

# Compression Connections

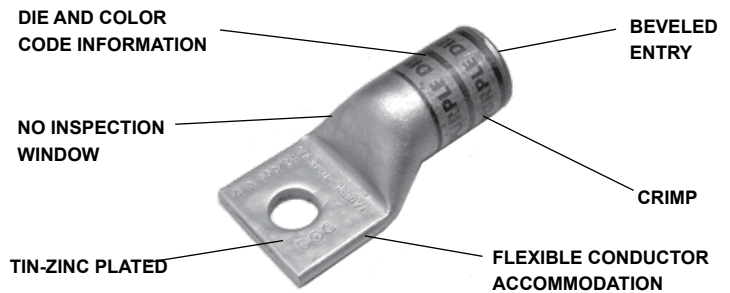
Copper Compression — Flex — One Hole  
Standard Barrel, Tin-Zinc Plated — No Inspection Window

## TYPE YAG-L-FXTZ

### HYTIN-ZCLAD™

Uninsulated Copper Compression Terminal, Tin-Zinc Plated  
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

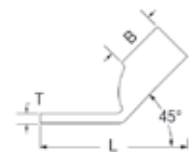
- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Short/Standard length barrel is recommended for installations with limited space requirements
- 45° and 90° angular lugs are available; please contact Customer Service
- Tin-Zinc plated for battery connectors or other heavy duty equipment, to reduce the corrosion from lead/acid batteries
- Connectors are clearly marked with stamping and barrel color coding
- Connectors accommodating wire sizes #10 - 4/0 AWG accommodate both Flex and Code Wire. See Tables on each page for specific details
- 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

**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.

Straight



45°



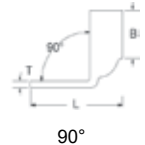
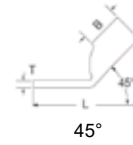
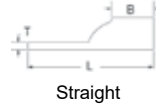
90°



## 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

## TYPE YAG-L-FXTZ (Continued)



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

Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Installation Tooling (# of crimps)					Wire Strip Length
		AWG/ KCML	MM <sup>2</sup> ***			(B)	(T)	(L)	Dieless	MD6, 500, 600 Series, OUR840, MD734R	35, 750, 46* Series	Color Code	Die Index	
YAG8CLTC14FXTZ	1	#8 AWG #8 Flex G,H,I,K,M DLO (37/24)	10	1/4	0.44	0.44	0.08	1.32	MY29 Series (1) Y122CMR (1) Y1MRTC (1) 81K Series (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	1/2
YAG8CLTC38FXTZ	1	#6 SOL #8 SOL		3/8	0.58	0.44	0.06	1.51						
YAG6CLTC14FXTZ	1	#6 AWG #6 Flex G,H,I,K,M DLO (61/24)	16	1/4	0.48	0.50	0.08	1.43	MY29 Series (1) Y122CMR (1) Y1MRTC (1) 81K Series (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	1/2
YAG6CLTC516FXTZ	1			5/16	0.52	0.50	0.07	1.49						
YAG6CLTC38FXTZ	1			3/8	0.58	0.50	0.06	1.61						
YAG6CLTC12FXTZ	1			1/2	0.75	0.50	0.12	1.86						
YAG4CLTC14FXTZ	1	#4 AWG #4 Flex G,H,I,K,M DLO (105/24)	—	1/4	0.55	0.50	0.09	1.48	MY29 Series (1) Y122CMR (2) Y1MRTC (2) 81K Series (1) 644 Series (1) 444 Series (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1)	Gray	8	1/2
YAG4CLTC516FXTZ	1			5/16	0.55	0.50	0.09	1.55						
YAG4CLTC38FXTZ	1			3/8	0.58	0.50	0.08	1.67						
YAG2CLTC14FXTZ	1	#2 AWG #2 Flex G,H,I,K,M DLO (150/24)	35	1/4	0.68	0.63	0.10	1.64	MY29 Series (1) Y122CMR (2) Y1MRTC (2) 881K Series (1) 644 Series (1) 444 Series (1)	W2CRT (1) W2CVT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16
YAG2CLTC516FXTZ	1			5/16	0.68	0.63	0.10	1.70						
YAG2CLTC38FXTZ	1			3/8	0.68	0.63	0.10	1.83						
YAG2CLTC12FXTZ	1			1/2	0.73	0.63	0.09	2.12						
YAG1CLTC516FXTZ	1	#1 AWG #1 Flex G,H,I,K,M DLO (225/24)	—	5/16	0.75	0.69	0.12	1.73	MY29 Series (1) 81K Series (1) 644 Series (1) 444 Series (1)	W1CVT (1) W1CRT (1) X1CRT (1)	U1CRT1 (1)	Green	11	11/16
YAG25LTC38FXTZ	1	1/0 AWG 1/0 Flex G,H,I,K,M DLO (275/24)	50	3/8	0.83	0.69	0.12	1.96	MY29 Series (1) 81K Series (1) 644 Series (1) 444 Series (1)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	Pink	12	11/12
YAG25LTC12FXTZ	1			1/2	0.83	0.69	0.12	2.21						
YAG26LTC38FXTZ	1	2/0 AWG 2/0 Flex G,H,I,K,M DLO (325/24)	70	3/8	0.93	0.81	0.13	2.13	MY29 Series (1) 81K Series (1) 644 Series (1) 444 Series (1)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	13/16
YAG26LTC516FXTZ	1			5/16	0.93	0.81	0.13	2.01						
YAG26LTC12FXTZ	1			1/2	0.93	0.81	0.13	2.38						
YAG27LTC14FXTZ	1	3/0 AWG 3/0 Flex G,H,I,K,M DLO (450/24)	95	1/4	1.03	1.00	0.14	2.18	MY29 Series (1) 81K Series (1) 644 Series (1) 444 Series (1)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1
YAG27LTC38FXTZ	1			3/8	1.03	1.00	0.14	2.37						
YAG27LTC12FXTZ	1			1/2	1.03	1.00	0.14	2.62						

\* Use PUADP1 adapter with U dies in 46 Series of tools

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 5 conductor.

♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: All dimensions shown are for reference only.

# Compression Connections

Copper Compression — Flex — One Hole  
Standard Barrel, Tin-Zinc Plated — No Inspection Window

## TYPE YAG-L-FXTZ (Continued)



Straight



45°



90°

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

Catalog Number	Fig #	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Installation Tooling (# of crimps)					Wire Strip Length
		AWG/ KCML	MM <sup>2</sup> ***			(B)	(T)	(L)	Dieless	MD6, 500, 600 Series, OUR840, MD734R	35, 750, 46* Series	Color Code	Die Index	
YAG28LTC14FXTZ	1			1/4	1.14	1.03	0.15	2.26	MY29 Series (1) 81K Series (1) 644 Series (1) 444 Series (1)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16
YAG28LTC516FXTZ	1	4/0 AWG		5/16	1.14	1.03	0.15	2.32						
YAG28LTC516N66FXTZ	1	4/0 Flex		5/16	1.14	1.03	0.15	2.64						
YAG28LTC38FXTZ	1	G,H,I,K,M	120	3/8	1.14	1.03	0.15	2.45						
YAG28LTC12FXTZ	1	DLO		1/2	1.14	1.03	0.15	2.70						
YAG28LTC58FXTZ	1	(550/24)		5/8	1.14	1.03	0.15	2.95						
YAG29LTC516FXTZ	1	250 kcmil			5/16	1.18	1.03	0.16	2.33	81K Series (1) 644 Series (1) 444 Series (1)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16
YAG29LTC38FXTZ	1	4/0 Flex		3/8	1.18	1.03	0.16	2.45						
YAG32LTC58FXTZ	1	300 kcmil	185	5/8	1.40	1.19	0.19	3.22	81K Series (1) 644 Series (1) 444 Series (1)	W31VT (2) W31RT (2)	U31RT (2)	Red	18	1-1/4
YAG34LTC516FXTZ	1	G,H,I,K,M												
YAG34LTC516N66FXTZ	1	DLO 313												
YAG34LTC38FXTZ	1	(775/24)												
YAG34LTC516FXTZ	1	350 kcmil	240	5/16	1.55	1.27	0.23	2.78	81K Series (1) 644 Series (1) 444 Series (1)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16
YAG34LTC516N66FXTZ	1	G,H,I,K,M												
YAG34LTC38FXTZ	1	DLO 373												
YAG34LTC12FXTZ	1	(925/24)												
YAG38LTC58FXTZ	1	500 kcmil	300	5/8	1.84	1.45	0.27	3.71	81K Series (1) 644 Series (1) 444 Series (1)	—	U38XRT (2)	Pink	L99	1-7/16
		H,I,K												
YAG40LTC12FXTZ	1	550 kcmil	400	1/2	1.96	1.42	0.30	3.48	81K Series (1) 644 Series (1) 444 Series (1)	—	U39RT (2)	Black	24	1-5/16
		G												
		650 kcmil												
		G												
		DLO 646												
		(1600/24)												

\* Use PUADP1 adapter with U dies in 46 Series of tools

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 5 conductor.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

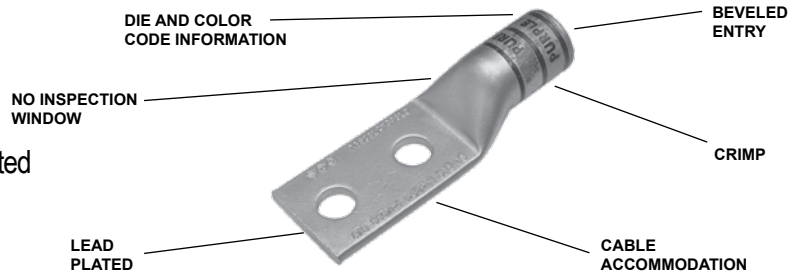
**Note:** All dimensions shown are for reference only.

## TYPE YAG-2L-FXTZ

### HYTIN-ZCLAD™

Uninsulated Copper Compression Terminal, Tin-Zinc Plated  
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

- 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 wire strands during insertion
- Short/Standard length barrel is recommended for installations with limited space requirements
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Tin-Zinc plated for battery connectors or other heavy duty equipment, to reduce the corrosion from lead/acid batteries
- Connectors are clearly marked with stamping and barrel color coding
- Connectors accommodating wire sizes #10 - 4/0 AWG accommodate both Flex and Code Wire. See Tables on each page for specific details
- 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



**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.

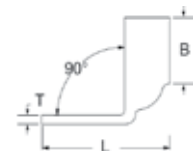
Straight



45°



90°



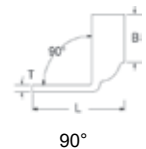
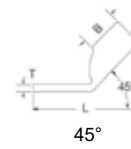
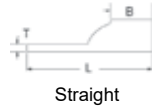
## Accessories

- 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

# Compression Connections

Copper Compression — Flex — Two Hole  
Standard Barrel, Tin-Zinc Plated — No Inspection Window

## TYPE YAG-2L-FXTZ (Continued)



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

Catalog Number	Fig #	Conductor		Stud Hole Size	Hole Spacing	Tongue Width	Figure Dimensions			Installation Tooling (# of crimps)					Wire Strip Length
		AWG/KCMIL	MM <sup>2</sup> ***				(B)	(T)	(L)	Dieless	MD6, 500, 600 Series, OUR840, MD734R	35, 750, 46* Series	Color Code	Die Index	
YAG8CL2TC14FXTZ	1	#8 AWG #8 Flex G,H,I,K,M DLO (37/24) #6 SOL #8 SOL	10	1/4	5/8	0.44	0.44	0.08	1.95	MRC840 (1) MY29 Series (1) Y8MRB1 (1) Y122CMR (1) Y1MRTC (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	7/16
YAG8CL2TC14E1FXTZ	1			1/4	1.00	0.44	0.44	0.08	2.33						
YAG6CL2TC14FXTZ	1	#6 AWG #6 Flex G,H,I,K,M DLO (61/24)	16	1/4	5/8	0.48	0.50	0.08	2.06	MY29 Series (1) Y122CMR (1) Y1MRTC (1) 81K Series (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	1/2
YAG4CL2TC14FXTZ	1	#4 AWG #4 Flex G,H,I,K,M DLO (105/24)	—	1/4	5/8	0.55	0.50	0.09	2.11	MY29 Series (1) Y122CMR (2) Y1MRTC (2) 81K Series (1) 644 Series (1) 444 Series (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1)	Gray	8	1/2
YAG2CL2TC14FXTZ	1	#2 AWG #2 Flex G,H,I,K,M DLO (150/24)	35	1/4	5/8	0.68	0.63	0.10	2.28	MY29 Series (1) Y122CMR (2) Y1MRTC (2) 81K Series (1) 644 Series (1) 444 Series (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16
YAG2CL2NTCFXTZ	1			1/2	1-3/4	0.83	0.63	0.08	4.03						
YAG26L2NTCFXTZ	1	2/0 AWG 2/0 Flex G,H,I,K,M DLO (325/24)	70	1/2	1-3/4	0.93	0.81	0.13	4.33	MY29 Series (1) 81K Series (1) 644 Series (1) 444 Series (1)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	13/16
YAG27L2NTCFXTZ	1	3/0 AWG 3/0 Flex G,H,I,K,M DLO (450/24)	95	1/2	1-3/4	1.03	1.00	0.14	4.56	MY29 Series (1) 81K Series (1) 644 Series (1) 444 Series (1)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1
YAG28L2TC516FXTZ	1	4/0 AWG 4/0 Flex G,H,I,K,M DLO (550/24)	120	5/16	1.00	1.14	1.03	0.15	3.33	MY29 Series (1) 81K Series (1) 644 Series (1) 444 Series (1)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16
YAG28L2TC38FXTZ	1			3/8	1.00	1.14	1.03	0.15	3.46						
YAG28L2NT38FXTZ	1			3/8	1.00	0.94	1.03	0.17	3.48						
YAG28L2TC38FXDITZ	1			3/8	1.00	1.14	1.03	0.15	3.46						
YAG28L2NTCFXTZ	1			1/2	1-3/4	1.14	1.03	0.15	4.65						

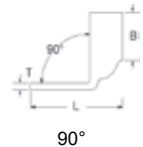
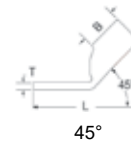
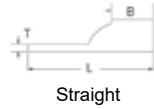
\* Use PUADP1 adapter with U dies in 46 Series of tools

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 5 conductor.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

**Note:** All dimensions shown are for reference only.

## TYPE YAG-2L-FXTZ (Continued)



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

Catalog Number	Fig #	Conductor		Stud Hole Size	Hole Spacing	Tongue Width	Figure Dimensions			Installation Tooling (# of crimps)					Wire Strip Length
		AWG/ KCML	MM <sup>2</sup> ***				(B)	(T)	(L)	Dieless	MD6, 500, 600 Series, OUR840, MD734R	35, 750, 46* Series	Color Code	Die Index	
YAG29L2TC38FXTZ	1	250 kcmil	—	3/8	1.00	1.18	1.03	0.16	3.43	81K Series (1) 644 Series (1) 444 Series (1)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/16
YAG29L2NT38FXTZ	1	4/0 Flex			1.00	0.94	1.03	0.16	3.48						
YAG29L2NT38FX90TZ	3	G,H,I,K,M			1.00	0.94	1.03	0.16	2.36						
YAG29L2NTCFXTZ	1	DLO 262 (550/24)			1/2	1-3/4	1.18	1.03	0.16						
YAG31L2NTC38FXTZ	1	250 kcmil I,K,M	150	3/8	1-3/4	1.29	1.06	0.18	3.54	81K Series (1) 644 Series (1) 444 Series (1)	W30VT (2) W30RT (2)	U30RT (2)	White	17	1-1/8
YAG34L2TC38FXTZ	1	DLO 262 (650/24)													
YAG34L2NTCFXTZ	1	350 kcmil G,H,I,K,M	240	1/2	1-3/4	1.55	1.27	0.23	3.92	81K Series (1) 644 Series (1) 444 Series (1)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19	1-5/16
YAG34L2NTCFXTZ	1	DLO 373 (925/24)													
YAG38L2TC12FXTZ	1	500 kcmil H,I,K	300	1/2	1-1/4	1.82	1.45	0.27	4.72	81K Series (1) 644 Series (1) 444 Series (1)	—	U38XRT (2)	Pink	20	1-3/8
YAG38L2NTCFXTZ	1	550 kcmil G,H,I													
YAG40L2NNTFXTZ	1	DLO 535 (325/24)	400	1/2	1-3/4	1.63	1.42	0.30	5.43	81K Series (2) 644 Series (1) 444 Series (1)	—	U39RT (2)	Black	24	1-5/16
YAG44L2TC38FXTZ	1	650 kcmil G													
YAG44L2NTCFXTZ	1	DLO 646 (1600/24)	500	1/2	1-3/4	2.18	1.65	0.33	4.80	81K Series (2) 644 Series (1) 444 Series (1)	—	U44XRT (2) P44XRT (2)	Yellow	L115	1-5/8
YAG44L2NTCFXTZ	1	750 kcmil G,H													
YAG44L2NTCFXTZ	1	DLO 777 (1925/24)													

\* Use PUADP1 adapter with U dies in 46 Series of tools

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 5 conductor.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

**Note:** All dimensions shown are for reference only.