DICOM S.R.L. INGENIEROS | BURNDY

Copper Compression — Terminal — Code — One Hole
Standard Barrel with Inspection Window

Compression Connections

TYPES YA-L, YA-L-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: 1-800-346-4175



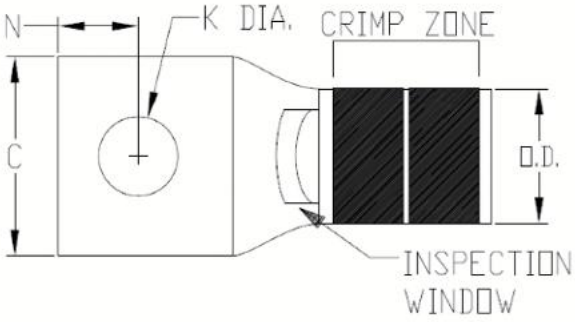
Features & Benefits

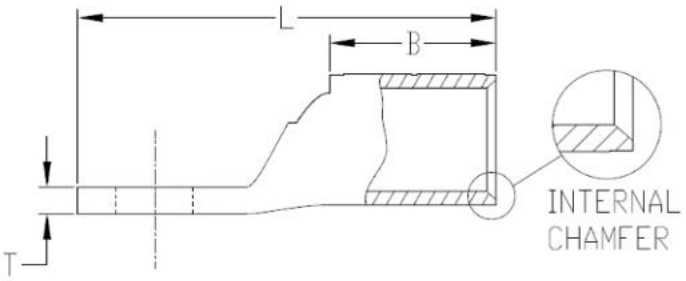
- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel is exposed to corrosive elements when installed
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Short/Standard length barrel is recommended for installations with limited space requirements
- 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

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

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.





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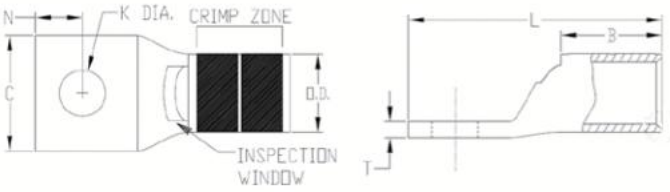
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Compression Connections

Copper Compression — Terminal — Code — One Hole
Standard Barrel with Inspection Window

TYPES YA-L, YA-L-TC (Continued)





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

Catalog Number	Conductor			Color Code	Die Index	Stud Hole Size	Figure Dimensions								Wire Strip Length
	Code	Flex	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)	
YAV10BOX	#14-#10 AWG #12-#10 Sol		6	—	—	#8-#10	0.23	0.21	0.40	0.38	0.97	—	0.20	0.06	7/16"
YAV10T2BOX						5/16	0.34	0.21	0.39	0.53	1.13	—	0.28	0.04	7/16"
YAV10T3BOX						1/4	0.28	0.21	0.41	0.45	1.10	—	0.24	0.05	7/16"
YAV10T4BOX						3/8	0.40	0.21	0.45	0.55	1.17	—	0.29	0.04	
YA8CLBOX	#8 AWG	#8 G,H,I,K,M DLO	10	Red	49	#8-#10	0.21	0.27	0.44	0.41	1.16	—	0.22	0.08	7/16"
YA8CL1BOX						1/4	0.27	0.27	0.44	0.44	1.26	—	0.25	0.08	
YA8CL2BOX						5/16	0.33	0.27	0.44	0.52	1.38	—	0.34	0.06	
YA8CL3BOX						3/8	0.40	0.27	0.44	0.58	1.51	—	0.41	0.06	
YA8CL4BOX						1/2	0.53	0.27	0.44	0.71	1.76	—	0.53	0.05	
YA6CL1BOX	#6 AWG #6 Sol.		—	Blue	7 or 34	#8-#10	0.20	0.29	0.54	0.41	1.27	—	0.22	0.09	9/16
YA6CLBOX						1/4	0.27	0.29	0.54	0.45	1.45	—	0.31	0.08	
YA6CL3BOX						5/16	0.33	0.29	0.54	0.52	1.52	—	0.34	0.07	
YA6CL4BOX						3/8	0.41	0.29	0.54	0.63	1.62	—	0.41	0.06	
YA6CL6						1/2	0.53	0.29	0.54	0.75	1.87	—	0.53	0.12	
YA5CL	#5 AWG		—			1/4	0.27	0.30	0.81	0.44	1.65	—	0.25	0.07	
YA4CL1BOX	#4 AWG		—	Gray	8	#8-#10	0.21	034	0.81	0.50	1.58	—	0.25	0.09	7/8
YA4CLBOX						1/4	0.27	0.34	0.81	0.50	1.74	—	0.31	0.09	
YA4CL3BOX						5/16	034	0.34	0.81	0.50	1.79	—	0.41	0.08	
YA4CL4BOX						3/8	0.40	0.34	0.81	0.58	1.92	—	0.41	0.09	
YA4CL6BOX						1/2	0.53	0.34	0.81	0.71	2.20	—	0.53	0.06	
YA3CL	#3 AWG #2 Sol	—	25	White	9	5/16	0.33	0.38	0.88	0.55	1.88	—	0.34	0.09	15/16
YA2CL2BOX	#2 AWG	—	35	Brown	10	1/4	0.27	0.42	0.88	0.61	1.88	—	0.31	0.11	15/16
YA2CLBOX						5/16	0.33	0.42	0.88	0.61	1.93	—	0.34	0.11	
YA2CL4BOX						3/8	0.40	0.42	0.88	0.61	2.06	—	0.41	0.11	
YA2CL6BOX						1/2	0.53	0.42	0.88	0.73	2.32	—	0.53	0.09	
YA1CL2	#1 AWG	—	50	Green	11 or 375	1/4	0.27	0.46	0.88	0.68	1.81	—	0.25	0.10	15/16
YA1CLBOX						5/16	0.33	0.46	0.88	0.68	1.94	—	0.34	0.10	
YA1CL4BOX						3/8	0.40	0.46	0.88	0.68	2.06	—	0.41	0.10	
YA1CL6BOX						1/2	0.53	0.46	0.88	0.73	2.37	—	0.53	0.09	

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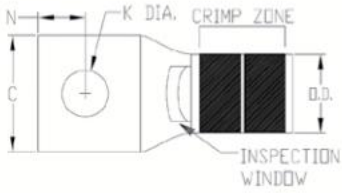
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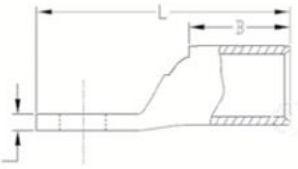
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TYPES YA-L, YA-L-TC (Continued)







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

Catalog Number	Conductor			Color Code	Die Index	Stud Hole Size	Figure Dimensions								Wire Strip Length
	Code	Flex	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)	
YA25L2BOX	1/0 AWG	—	—	Pink	12	1/4	0.27	0.51	0.88	0.75	1.84	—	0.25	0.12	15/16
YA25LBOX						5/16	0.33	0.51	0.88	0.75	1.96	—	0.34	0.12	
YA25L4BOX						3/8	0.41	0.51	0.88	0.75	2.09	—	0.41	0.12	
YA25L6						1/2	0.53	0.51	0.88	0.75	2.34	—	0.53	0.12	
YA26L2BOX	2/0 AWG	—	70	Black	13	1/4	0.27	0.56	0.94	0.83	1.94	—	0.25	0.12	1
YA26L3						5/16	0.33	0.56	0.94	0.83	2.06	—	0.34	0.12	
YA26LBOX						3/8	0.40	0.56	0.94	0.83	2.19	—	0.41	0.12	
YA26L6BOX						1/2	0.53	0.56	0.94	0.83	2.44	—	0.53	0.12	
YA26L60						3/4	0.81	0.56	0.94	1.02	2.96	—	0.75	0.10	
YA27L3	3/0 AWG	—	—	Orange	14	5/16	0.33	0.62	1.00	0.91	2.16	—	0.34	0.13	1-1/16
YA27L4BOX						3/8	0.40	0.62	1.00	0.91	2.29	—	0.41	0.13	
YA27LBOX						1/2	0.53	0.62	1.00	0.91	2.54	—	0.53	0.13	
YA28L2	4/0 AWG	—	—	Purple	15	1/4	0.27	0.69	0.88	1.02	1.96	—	0.25	0.14	1-1/8
YA28L3						5/16	0.33	0.69	0.88	1.02	2.08	—	0.34	0.14	
YA28L4BOX						3/8	0.40	0.69	0.88	1.02	2.21	—	0.41	0.14	
YA28LBOX						1/2	0.53	0.69	0.88	1.02	2.46	—	0.53	0.14	
YA28L56						3/4	0.81	0.69	0.88	1.05	2.90	—	0.75	0.13	
YA29L2	250 kcmil	—	—	Yellow	16	1/4	0.27	0.75	1.06	1.11	2.17	—	0.25	0.16	1-1/8
YA29L4						3/8	0.40	0.75	1.06	1.11	2.42	—	0.41	0.16	
YA29L7						5/16	0.33	0.75	1.06	1.11	2.30	—	0.34	0.16	
YA29LBOX						1/2	0.53	0.75	1.06	1.11	2.67	—	0.53	0.16	
YA29LTC78						7/8	0.94	0.75	1.06	1.11	3.36	—	0.88	0.14	
YA30L1	300 kcmil	—	150	White	17	5/16	0.33	0.81	1.03	1.20	2.31	—	0.34	0.16	1-1/16
YA30L24						3/8	0.40	0.81	1.03	1.20	2.44	—	0.41	0.16	
YA30L						1/2	0.53	0.81	1.03	1.20	2.69	—	0.53	0.16	
YA30LN						1/2	0.56	0.81	1.03	1.20	2.87	—	0.63	0.16	1
YA30L7						5/8	0.69	0.81	1.03	1.20	2.94	—	0.66	0.16	1-1/16
YA30L28						3/4	0.81	0.81	1.03	1.20	3.12	—	0.75	0.16	
YA30L27						7/8	1.20	0.81	1.03	1.20	3.37	—	0.88	0.16	

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor

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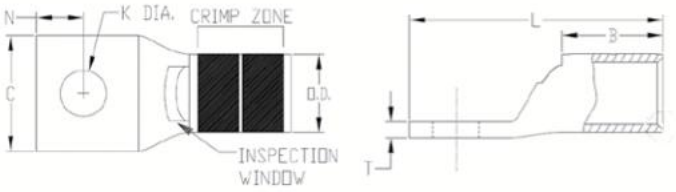
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Compression Connections

Copper Compression — Terminal — Code — One Hole
Standard Barrel with Inspection Window

TYPES YA-L, YA-L-TC (Continued)





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Catalog Number	Conductor			Color Code	Die Index	Stud Hole Size	Figure Dimensions								Wire Strip Length
	AWG	Flex	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)	
YA31L11	350 kcmil	—	185	Red	18	3/8	0.40	0.88	1.06	1.29	2.50	—	0.41	0.18	1-1/8
YA31L						1/2	0.53	0.88	1.06	1.29	2.75	—	0.53	0.18	
YA31L7						5/8	0.69	0.88	1.06	1.29	3.00	—	0.66	0.18	
YA31L36						7/8	0.94	0.88	1.06	1.29	4.02	—	1.19	0.18	
YA32L14	400 kcmil	—	—	Blue	19	3/8	0.40	0.95	1.19	1.40	2.68	—	0.41	0.19	1-1/4
YA32LN						1/2	0.56	0.88	1.19	1.40	3.12	—	0.63	0.19	
YA32L1						1/2	0.53	0.95	1.19	1.40	2.93	—	0.53	0.19	
YA32L						5/8	0.69	0.95	1.19	1.40	3.18	—	0.67	0.19	
YA32LTC78						7/8	0.94	0.95	1.19	1.40	3.62	—	0.88	0.19	
YA33L	450 kcmil	—	—	Gray	326	5/8	0.69	1.01	1.50	1.48	3.57	—	0.66	0.21	1-9/16
YA34L37	500 kcmil	—	240	Brown	20	3/8	0.40	1.06	1.27	1.55	2.87	—	0.41	0.23	1-7/16
YA34L6						1/2	0.53	1.06	1.27	1.55	3.12	—	0.53	0.23	
YA34L						5/8	0.69	1.06	1.27	1.55	3.37	—	0.66	0.23	
YA34L8						3/4	0.81	1.06	1.27	1.55	3.55	—	0.75	0.23	
YA34L9						7/8	0.94	1.06	1.27	1.55	3.80	—	0.88	0.23	
YA34L20						1	1.07	1.06	1.27	1.55	4.05	—	1.00	0.23	
YA36L11	600 kcmil	—	300	Green	22 or 472	1/2	0.53	1.19	1.38	1.74	3.29	—	0.53	0.27	1-3/4
YA36L						5/8	0.69	1.19	1.38	1.74	3.54	—	0.66	0.27	
YA36LTC78						7/8	0.94	1.19	1.38	1.74	3.97	—	0.88	0.27	
YA37L	650 kcmil	—	—	Orange	23	5/8	0.69	1.23	1.39	1.80	3.57	—	0.66	0.27	1-15/16
YA37L1						3/4	0.81	1.23	1.39	1.80	3.76	—	0.75	0.27	
YA38L	700 kcmil	—	—	Pink	400	5/8	0.69	1.25	1.45	1.84	3.66	—	0.66	0.27	1-15/16
YA39L6	750 kcmil	—	—	Black	24	1/2	0.53	1.30	1.42	1.91	3.41	—	0.53	0.27	1-15/16
YA39L						5/8	0.69	1.30	1.42	1.91	3.57	—	0.66	0.27	
YA39L2						7/8	0.94	1.30	1.42	1.91	4.10	—	0.88	0.27	
YA39L9						1-1/4	1.31	1.30	1.42	1.91	4.85	—	1.25	0.27	
YA40L	800 kcmil	—	400	Orange	25	5/8	0.69	1.35	1.42	1.98	3.81	—	0.66	0.30	1-15/16
YA41L	850 kcmil	—	—	Gold	26	5/8	0.69	1.38	1.88	2.01	4.15	—	0.66	0.31	1-15/16
YA44L2	1000 kcmil	—	500	White	27	1/2	0.56	1.50	1.65	2.19	3.98	—	0.63	0.33	1-15/16
YA44L						5/8	0.69	1.50	1.65	2.19	4.04	—	0.66	0.33	
YA44L23						1	1.06	1.50	1.65	2.19	4.73	—	1.00	0.33	

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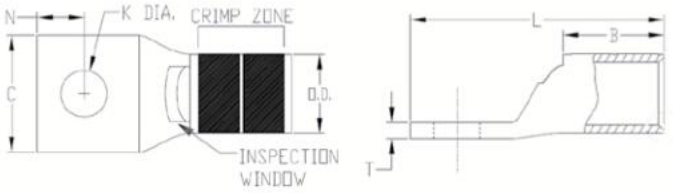
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Catalog Number	Conductor			Color Code	Die Index	Stud Hole Size	Figure Dimensions								Wire Strip Length
	AWG	Flex	MM² ***				Stud Hole Diameter (K)	Outside Diameter (OD)	Barrel Length (B)	Pad Width (C)	Overall Length (L)	Hole Spacing (E) & (F)	Hole Offset (N)	Pad Thickness (T)	
YA45L	1250 kcmil	—	—	Yellow	29	3/4	0.81	1.69	2.00	2.46	4.68	—	0.75	0.38	2-1/16
YA453LBOX	1300 kcmil	—	—	Orange	30	3/4	0.81	1.74	2.00	2.53	4.71	—	0.75	0.39	2-1/16
YA46L	1500 kcmil	—	—	Green	31	3/4	0.81	1.84	2.00	2.69	4.78	—	0.75	0.40	2-1/16
YA48L	2000 kcmil	—	1000	Brown	34	3/4	0.81	2.13	2.25	3.10	5.19	—	0.75	0.46	2-3/8

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