

Catalog Number	Wire Size	Figure	Dimensions								Color Code Die Index	Wire Strip Length
	Class B,C Conductor		Stud Size	Stud Hole Diameter (K)	Outside Diameter (OD)	Barrel Length (B)	Pad Width (C)	Overall Length (L)	Hole Spacing (E)	Pad Thickness (T)		
YA25LN50T14E	1/0 AWG	1	1/4	0.28	0.51	0.88	0.50	1.84	--	0.12	Pink 12	15/16"
YA25LN64T516E	1/0 AWG	1	5/16	0.33	0.51	0.88	0.64	1.96	--	0.12	Pink 12	15/16"
YA26LN50T14E	2/0 AWG	1	1/4	0.28	0.56	0.94	0.50	1.94	--	0.12	Black 13	1"
YA30LN98T516E	300 kcmil	1	5/16	0.33	0.81	1.03	0.98	2.31	--	0.16	White 17	1-1/8"
YA30L24N100T38E	300 kcmil	1	3/8	0.41	0.81	1.03	1.00	2.44	--	0.16	White 17	1-1/8"
YA34L6N119T12E	500 kcmil	1	1/2	0.56	1.06	1.27	1.19	3.31	--	0.23	Brown 20	1-5/16"
YA34L6N131T12E	500 kcmil	1	1/2	0.56	1.06	1.27	1.31	3.31	--	0.23	Brown 20	1-5/16"
YA342LNN119T12E	500 kcmil	2	1/2	0.56	1.05	1.27	1.19	5.06	1.75	0.22	Brown 20	1-5/16"
YA342LNN131T12E	500 kcmil	2	1/2	0.56	1.05	1.27	1.31	5.06	1.75	0.22	Brown 20	1-5/16"
YA362LNN114T12E	600 kcmil	2	1/2	0.56	1.18	1.32	1.14	5.23	1.75	0.26	Green 22	1-7/16"
YA39L6N131T12E	750 kcmil	1	1/2	0.56	1.30	1.42	1.31	3.61	--	0.27	Black 24	1-1/2"
YA392LNN131T12E	750 kcmil	2	1/2	0.56	1.30	1.42	1.31	5.37	1.75	0.27	Black 24	1-1/2"

NOTES:

- CONNECTOR: TIN PLATED COPPER COMPRESSION TERMINAL.
- CONNECTION: COMPRESSION CONNECTIONS MADE ARE IRREVERSIBLE AND MAINTENANCE FREE.
- APPLICABLE STANDARDS: PRODUCTS ARE ONLY UL LISTED AND CSA CERTIFIED WHEN INSTALLED USING THE BURNDY ENGINEERED SYSTEM: TOOLS, DIES (IF APPLICABLE), AND CONNECTORS.
 - UL LISTED TO UL486A-486B-WIRE CONNECTORS.
 - CSA C22.2 NO 65.
- TEMPERATURE AND VOLTAGE RATING:
 - UL LISTED 90°C UP TO 35kV.
- WIRE ACCOMMODATE TYPES (SEE TABLE): DUAL RATED TO ACCOMMODATE ALUMINUM AND COPPER WIRE.
 - COPPER WIRE CLASS B (CONCENTRIC, COMPRESS, COMPACT) OR CLASS C STRANDING.
- CONNECTOR FINISHES AND SUFFIX: SEE SECTION C OF THE BURNDY MASTER CATALOG FOR PLATING SERVICE TEMPERATURE RATINGS.
 - NICKEL PLATED: APPLY SUFFIX "NK" TO A CATALOG NUMBER IN THE TABLE.
 - SILVER PLATED: APPLY "SV" TO A CATALOG NUMBER IN THE TABLE.
 - TIN ZINC: APPLY "TZ" TO A CATALOG NUMBER IN THE TABLE.
 - BARE CONNECTOR: APPLY "BR" TO A CATALOG NUMBER MEANS NO PLATING.
- FEATURES:
 - TYPICAL BARREL COLOR CODE (AS SPACE PERMITS): CRIMP ZONE IS INDICATED BY COLOR BANDS, BURNDY CORPORATE NAME OR LOGO, UL LOGO (IF APPLICABLE), CSA LOGO (IF APPLICABLE), WIRE SIZE, DIE COLOR CODE, DIE INDEX NUMBER.
 - BARREL DESIGN: BARREL END AT THE WIRE HAS AN INTERNAL CHAMFER, ALLOWING FOR A SMOOTH WIRE INSERTION, AND THE BARREL IS A STANDARD/SHORT LENGTH WHICH IS RECOMMENDED FOR INSTALLATIONS WITH LIMITED SPACE REQUIREMENTS.
 - PAD/TONGUE/TANG/SPADE DESIGN: ONE-HOLE AND TWO-HOLE DESIGNS WITH A NARROW PAD WIDTH FOR CLOSE MOUNTING REQUIREMENTS.
 - INSPECTION WINDOW ALLOWS FOR VISUAL VERIFICATION THAT THE WIRE HAS BEEN FULLY INSERTED PRIOR TO CRIMPING THE LUG AND AFTER FOR INSPECTION PURPOSES.
- INSTALLATION TOOLING AND DIES ARE CONSTANTLY BEING UPDATED. PLEASE SEE BURNDY MASTER CATALOG FOR THIS PRODUCT FAMILY, WHICH CAN BE FOUND ON THE BURNDY WEBSITE.

REV/	DATE	DESCRIPTION	ECO	BY C'H'K.
N	05-12-2021	CREATED IN INVENTOR	210510007958	SS WP

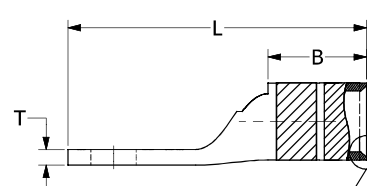
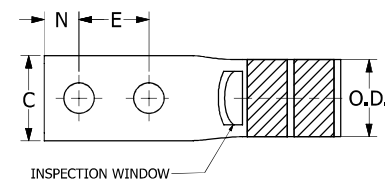
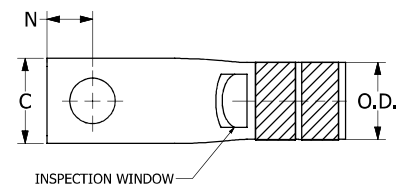


FIGURE -1

INTERNAL
CHAMFER

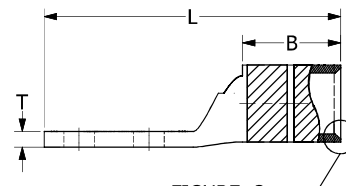


FIGURE -2

INTERNAL
CHAMFER


TO ORDER BURNDY® PRODUCTS CALL		HYLUG™	
UNITED STATES 1-800-346-4175 (LONDONDERRY, NH)		ITEM NO: SEE TABLE	
CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)		CAT. NO: SEE TABLE	
FOR PRODUCT INFO: http://www.burndy.com		DRAWN BY: PJ APONILUS	02-13-2002
		CHECKER: G. ZAHLMAN	03-19-2002
		DSN APRVL: G. ZAHLMAN	03-19-2002
		MFG APRVL: —	—
		QA APRVL: J. BRODEUR	03-19-2002
		TRKT APRVL: R. ROICHEAU	03-19-2002
		PROD FAM: —	—
		PROJECT #: —	—
		DOCUMENT TYPE: SALES	—
		REL LEVEL: Released	—
		SIZE	D
		DRAWING NO	10001062
		REV	N
		SHEET 1 OF 3	

Catalog Number Type	Wire Size	Color Code and Die Index Number	Hydraulic Tools - Dies Required (# Crimps)					Hydraulic Tools - Dieless		Mechanical & Ratchet Dies Required (# Crimps)		Mechanical & Ratchet Dedicated Die Tools # Crimps				
	Class B, C Conductor (CU Only)		MD6, 600, 500 Series	750, 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies	60 Series	81K 4PC Series	644 444 Series	MD6 and MD7 Series	OUR840	MY28 and MY29 Series	MRC840	MRE1022B Y8MRB1 Y10D Y1022	Y122CMR	Y1MRTC
YA-25-L	1/0 AWG	PINK 12	X25RT (2) W25RT (2) W25VT (2)	U25RT (1)	U25RT (1)	U25RT (1)	--	1 CRIMP	1 CRIMP	X25RT (2) W25RT (2) W25VT (2)	X25RT (2) W25RT (2) W25VT (2)	1 CRIMP	2 CRIMPS	--	--	--
YA-26-L	2/0 AWG	BLACK 13	X26RT (2) W26RT (2) W26VT (2)	U26RT (1)	U26RT (1)	U26RT (1)	--	1 CRIMP	1 CRIMP	X26RT (2) W26RT (2) W26VT (2)	X26RT (2) W26RT (2) W26VT (2)	1 CRIMP	2 CRIMPS	--	--	--
YA-30-L	300 kcmil	WHITE 17	W30RT (2) W30VT (2)	U30RT (2)	U30RT (2)	U30RT (2)	L30RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP	W30RT (2) W30VT (2)	--	--	--	--	--	--
YA-34-L	500 kcmil	BROWN 20	W34RT (2) W34VT (2)	U34RT (2)	U34RT (2)	U34RT (2)	L34RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP	W34RT (2) W34VT (2)	--	--	--	--	--	--
YA-36-L	600 kcmil	GREEN 22	--	U36RT (2)	U36RT (2)	U36RT (2)	L36RT (1)	2 OVERLAPPING CRIMPS	1 CRIMP	--	--	--	--	--	--	--
YA-39-L	750 kcmil	BLACK 24	--	U39RT (2)	U39RT (2)	U39RT (2)	L39RT (1)	3 OVERLAPPING CRIMPS	1 CRIMP	--	--	--	--	--	--	--

REV	DATE	DESCRIPTION	ECO	BY	C'H'K.
N	05-12-2021	CREATED IN INVENTOR	210510007958	SS	WP

NOTES:

1. SOME CATALOG NUMBERS REQUIRE OVERLAPPING CRIMPS. PLEASE REFER TO THE OVERLAPPING CRIMP IMAGE THAT IS APPLICABLE BASED ON THE NUMBER OF CRIMPS REQUIRED. OVERLAP EACH CONSECUTIVE CRIMP SO THAT THE COMPLETED INSTALLATION OF ALL OVERLAPPING CRIMPS COVERS THE ENTIRE CRIMP ZONE.

TO ORDER BURNDY® PRODUCTS CALL				HYLUG™			
UNITED STATES 1-800-346-4175 (LONDONDERRY, NH)				ITEM NO: SEE TABLE			
CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)				CAT. NO: SEE TABLE			
FOR PRODUCT INFO: http://www.burndy.com				DRAWN BY: PJAPONIUS	02-13-2002		
				CHECKER: G.ZAHLMAN	03-19-2002		
				DSN APRVL: G.ZAHLMAN	03-19-2002		
				MFG APRVL: --	--		
				QA APRVL: J.BRODEUR	03-19-2002		
				DIKT APRVL: R.ROBICHEAU	03-19-2002		
				PROD FAM: --	--	DRAWING NO	REV
				PROJECT #: --	--	10001062	N
				DOCUMENT TYPE: SALES	--		
				REL LEVEL: Released	--	SHEET 2 OF 3	

Installation Instructions

Installation instructions help the installer understand proper wire preparation, proper insertion requirements, crimp zone location, individual crimp location, crimp order and crimp direction, to ensure safe and reliable wire connections. UL Listing and CSA Certification are only valid when using the BURNDY Engineered System and following BURNDY Installation Instructions.

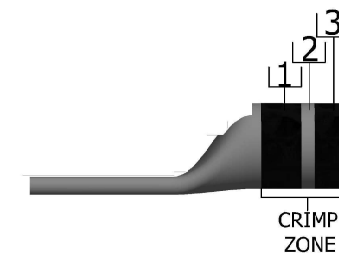
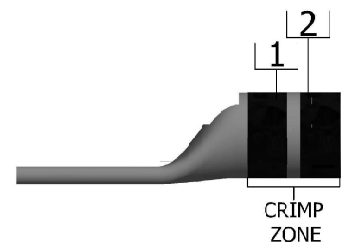
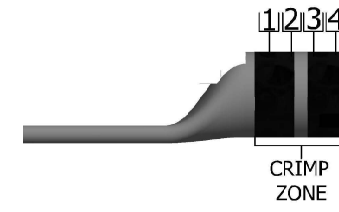
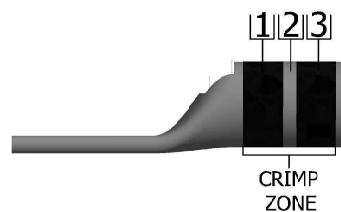
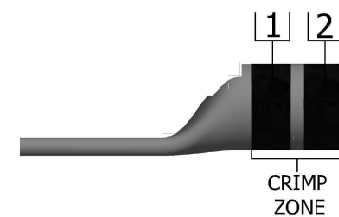
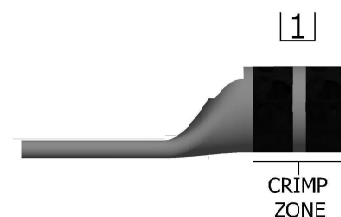
Copper Code Standard Barrel Installation Steps:

1. Select the appropriate connector based on:
Wire Material
Wire Construction
Wire Size
2. Strip the insulation to the appropriate wire strip length, based on the table's Wire Strip Length recommendation for the selected connector. Due to tolerances in the connector, wire strip length, and insulation stripping tools, this range may be 0" - 1/4". The exposed wire, also known as a "shiner", has no performance impact on the connection and there is no wire exposure requirement by BURNDY.
3. As a best practice, wire brush the bare conductor to remove any oxides. DO NOT wire brush tin-plated connectors.
4. Insert the conductor into the barrel for the full length. If the connector has an inspection window, the conductor end can easily be seen to verify full wire insertion.
5. Apply the proper number of crimps specified by the appropriate illustration.
6. Some catalog numbers require overlapping crimps when using the 81K or 4PC Series of installation tools. Please refer to the overlapping crimp image that is applicable based on the number of crimps required. Overlap each consecutive crimp so that the completed installation of all overlapping crimps covers the entire crimp zone.
7. Once all crimps have been completed, the connection can be easily inspected for proper installation.

REV	DATE	DESCRIPTION	ECO	BY	C'H'K.
N	05-12-2021	CREATED IN INVENTOR	210510007958	SS	WP

CATALOG NUMBER DESIGNATIONS

YA-25-L	YA-26-L	YA-30-L
YA-34-L	YA-36-L	YA-39-L



2 OVERLAPPING CRIMPS

3 OVERLAPPING CRIMPS

TO ORDER BURNDY® PRODUCTS CALL		HYLUG™	
UNITED STATES 1-800-346-4175 (LONDONDERRY, NH)		ITEM NO: SEE TABLE CAT. NO: SEE TABLE	
CANADA: 1-800-361-6975 (QUEBEC) 1-800-367-6487 (ALL OTHER PROVINCES)		DRAWN BY: PLAFONILUS 02-13-2002 CHECKED: G.ZAHLMAN 03-19-2002 JCN APRVL: G.ZAHLMAN 03-19-2002 MFG APRVL: — QA APRVL: J.BRODEUR 03-19-2002 MKT APRVL: R.ROSIGHEAU 03-19-2002	
FOR PRODUCT INFO: http://www.burndy.com		PROJEC #: — DOCUMENT TYPE: SALES REL LEVEL: Released	
		SIZE: D	
		DRAWING NO: 10001062 SHEET 3 OF 3	