.40	0.69	.1.62	1.02	2.98	—	0.41	0.14	1-11/16
YA28						1/2	0.53	0.69	1.62	1.02	3.23	—	0.53	0.14	
YA28N						1/2	0.56	0.69	1.62	1.02	3.41	—	0.63	0.14	
YA29	250 kcmil	—	—	Yellow	16	1/2	0.53	0.75	1.62	1.11	3.26	—	0.53	0.16	1-11/16
YA30	300 kcmil	—	150	White	17 or 298	1/2	0.53	0.81	2.00	1.20	3.69	—	0.53	0.16	2-1/16
YA30N						1/2	0.58	0.81	2.00	1.20	3.88	—	0.63	0.16	
YA31	350 kcmil	—	185	Red	18 or 324	1/2	0.53	0.88	2.00	1.29	3.73	—	0.53	0.18	2-1/16
YA32N	400 kcmil	—	—	Blue	19 or 470	1/2	0.56	0.95	2.12	1.40	4.09	—	0.63	0.19	2-3/16
YA32						5/8	0.69	0.95	2.12	1.40	4.15	—	0.66	0.19	
YA33N	450 kcmil	—	—	Gray	326 or 538	1/2	0.56	1.01	2.13	1.48	4.17	—	0.63	0.21	2-5/16
YA33						5/8	0.69	1.01	2.13	1.48	4.24	—	0.66	0.21	
YA34N	500 kcmil	—	240	Brown	20 or 299	1/2	0.56	1.06	2.25	1.55	4.32	—	0.63	0.23	2-5/16
YA34						5/8	0.69	1.06	2.25	1.55	4.39	—	0.66	0.23	
YA36N	600 kcmil	—	300	Green	22 or 472	1/2	0.56	1.19	2.69	1.74	4.83	—	0.63	0.27	2-3/4
YA36						5/8	0.69	1.19	2.69	1.74	4.90	—	0.66	0.27	
YA37N	650 kcmil	—	—	Orange	23	1/2	0.56	1.23	2.81	1.80	4.98	—	0.63	0.27	2-7/8
YA37						5/8	0.69	1.23	2.81	1.80	5.05	—	0.66	0.27	
YA38N	700 kcmil	—	—	Pink	400	1/2	0.56	1.25	2.81	1.84	5.01	—	0.63	0.27	2-7/8
YA38						5/8	0.69	1.25	2.81	1.84	5.07	—	0.66	0.27	

* Available undrilled. Add suffix "U" to the catalog number (example: YA25U)
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor
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Notes: All dimensions shown are for reference only.
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TYPES YA, YA-TC (Continued)





▲ See **Copper Code Long Barrel Terminal Tooling Tables** in this section for complete tool and die listing information.

Catalog Number	Conductor			Color Code	Die Index	Stud Size	Figure Dimensions								Wire Strip Length
	Code	Flex	Metric MM² ***				Stud Hole Diameter (K)	Outside Diameter (OD)	Barrel Length (B)	Pad Width (C)	Overall Length (L)	Hole Spacing (E) & (F)	Hole Offset (N)	Pad Thickness (T)	
YA8CTC10	8 AWG	#8 G,H,I,K,M DLO	10	Red	49	#10	0.21	0.27	0.81	0.41	1.57	—	0.25	0.08	7/8
YA8CTC14						1/4	0.27	0.27	0.81	0.44	1.69	—	0.31	0.08	
YA8CTC38						3/8	0.40	0.27	0.81	0.58	1.88	—	0.41	0.06	
YA6CTC8	6 AWG 6 Solid	—	—	Blue	7 or 374	#8	0.18	0.29	1.12	0.42	1.83	—	0.22	0.09	1-3/16
YA6CTC10						#10	0.21	0.29	1.12	0.42	1.89	—	0.25	0.09	
YA6C						1/4	0.27	0.29	1.12	0.41	1.81	—	0.25	0.09	
YA6CN						1/2	0.56	0.29	1.12	0.83	2.64	—	0.63	0.12	
YA6CTC516						5/16	0.33	0.29	1.12	0.52	2.08	—	0.34	0.07	
YA6CTC38						3/8	0.41	0.29	1.12	0.58	2.21	—	0.41	0.06	
YA5C	5 AWG	—	—	Blue	7 or 374	1/4	0.27	0.30	1.12	0.44	1.98	—	0.25	0.07	1-3/16
YA5CN						1/2	0.56	0.30	1.12	0.83	2.67	—	0.63	0.12	
YA4CTC10	4 AWG	—	—	Gray	8 or 346	#10	0.21	0.34	1.12	0.50	1.94	—	0.25	0.09	1-3/16
YA4C						1/4	0.27	0.34	1.12	0.50	1.87	—	0.25	0.09	
YA4CTC38						3/8	0.40	0.34	1.12	0.58	2.25	—	0.41	0.08	
YA4CN						1/2	0.56	0.34	1.12	0.83	2.69	—	0.63	0.12	
YA3CTC14	3 AWG 2 Solid	—	25	White	9	1/4	0.27	0.38	1.25	0.55	2.23	—	0.31	0.09	1-5/16
YA3C						5/16	0.33	0.38	1.25	0.55	2.30	—	0.34	0.09	
YA3CTC38						3/8	0.40	0.38	1.25	0.58	2.42	—	0.41	0.08	
YA3CN						1/2	0.56	0.38	1.25	0.83	2.86	—	0.63	0.12	
YA2CTC10	2 AWG	—	35	Brown	10	#10	0.21	0.42	1.25	0.60	2.10	—	0.25	0.11	1-5/16
YA2CTC14						1/4	0.27	0.42	1.25	0.60	2.23	—	0.31	0.11	
YA2C						5/16	0.33	0.42	1.25	0.60	2.29	—	0.34	0.11	
YA2CTC38						3/8	0.41	0.42	1.25	0.60	2.41	—	0.41	0.11	
YA2CN						1/2	0.56	0.42	1.25	0.83	2.88	—	0.63	0.12	
YA1CTC10	1 AWG	—	50	Green	11	#10	0.21	0.46	1.38	0.68	2.27	—	0.25	0.10	1-7/16
YA1CTC14						1/4	0.27	0.46	1.38	0.68	2.39	—	0.31	0.10	
YA1C						5/16	0.33	0.46	1.38	0.68	2.45	—	0.34	0.10	
YA1CTC38						3/8	0.41	0.46	1.38	0.68	2.58	—	0.41	0.10	
YA1CN						1/2	0.56	0.46	1.38	0.83	3.06	—	0.63	0.12	

* Available undrilled. Add suffix "U" to the catalog number (example: YA25U)
*** The MM² conductor sizes listed are the recommendations for Class 2 conductor
♦ For applications greater than 2000 volts consult cable manufacturer for voltage stress relief instructions
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Compression Connections

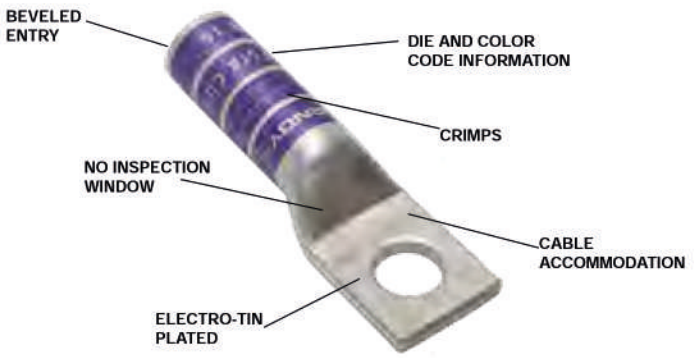
Copper Compression — Terminal — Code — One Hole
Long Barrel — No Inspection Window

TYPES YA, YA-TC

HYLUG™

Uninsulated Copper Compression Terminal
UL Listed 90° C, Up to 35 kV ♦

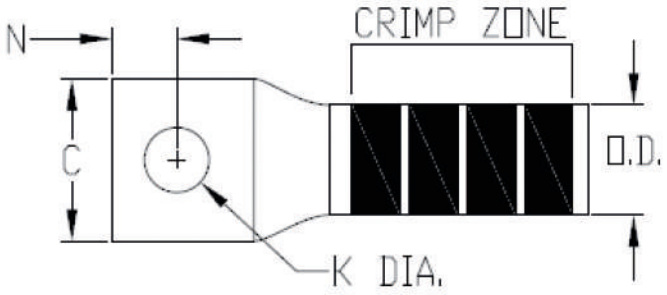
45° and 90° angles available. Please contact Customer Service to order:
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Features & Benefits

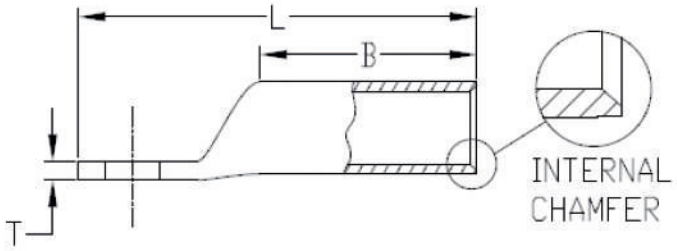
- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire

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



Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G



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