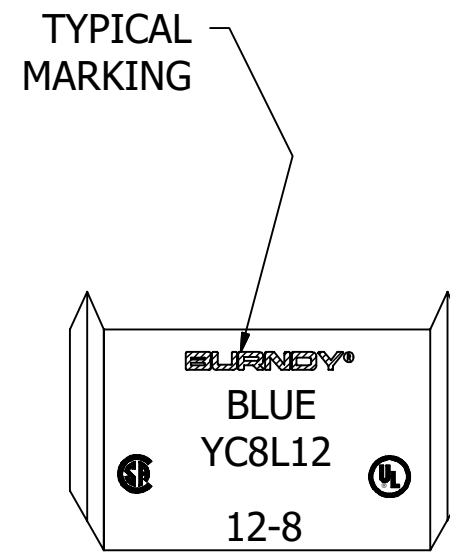
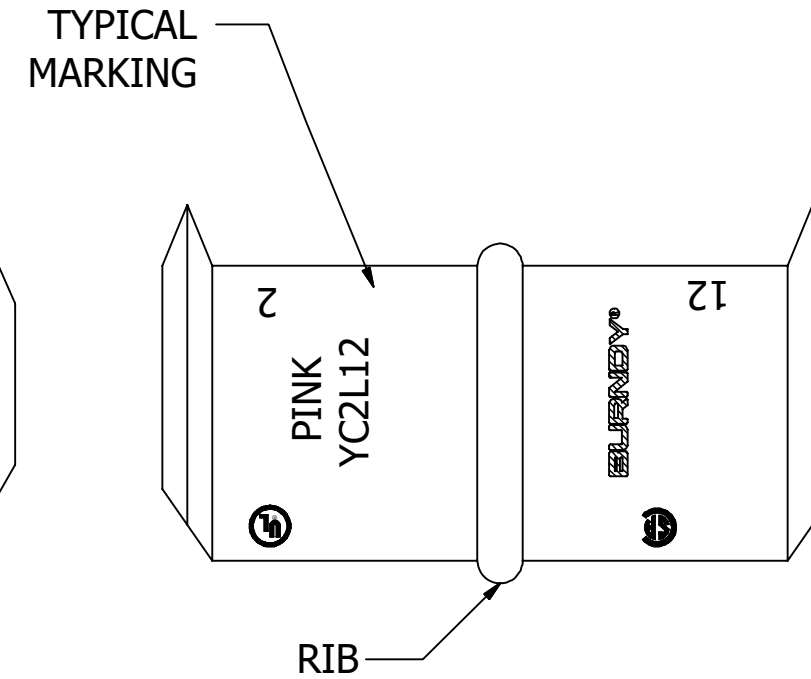


Catalog Number	Copper Conductor Sizes		Number of Ribs	Dimensions				Color Code	Die Index
	Main (Run)	Tap		B	C	D	T		
YC8L12	10 AWG Class B,C,Solid	10 AWG Class B,C,Solid	0	0.25 [6]	0.21 [5]	.60 [15]	0.07 [2]	Blue	7
	8 AWG Class B,C,Solid	12 AWG Class B,C,Solid							
YC6L12	8 AWG Class B,C,Solid	10-8 AWG Class B,C,Solid	0	0.33 [8]	0.25 [6]	0.60 [15]	0.07 [2]	Gray	8
	6 AWG Class B,C,Solid	12-10 AWG Class B,C,Solid							
YC4L12	6 AWG Class B,C,Solid	8-6 AWG Class B,C,Solid	1	0.39 [10]	0.28 [7]	1.18 [30]	0.07 [2]	Brown	10
	5,4 AWG Class B,C,Solid	12-8 AWG Class B,C,Solid							
3C YC3L12	5,4 AWG Class B,C,Solid	6-5 AWG Class B,C,Solid	1	0.46 [12]	0.27 [7]	1.18 [30]	0.08 [2]	Green	11
	3 AWG Class B,C,Solid	12-6 AWG Class B,C,Solid							
YC2L12	4 AWG Class B,C,Solid	4 AWG Class B,C,Solid	1	0.50 [13]	0.36 [9]	1.18 [30]	0.08 [2]	Pink	12
	3 AWG Class B,C,Solid	5 AWG Class B,C,Solid							
	2 AWG Class B,C,Solid	12-6 AWG Class B,C,Solid							
YC1L12	3 AWG Class B,C,Solid	4-3 AWG Class B,C,Solid	2	0.55 [14]	0.34 [9]	1.75 [44]	0.08 [2]	Black	13
	2 AWG Class B,C,Solid	5-4 AWG Class B,C,Solid							
	1 AWG Class B,C,Solid	12-5 AWG Class B,C,Solid							
YC25L12	2 AWG Class B,C,Solid	3-2 AWG Class B,C,Solid	2	0.62 [16]	0.42 [11]	1.75 [44]	0.09 [2]	Orange	14
	1 AWG Class B,C,Solid	4-3 AWG Class B,C,Solid							
	1/0 AWG Class B,C,Solid	12-4 AWG B,C,Solid							
3D YC26L12	1 AWG Class B,C,Solid	2-1 AWG Class B,C,Solid	2	0.69 [18]	0.43 [11]	1.75 [44]	0.09 [2]	Purple	15
	1/0 AWG Class B,C,Solid	3-2 AWG Class B,C,Solid							
	2/0 AWG Class B,C,Solid	12-3 AWG Class B,C,Solid							
3D YC27L12	1/0 AWG Class B,C,Solid	1-1/0 AWG Class B,C,Solid	2	0.81 [21]	0.48 [12]	1.75 [44]	0.09 [2]	Yellow	16
	2/0 AWG Class B,C,Solid	2-1 AWG Class B,C,Solid							
	3/0 AWG Class B,C,Solid	12-2 AWG Class B,C,Solid							

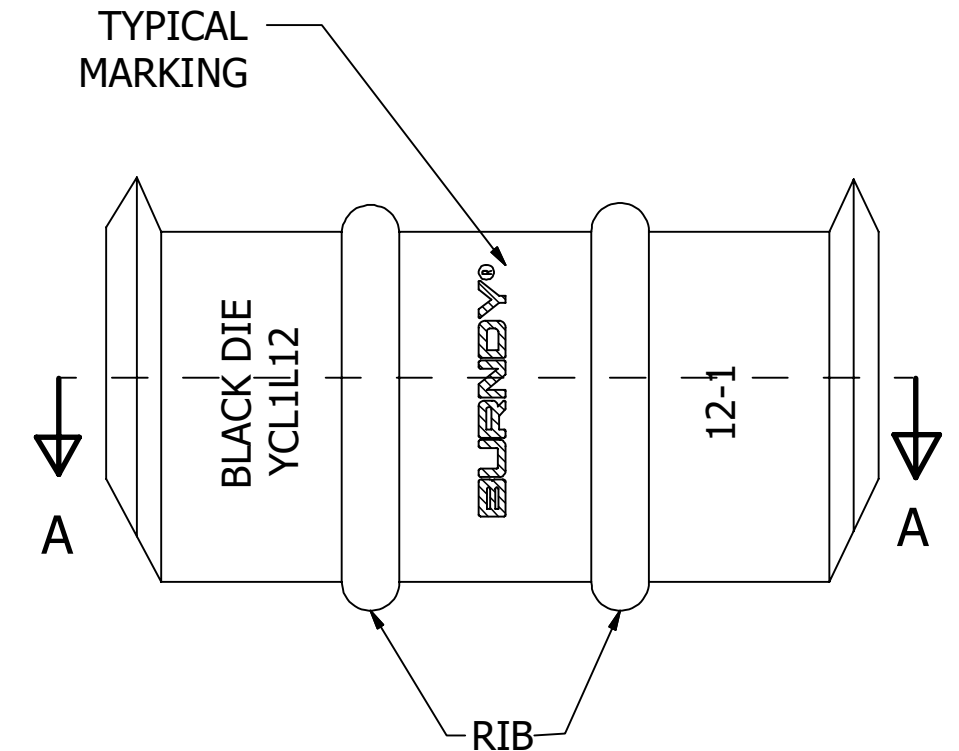
REV	DATE	DESCRIPTION	ECO	BY/CHK.
H	25/08/2021	NEW DRAWING CREATION	210825011652	SS/ WP



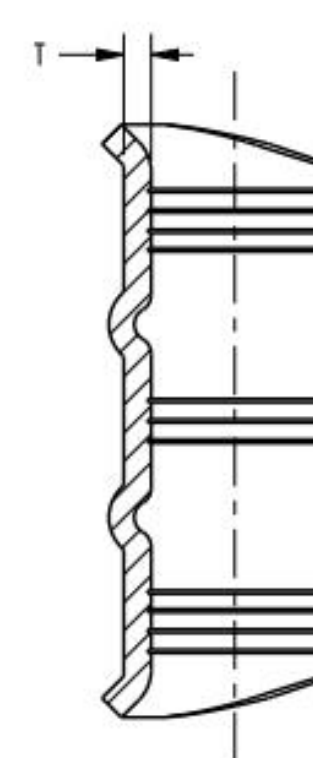
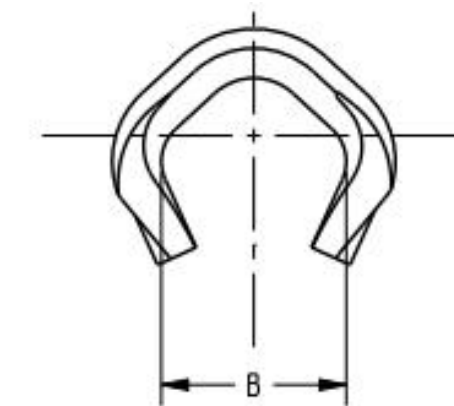
**0 RIB VIEW**



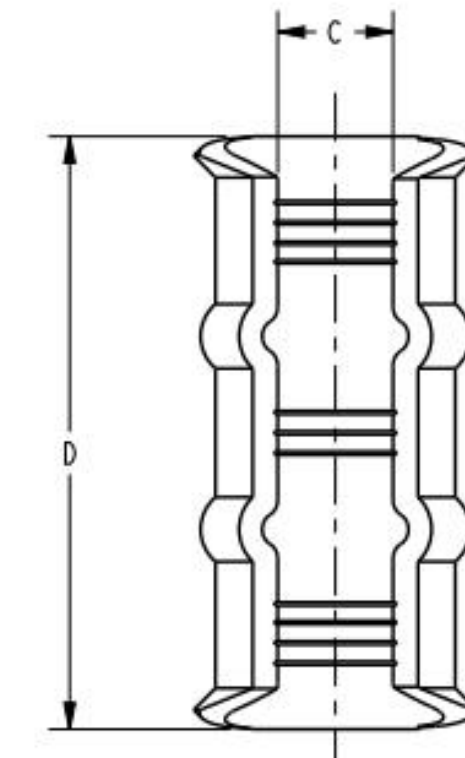
**1 RIB VIEW**



**2 RIB VIEW**



SECTION A-A



**NOTES:**

- CONNECTOR: BARE COPPER COMPRESSION THIN WALL C-TAP.
- CONNECTION: COMPRESSION CONNECTIONS ARE MADE IRREVERSIBLE AND MAINTENANCE FREE.
- APPLICABLE STANDARDS: CONNECTORS ARE ONLY UL LISTED AND CSA CERTIFIED WHEN INSTALLED WITH THE BURNDY ENGINEERED SYSTEM AND SELECT OTHER CRIMP TOOL MANUFACTURERS IN ACCORDANCE WITH ONE OR MORE UL CATEGORIES.
  - UL LISTED AND CSA CERTIFIED WIRE CONNECTORS PER UL 486A-486B, CSA 22.2 NO. 65.
  - UL LISTED AND CSA CERTIFIED GROUNDING AND BONDING EQUIPMENT PER UL 467, CSA 22.2 NO. 41. DIRECT BURIAL RATED IN EARTH OR CONCRETE.
- YC3L12 IS NOT UL LISTED OR CSA CERTIFIED FOR GROUNDING AND BONDING.
- YC26L12, YC27L12 CAN ONLY BE USED WITH STRANDED CONDUCTOR FOR GROUNDING AND BONDING.
- TEMPERATURE AND VOLTAGE RATING: UL LISTED 90°C, UP TO 35kV
- WIRE ACCOMMODATE TYPES (SEE TABLE):
  - CLASS B (CONCENTRIC, COMPRESSED OR COMPACT), CLASS C OR SOLID.
- CONNECTOR DESIGN FEATURES:
  - CONNECTORS ARE MARKED WITH A COLOR CODE DOT
  - METAL STAMPED MARKINGS (AS SPACE PERMITS AND APPLICABLE): BURNDY CORPORATE NAME OR LOGO, UL LOGO, CSA LOGO, WIRE SIZE, DIE COLOR CODE, INDEX NUMBER.
  - ACCOMMODATES A MULTITUDE OF WIRE COMBINATIONS FOR LESS INVENTORY.
  - REINFORCED RIBS ON THE OUTSIDE OF THE CONNECTOR INCREASES THE MECHANICAL STRENGTH OF THE CONNECTION.
  - CONNECTORS ARE BARE NOT PLATED. IF PLATING IS REQUIRED, PLEASE CONTACT CUSTOMER SERVICE. PLATING AND PLATING SUFFIXES: TN = TIN, TZ = TIN ZINC, SV = SILVER, NK = NICKEL
- INSTALLATION TOOLING AND DIES ARE CONSTANTLY BEING UPDATED. FOR THE LATEST INSTALLATION TOOLING INFORMATION REFER TO THE MASTER CATALOG ON THE BURNDY WEBSITE.
- TNB/ABB INSTALLATION TOOLING: UL LISTED AND CSA CERTIFIED WIRE CONNECTORS USING STRANDED CONDUCTOR ONLY.
- DIMENSIONS IN BRACKETS [ ] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHER SPECIFIED AND ARE FOR REFERENCE ONLY.
- FOR PROPER INSTALLATION INSTRUCTIONS, SEE PRODUCT INSTALLATION GUIDE ON THE LAST SHEET.

TO ORDER BURNDY® PRODUCTS CALL		THIN WALL COPPER C-TAPS	
UNITED STATES 1-800-346-4175 (LONDONDERRY, NH)		ITEM NO: SEE TABLE	
		CAT. NO: SEE TABLE	
CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)		DRAWN BY: M.P. 08/24/1993	
		CHECKER: R.ROBICHEAU 07/01/1993	
FOR PRODUCT INFO: <a href="http://www.burndy.com">http://www.burndy.com</a>		DSN APRVL: C.PALAGI 07/06/1993	PROJECT #: -- DOCUMENT TYPE: SALES REL LEVEL: Released
		MFG APRVL: --	
		QA APRVL: WATTS 01/31/2013	DRAWING NO
		MKT APRVL: SYLVIA 02/01/2013	REV
		PROD FAM: C&I COMPRESSION	SIZE
		SC..208529-01	H
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Burndy Installation Tooling (# Crimps)					
Catalog Number	Color Code	Die Index Number	No of Ribs	Y1MRTC Y122CMR	MD6 and MD7 Series
YC8L12	Blue	7	0	1 Crimp	W5CVT (1)
YC6L12	Gray	8	0	2 Crimps	W4CVT (1)
YC4L12	Brown	10	1	2 Crimps	W2CVT (2)
YC3L12	Green	11	1	--	W1CVT (2)
YC2L12	Pink	12	1	--	W25VT (2)
YC1L12	Black	13	2	--	W26VT (3)
YC25L12	Orange	14	2	--	W27VT (3)
YC26L12	Purple	15	2	--	W28VT (3)
YC27L12	Yellow	16	2	--	W29VT (3)

Burndy Installation Tooling (# Crimps)					
Catalog Number	Die Index Number	600, 500 Series	750, 35 Series U-Dies	46 Series Use PUADPT1 with U Dies	Wire Strip Length
YC8L12	--	--	--	--	5/8"
YC6L12	--	--	--	--	5/8"
YC4L12	10M	WC4 (1)	UC4 (1)	UC4 (1)	1-3/16"
YC3L12	--	--	--	--	1-3/16"
YC2L12	12M	WC2 (1)	UC2 (1)	UC2 (1)	1-3/16"
YC1L12	13M	WC1 (2)	UC1 (1)	UC1 (1)	1-13/16"
YC25L12	14M	WC25 (2)	UC25 (1)	UC25 (1)	1-13/16"
YC26L12	--	--	--	--	1-13/16"
YC27L12	--	--	--	--	1-13/16"

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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: <a href="http://www.burndy.com">http://www.burndy.com</a>		DRAWN BY: M.P. 08/24/1993	
		CHECKER: R.ROBICHEAU 07/01/1993	
		DSN APRVL: C.PALAGI 07/06/1993	
		MFG APRVL: --	
		QA APRVL: WATTS 01/31/2013	
		MKT APRVL: SYLVIA 02/01/2013	
		PROD FAM: C&I COMPRESSION	
		DRAWING NO	
		PROJECT #: --	
		SIZE	
		DOCUMENT TYPE: SALES	
		REL LEVEL: Released	
		SC..208529-01	
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T&B/ABB Installation Tooling (# Crimps)

Catalog Number	Color Code	Die Index Number	No of Ribs	TBM20S	TBM41E TBM45S TBM21E TBM25S	TBM5S	TMB6S	TBM8S	Wire Strip Length
YC8L12	Blue	7	0	Blue (1)	Blue (2)	13454 (1)	13475 (1) 13477 (1)	13461 (1)	5/8"
YC6L12	Gray	8	0	Gray (2)	Gray (2)	13454 (1)	13475 (1) 13477 (1)	13461 (1)	5/8"
YC4L12	Brown	10	1	Brown (2)	Brown (2)	13454 (2)	13475 (2) 13477 (2)	13461 (2)	1-3/16"
YC3L12	Green	11	1	--	Green (2)	13455 (2)	13475 (2) 13477 (2)	13462 (2)	1-3/16"
YC2L12	Pink	12	1	--	--	13455 (2)	13475 (2) 13477 (2)	13462 (2)	1-3/16"
YC1L12	Black	13	2	--	--	13455 (3)	13475 (3) 13477 (3)	13462 (3)	1-13/16"
YC25L12	Orange	14	2	--	--	13455 (3)	13475 (3) 13477 (3)	13462 (3)	1-13/16"
YC26L12	Purple	15	2	--	--	13455 (3)	13475 (3) 13477 (3)	13463 (3)	1-13/16"
YC27L12	Yellow	16	2	--	--	13455 (3)	13475 (3) 13477 (3)	13463 (3)	1-13/16"

REV	DATE	DESCRIPTION	ECO	BY	CHK.
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1. UL LISTED AND CSA CERTIFIED WIRE CONNECTORS PER UL 486A-486B, CSA 22.2 NO.65, USING THE TNB/ABB TOOLING LISTED ABOVE. STRANDED CONDUCTOR SIZES ONLY PER THE TABLE ON SHEET 1.

TO ORDER BURNDY® PRODUCTS CALL		THIN WALL COPPER C-TAPS	
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: <a href="http://www.burndy.com">http://www.burndy.com</a>		DRAWN BY: M.P. 08/24/1993	
		CHECKER: R.ROBICHEAU 07/01/1993	
		DSN APRVL: C.PALAGI 07/06/1993	
		MFG APRVL: --	
		QA APRVL: WATTS 01/31/2013	
		MKT APRVL: SYLVIA 02/01/2013	
		PROD FAM: C&I COMPRESSION	
		DRAWING NO	
		PROJECT #: --	
		SIZE	
		DOCUMENT TYPE: SALES	
		REL LEVEL: Released	
		SC..208529-01	
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		REV	
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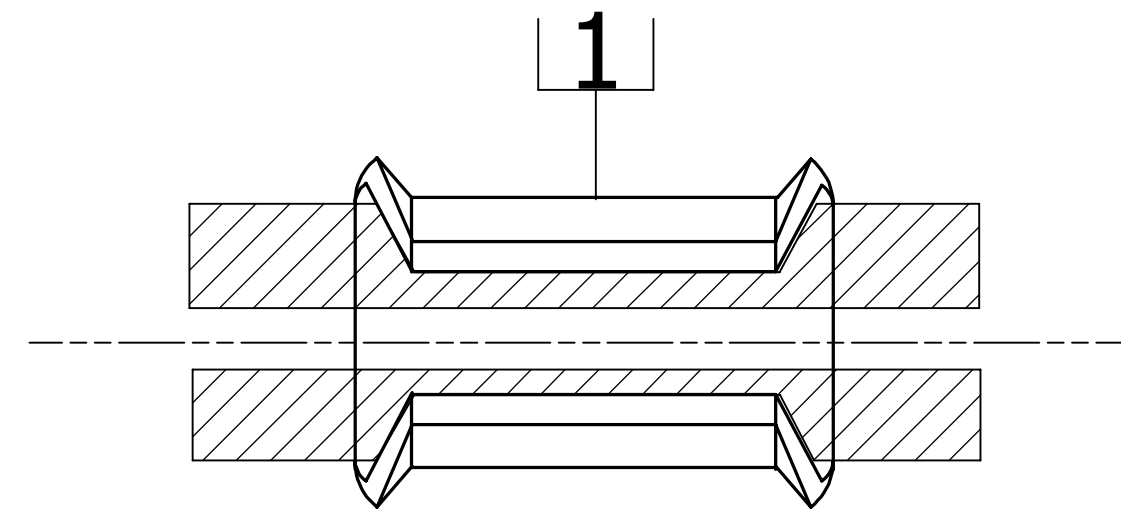
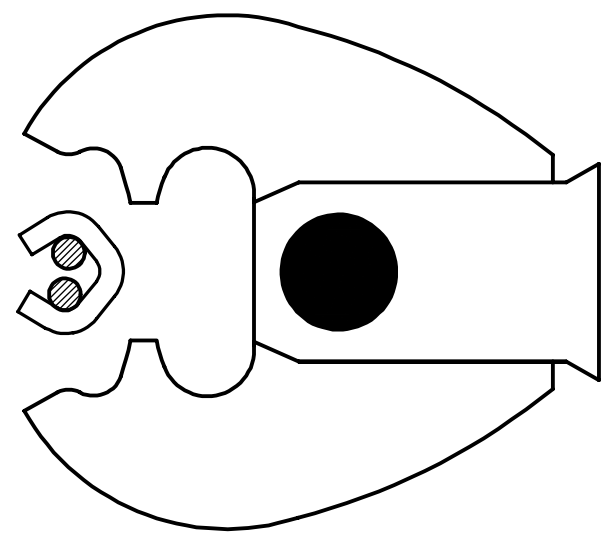


## Installation Instructions

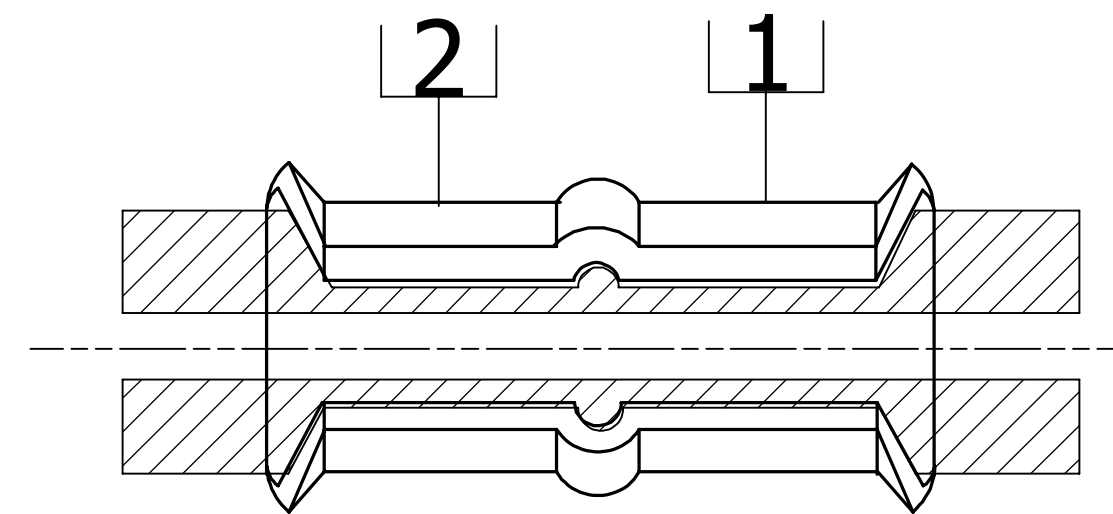
Installation Instructions Installation instructions help the installer understand proper wire preparation, proper insertion requirements, crimp zone location, individual crimp location, crimp order and crimp direction, to ensure safe and reliable wire connections. UL Listing and CSA Certification are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

### Steps:

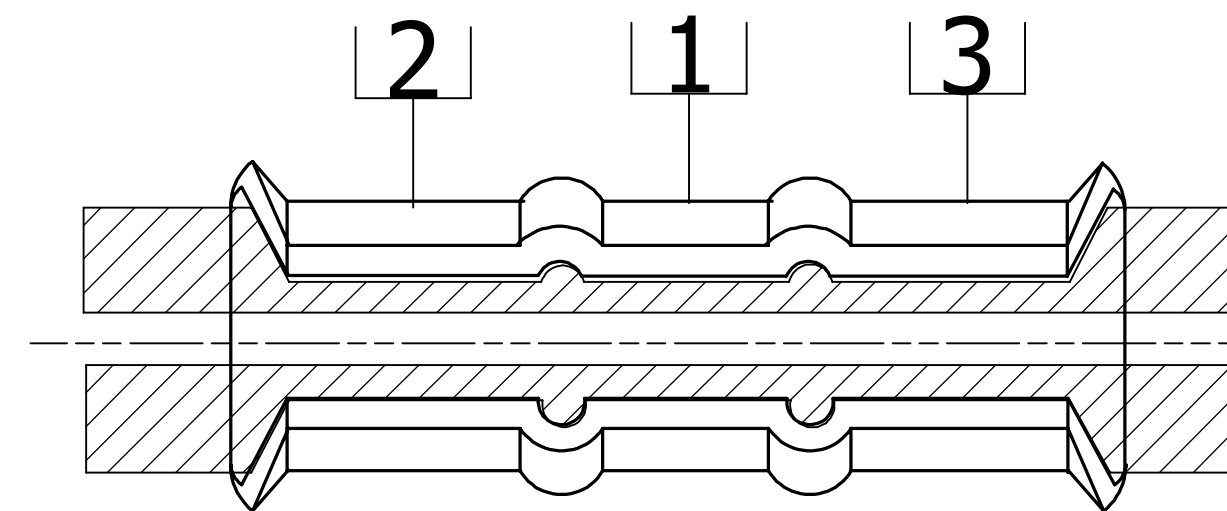
1. Select the appropriate connector based on:
  - Wire Material
  - Wire Construction
  - Wire Sizes
2. Strip the insulation to the appropriate wire strip length, based on the table's Wire Strip Length recommendation for the selected connector. Due to tolerances in the connector, wire strip length, and insulation stripping tools, the tolerance on stripping is 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 conductors into the C-tap grooves and hold in place.
5. Apply the proper number of crimps specified by the appropriate illustration.



0 RIBS



1 RIBS



2 RIBS

REV	DATE	DESCRIPTION	ECO	BY	C'H'K.
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CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)		CAT. NO: SEE TABLE	
FOR PRODUCT INFO: <a href="http://www.burndy.com">http://www.burndy.com</a>		DRAWN BY: M.P.	08/24/1993
		CHECKER: R.ROBICHEAU	07/01/1993
		DSN APRVL: C.PALAGI	07/06/1993
		MFG APRVL: --	
		QA APRVL: WATTS	01/31/2013
		MKT APRVL: SYLVIA	02/01/2013
		PROD FAM: C&I COMPRESSION	DRAWING NO
		PROJECT #: --	SIZE
		DOCUMENT TYPE: SALES	SC..208529-01
		REL LEVEL: Released	C
			SHEET 4 OF 4
			REV
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