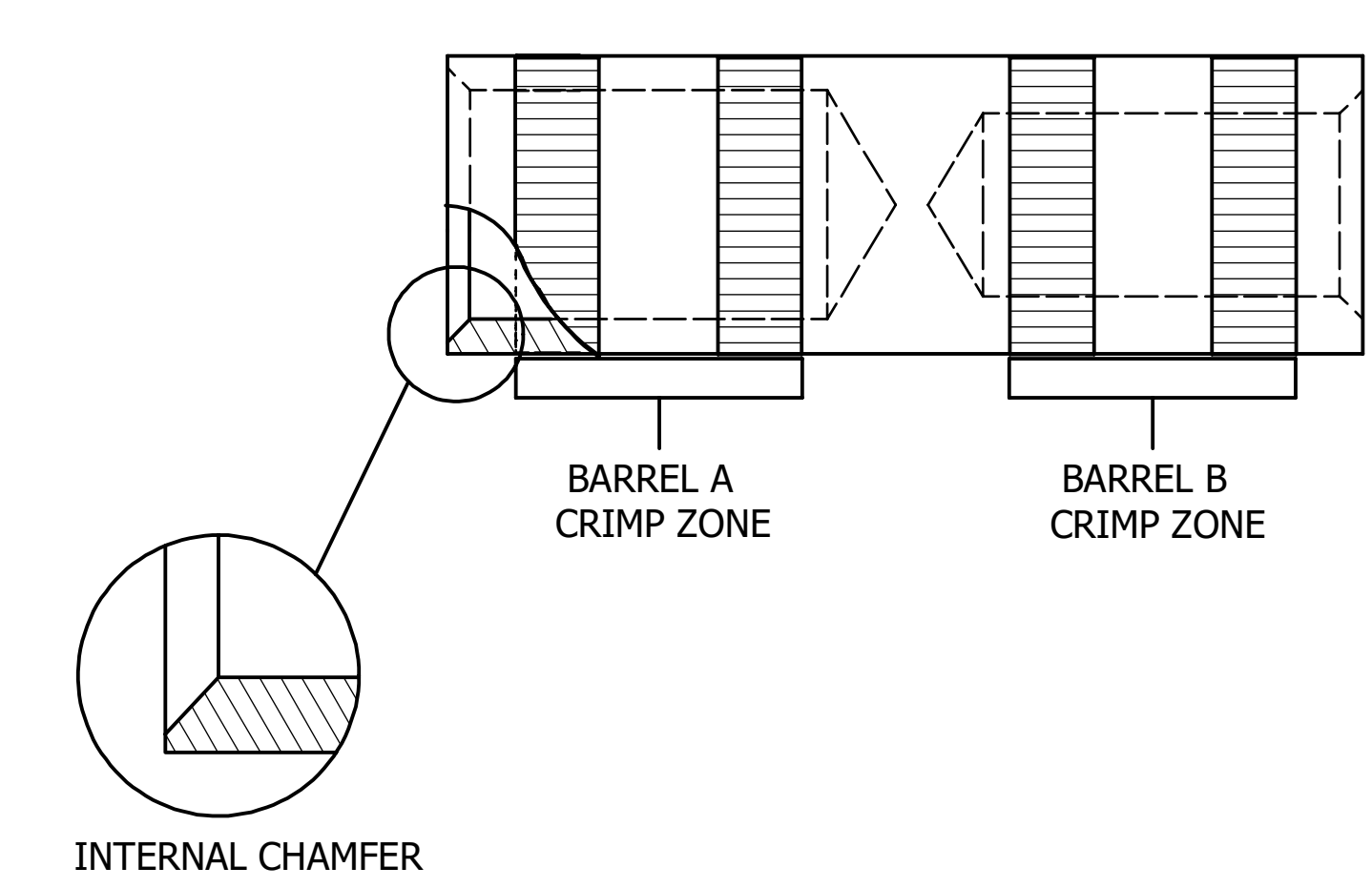
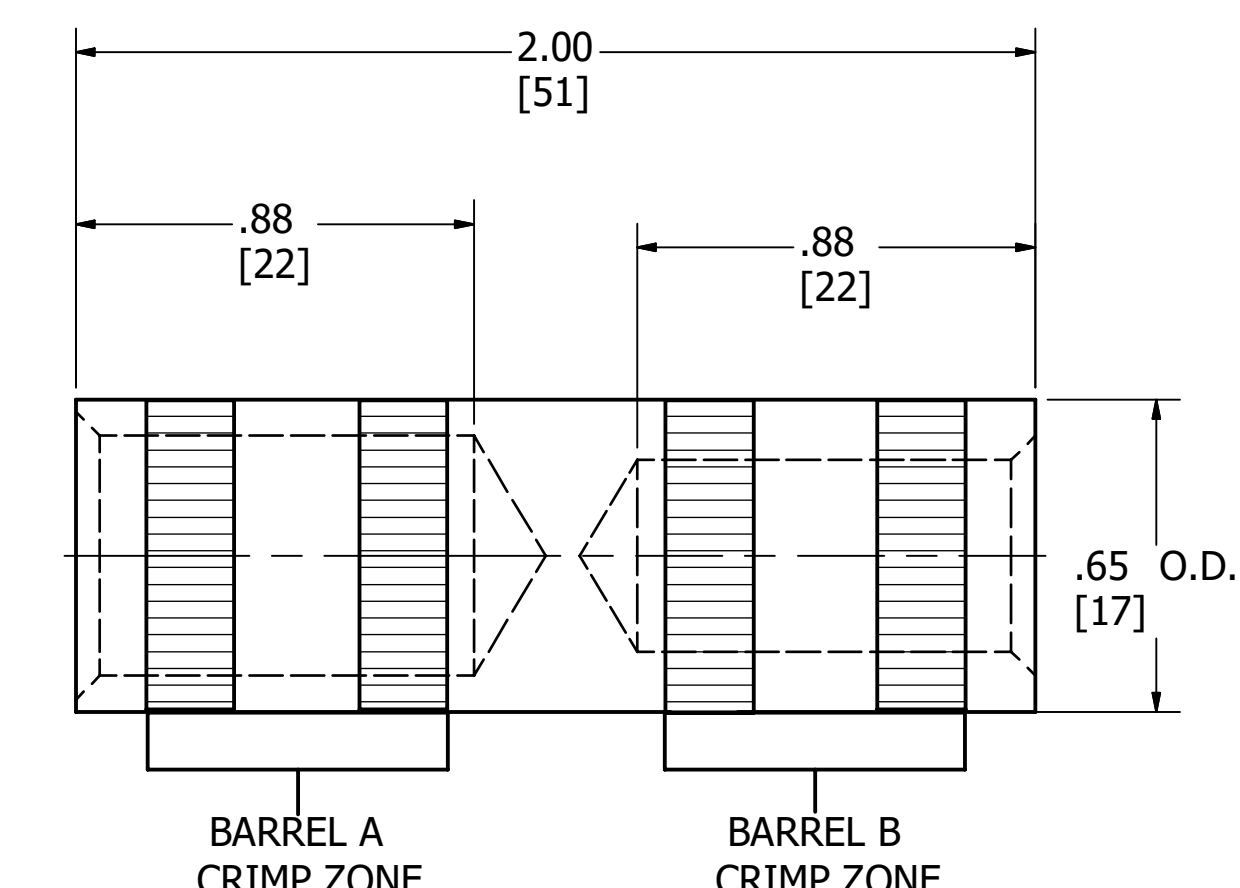


CATALOG NUMBER	WIRE ACCOMMODATES				COLOR CODE	DIE INDEX #	WIRE STRIP LENGTH	Mechanical Dedicated Die Tools # Crimps per Barrel	Mechanical & Ratchet Dies Required (# Crimps per Barrel)		Hydraulic Tools - Dies Required (# Crimps per Barrel)				
	BARREL A		BARREL B						MY293	MD6 and MD7 Series	OUR840	MD6, 600, 500 Series	750, 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies
	ALUMINUM	COPPER	ALUMINUM	COPPER											
YRB2U6	2 AWG	2 AWG	6 AWG	6 AWG	TAN	296	15/16"	1 CRIMP	X25ART (3)	X25ART (3)	U25ART (1)	U25ART (1)	U25ART (1)	U25ART (1)	
YRB2U4	2 AWG	2 AWG	4 AWG	4 AWG	TAN	296	15/16"	1 CRIMP	X25ART (3)	X25ART (3)	U25ART (1)	U25ART (1)	U25ART (1)	U25ART (1)	
YRB2U2	2 AWG	2 AWG	2 AWG	2 AWG	TAN	296	15/16"	1 CRIMP	X25ART (3)	X25ART (3)	U25ART (1)	U25ART (1)	U25ART (1)	U25ART (1)	
YRB2U10	1 AWG	1 AWG	10 AWG	10 AWG	TAN	296	15/16"	1 CRIMP	X25ART (3)	X25ART (3)	U25ART (1)	U25ART (1)	U25ART (1)	U25ART (1)	
YRB8U10	8 STR	8 STR	10 STR	10 STR- 8 SOL	ORANGE	14	15/16"	1 CRIMP	U27RT (1)	U27RT (1)	U27RT (1)	U27RT (1)	U27RT (1)	U27RT (1)	
YRB25U6	1/0 AWG	1/0 AWG	6 AWG	6 AWG	TAN	296	15/16"	1 CRIMP	X25ART (3)	X25ART (3)	U25ART (1)	U25ART (1)	U25ART (1)	U25ART (1)	
YRB25U2	1/0 AWG	1/0 AWG	2 AWG	2 AWG	TAN	296	15/16"	1 CRIMP	X25ART (3)	X25ART (3)	U25ART (1)	U25ART (1)	U25ART (1)	U25ART (1)	
YRB25U25	1/0 AWG	1/0 AWG	1/0 AWG	1/0 AWG	TAN	296	15/16"	1 CRIMP	X25ART (3)	X25ART (3)	U25ART (1)	U25ART (1)	U25ART (1)	U25ART (1)	

REV	DATE	DESCRIPTION	ECO	BY	CH'
A	04/08/2021	MU UPDATE	210330006569	SS	YR



NOTES:

- CONNECTOR: UNINSULATED ALUMINUM COMPRESSION SPLICE REDUCER.
- 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 TO UL 486A-486B WIRE CONNECTORS.
 - CSA CERTIFIED TO C22.2 NO 65.
- TEMPERATURE AND VOLTAGE RATING:
 - UL LISTED 90°C, UP TO 35kV.
 - ALUMINUM CONNECTORS ARE MARKED WITH AL9CU ACCOMMODATING ALUMINUM (AL) AND COPPER (CU) WIRE UP TO 90°C.
- WIRE ACCOMMODATE TYPES (SEE TABLE): DUAL RATED TO ACCOMMODATE ALUMINUM AND COPPER WIRE.
 - ALUMINUM WIRE (AL): CLASS B (CONCENTRIC, COMPRESSED, COMPACT).
 - COPPER WIRE (CU): CLASS B (CONCENTRIC, COMPRESSED, COMPACT) OR CLASS C
- CONNECTOR FINISHES AND SUFFIX: SEE SECTION C OF THE BURNDY MASTER CATALOG FOR PLATING SERVICE TEMPERATURE RATINGS.
 - ELECTRO-TIN PLATED: CONNECTORS HAVING NO SUFFIX ARE TIN PLATED UNLESS OTHERWISE SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28NK.
 - NICKEL PLATED: APPLY SUFFIX "NK" TO A CATALOG NUMBER IN THE TABLE, IF NOT SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28NK.
 - SILVER PLATED: APPLY SUFFIX "SV" TO A CATALOG NUMBER IN THE TABLE, IF NOT SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28SV.
 - TIN ZINC PLATED: APPLY SUFFIX "TZ" TO A CATALOG NUMBER IN THE TABLE, IF NOT SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28TZ.

7. FEATURES:

- BARREL TYPICAL ROLL MARKINGS (AS SPACE PERMITS): CRIMP ZONE IS INDICATED BY KNURL BANDS, BURNDY CORPORATE NAME OR LOGO, UL LOG (IF APPLICABLE), CSA LOGO (IF APPLICABLE), WIRE SIZE, DIE COLOR CODE, INDEX NUMBER.
- BARREL DESIGN: BARREL END AT THE WIRE HAS AN INTERNAL CHAMFER, ALLOWING FOR SMOOTH WIRE INSERTION.
- CONNECTORS ARE PRE-FILLED WITH PENETROX™A13, WHICH IS AN OXIDE INHIBITOR.
- EACH CONNECTOR HAS COLOR-CODED END CAPS TO MATCH THE DIE COLOR CODE. THIS ALSO PREVENTS PARTICLES FROM ENTERING THE BARREL.

8. INSTALLATION TOOLING AND DIES ARE CONSTANTLY BEING UPDATED. FOR THE LATEST INSTALLATION TOOLING INFORMATION, REFER TO THE MASTER CATALOG ON THE BURNDY WEBSITE.

A. YRB39- ACCOMMODATING 900 COMPACT AL HAS ONLY BEEN TESTED WITH 644 SERIES DIE-LESS INSTALLATION TOOL AND NOT UL LISTED WITH ANY TOOL.

9. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHER SPECIFIED AND ARE FOR REFERENCE ONLY.

10. FOR PROPER INSTALLATION INSTRUCTIONS, SEE PRODUCT INSTALLATION GUIDE ON SHEET 4.

TO ORDER BURNDY® PRODUCTS CALL

UNITED STATES
1-800-346-4175 (LONDONDERRY, NH)

CANADA:
1-800-361-6975 (QUEBEC)
1-800-387-6487 (ALL OTHER PROVINCES)

FOR PRODUCT INFO: <http://www.burndy.com>

HYREDUCER™

ITEM NO: -----

CAT. NO: YRB-U- (TABLE)

DRAWN BY: V.S.KANNAN	29-01-2014
CHECKER: R.ROMAN	15-04-2014
DSN APRVL: R.ROMAN	15-04-2014
MFG APRVL: ---	---
QA APRVL: T.WATTS	15-04-2014
MKT APRVL: J.SYLVIA	15-04-2014

PROJ # : ---

DOCUMENT TYPE: SALES

REL LEVEL: Released

DRAWING NO: 50123311

REV: A

SHEET 1 OF 10

Installation Instructions:

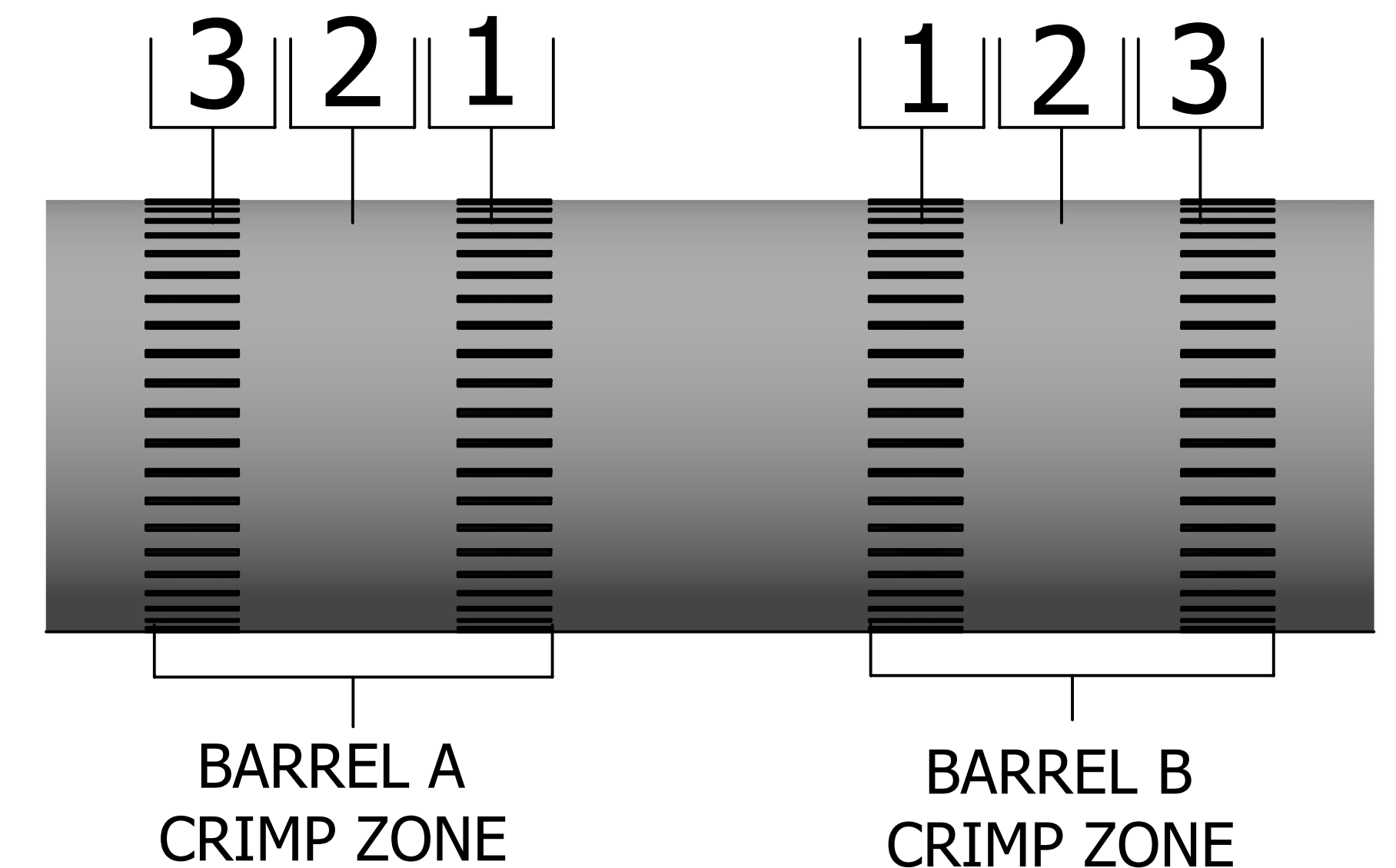
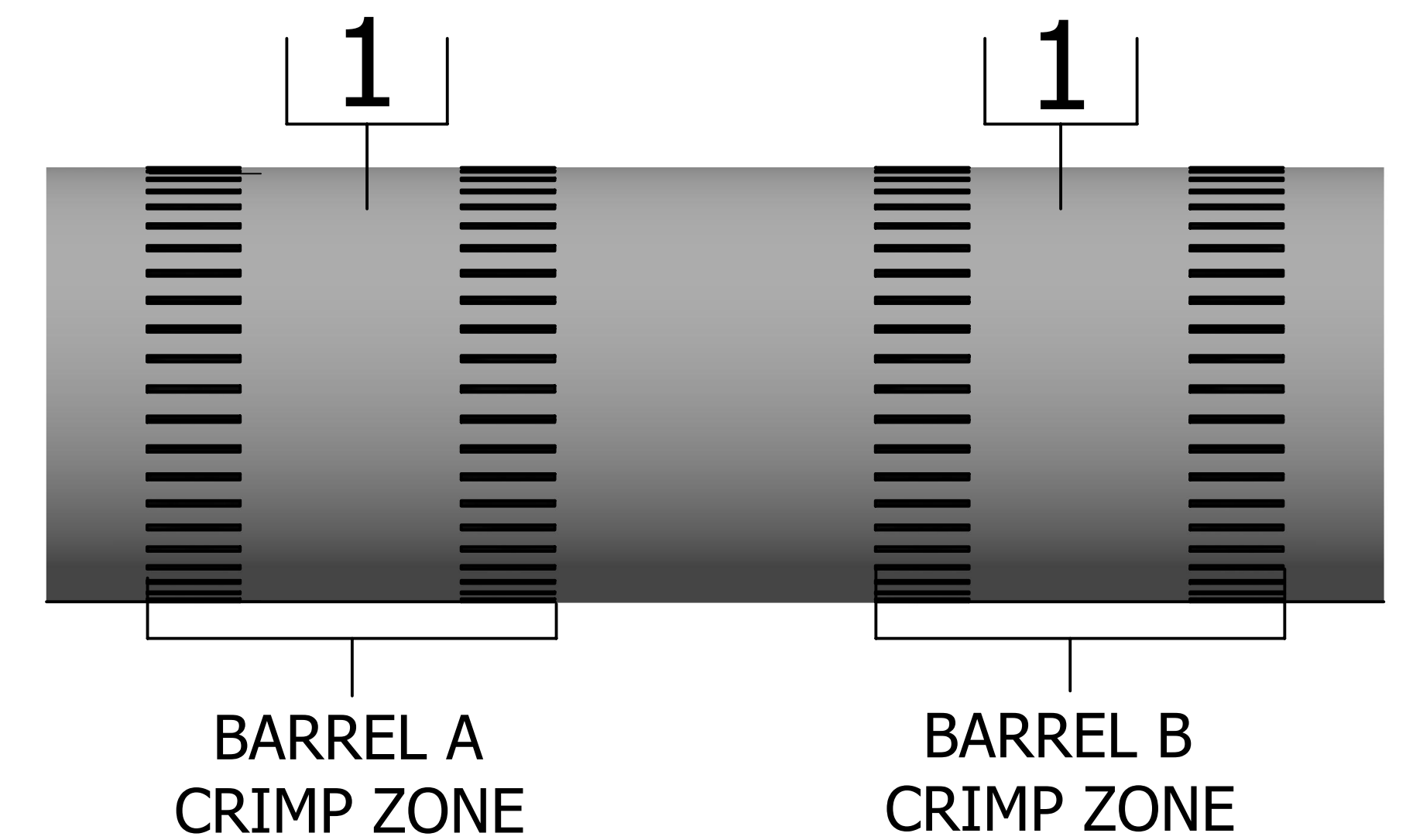
Installation instructions help the installer understand proper wire preparation, proper insertion requirements, crimp zone location, individual crimp location, crimp order and crimp direction, to ensure safe and reliable wire connections. In order to obtain a UL Listing BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more UL categories.

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. Wire brush the bare conductor to remove any oxides. DO NOT wire brush plated connectors.
4. Apply PENETROX™ A13 oxide inhibitor to the bare conductor.
5. Insert the conductor into the barrel for the full length. The connector barrel is filled with PENETROX™ A13, so be aware of the following:
 - Oxide inhibitor may discharge from the barrel when wire is fully inserted.
 - Oxide inhibitor may cause resistance that could feel like the wire is fully inserted. Ensure you insert the wire with enough force to penetrate the oxide inhibitor barrier until you reach the full wire insertion distance.
6. Apply the proper number of crimps based on the installation tooling requirements. Use the illustrations as a guide on crimp placement and direction for the proper number of crimps.
7. Remove excess PENETROX™ A13 that may discharge during installation.

REV	DATE	DESCRIPTION	ECO	BY	C'HK.
A	04/08/2021	MU UPDATION	210330006569	SS	YR

CATALOG NUMBER DESIGNATION		
YRB2U-	YRB8U-	YRB25U-



TO ORDER BURNDY® PRODUCTS CALL		HYREDUCER™														
UNITED STATES 1-800-346-4175 (LONDONDERRY, NH)		ITEM NO: -----														
CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)		CAT. NO: YRB-U- (TABLE)														
FOR PRODUCT INFO: http://www.burndy.com		<table border="1"> <tr> <td>DRAWN BY: V.S.KANNAN</td> <td>29-01-2014</td> <td rowspan="6" style="text-align: center; vertical-align: middle;"></td> </tr> <tr> <td>CHECKER: R.ROMAN</td> <td>15-04-2014</td> </tr> <tr> <td>DSN APRVL: R.ROMAN</td> <td>15-04-2014</td> </tr> <tr> <td>MFG APRVL: --</td> <td>15-04-2014</td> </tr> <tr> <td>QA APRVL: T.WATTS</td> <td>15-04-2014</td> </tr> <tr> <td>MKT APRVL: J.SYLVIA</td> <td>15-04-2014</td> </tr> </table>		DRAWN BY: V.S.KANNAN	29-01-2014		CHECKER: R.ROMAN	15-04-2014	DSN APRVL: R.ROMAN	15-04-2014	MFG APRVL: --	15-04-2014	QA APRVL: T.WATTS	15-04-2014	MKT APRVL: J.SYLVIA	15-04-2014
DRAWN BY: V.S.KANNAN	29-01-2014															
CHECKER: R.ROMAN	15-04-2014															
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QA APRVL: T.WATTS	15-04-2014															
MKT APRVL: J.SYLVIA	15-04-2014															
PROD FAM: --	DRAWING NO	REV														
PROJECT #: --	SIZE	50123311														
DOCUMENT TYPE: SALES	D	A														
REL LEVEL: Released		SHEET 2 OF 10														

CATALOG NUMBER	WIRE ACCOMMODATES					COLOR CODE	DIE INDEX #	WIRE STRIP LENGTH	Mechanical Dedicated Die Tools # Crimps per Barrel	Mechanical & Ratchet Dies Required (# Crimps per Barrel)		Hydraulic Tools - Dies Required (# Crimps per Barrel)					
	BARREL A		BARREL B							FIGURE	MY293	MD6 and MD7 Series	OUR840	MD6, 600, 500 Series	750, 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies
	ALUMINUM	COPPER	ALUMINUM	COPPER	FIGURE												
YRB26U2	2/0 AWG	2/0 AWG	2 AWG	2 AWG	1	WHITE	298	7/8"	1 CRIMP	X28ART (3)	X28ART (3)	U28ART (1)	U28ART (1)	U28ART (1)	U28ART (1)		
YRB26U2	2/0 AWG	2/0 AWG	1 AWG	1 AWG	1	WHITE	298	7/8"	1 CRIMP	X28ART (3)	X28ART (3)	U28ART (1)	U28ART (1)	U28ART (1)	U28ART (1)		
YRB26U25	2/0 AWG	2/0 AWG	1/0 AWG	1/0 AWG	2	WHITE	298	1-7/16"	2 CRIMPS	X28ART (6)	X28ART (6)	U28ART (2)	U28ART (2)	U28ART (2)	U28ART (2)		
YRB27U2	3/0 AWG	3/0 AWG	2 AWG	2 AWG	1	WHITE	298	7/8"	1 CRIMP	X28ART (3)	X28ART (3)	U28ART (1)	U28ART (1)	U28ART (1)	U28ART (1)		
YRB27U2	3/0 AWG	3/0 AWG	1 AWG	1 AWG	1	WHITE	298	7/8"	1 CRIMP	X28ART (3)	X28ART (3)	U28ART (1)	U28ART (1)	U28ART (1)	U28ART (1)		
YRB27U25	3/0 AWG	3/0 AWG	1/0 AWG	1/0 AWG	2	WHITE	298	1-7/16"	2 CRIMPS	X28ART (6)	X28ART (6)	U28ART (2)	U28ART (2)	U28ART (2)	U28ART (2)		
YRB27U26	3/0 AWG	3/0 AWG	2/0 AWG	2/0 AWG	2	WHITE	298	1-7/16"	2 CRIMPS	X28ART (6)	X28ART (6)	U28ART (2)	U28ART (2)	U28ART (2)	U28ART (2)		
YRB28U2	4/0 AWG	4/0 AWG	2 AWG	2 AWG	2	WHITE	298	1-7/16"	2 CRIMPS	X28ART (6)	X28ART (6)	U28ART (2)	U28ART (2)	U28ART (2)	U28ART (2)		
YRB28U2	4/0 AWG	4/0 AWG	1 AWG	1 AWG	2	WHITE	298	1-7/16"	2 CRIMPS	X28ART (6)	X28ART (6)	U28ART (2)	U28ART (2)	U28ART (2)	U28ART (2)		
YRB28U25	4/0 AWG	4/0 AWG	1/0 AWG	1/0 AWG	2	WHITE	298	1-7/16"	2 CRIMPS	X28ART (6)	X28ART (6)	U28ART (2)	U28ART (2)	U28ART (2)	U28ART (2)		
YRB28U26	4/0 AWG	4/0 AWG	2/0 AWG	2/0 AWG	2	WHITE	298	1-7/16"	2 CRIMPS	X28ART (6)	X28ART (6)	U28ART (2)	U28ART (2)	U28ART (2)	U28ART (2)		
YRB28U27	4/0 AWG	4/0 AWG	3/0 AWG	3/0 AWG	2	WHITE	298	1-7/16"	2 CRIMPS	X28ART (6)	X28ART (6)	U28ART (2)	U28ART (2)	U28ART (2)	U28ART (2)		

REV	DATE	DESCRIPTION	ECO	BY/C/H/K
A	04/08/2021	MU UPDATION	210330006569	SS YR

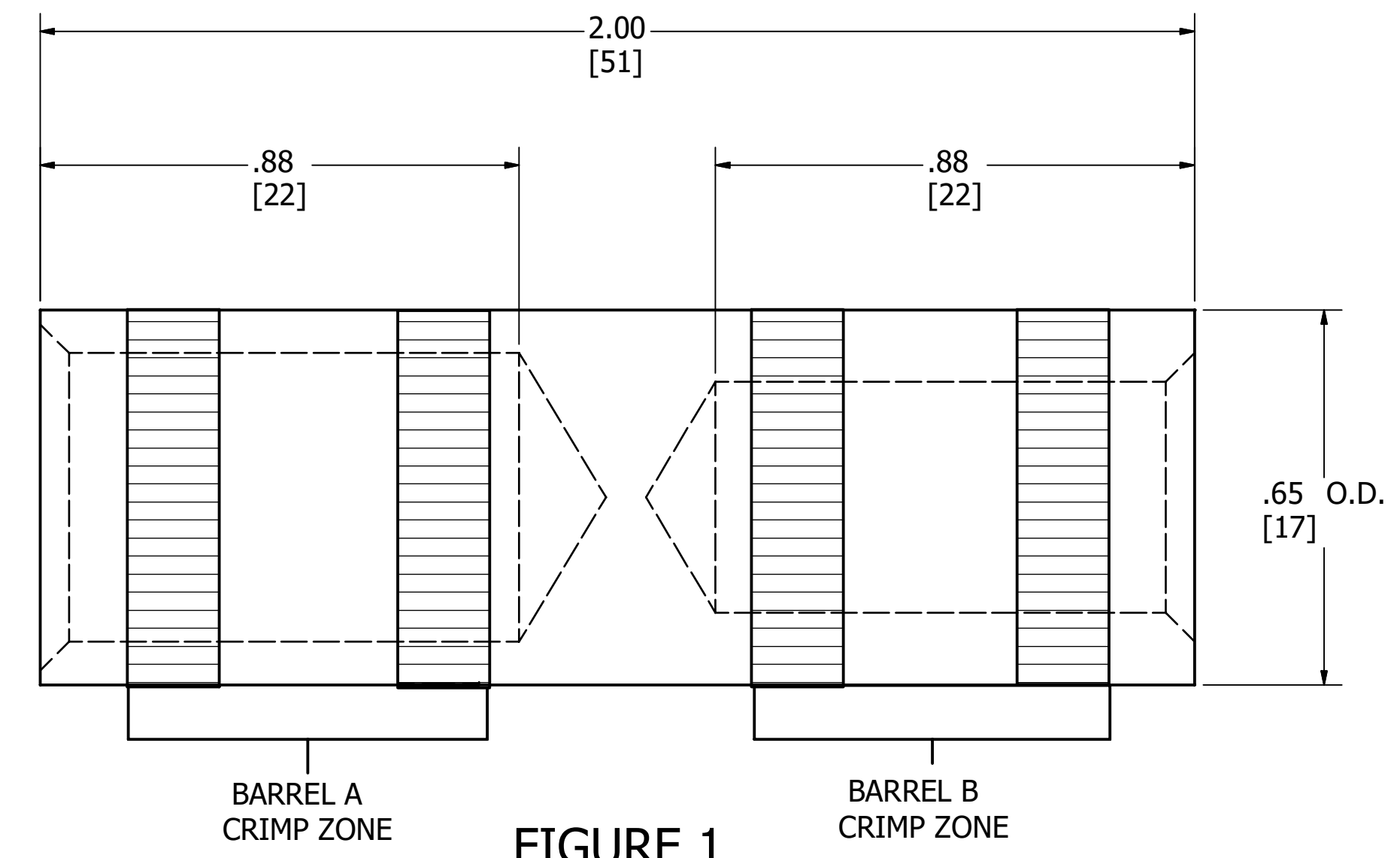
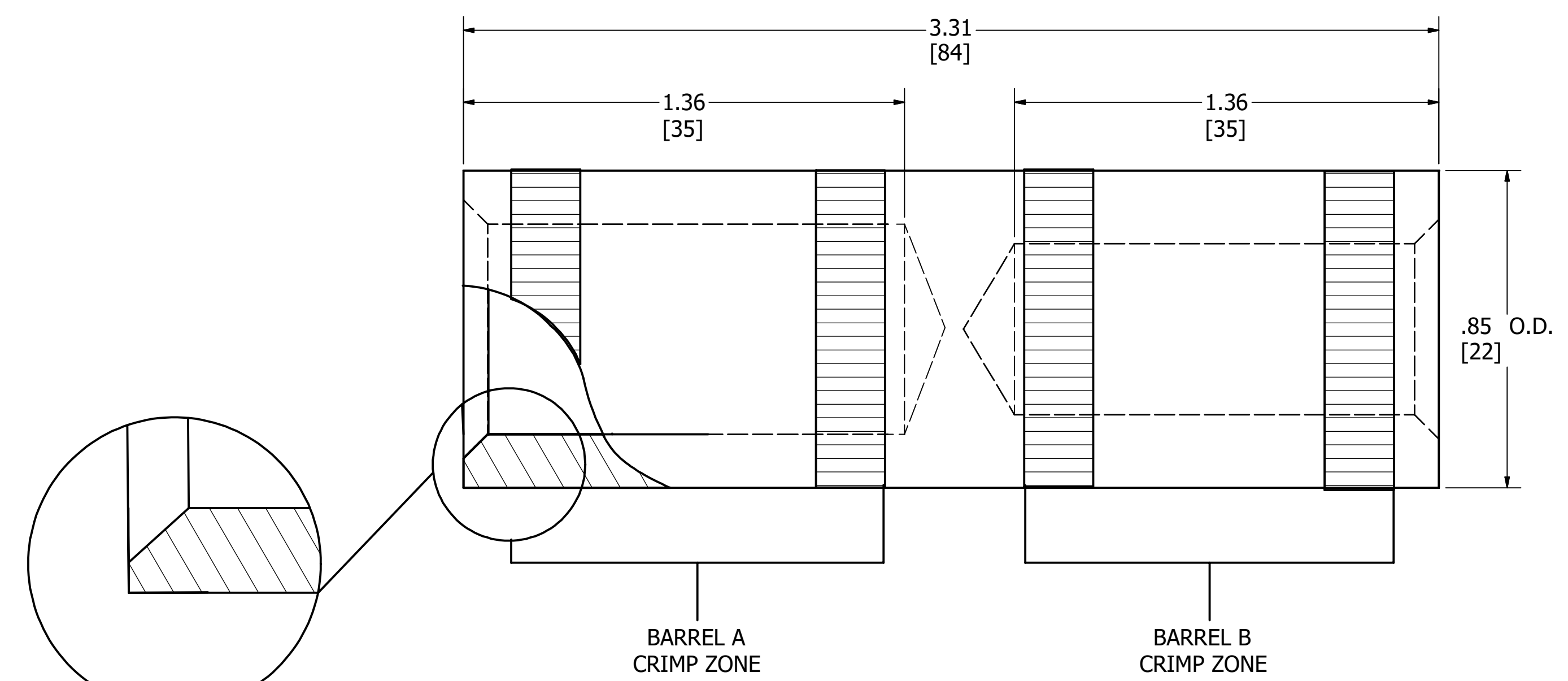


FIGURE 1



INTERNAL CHAMFER

FIGURE 2

NOTES:

- CONNECTOR: UNINSULATED ALUMINUM COMPRESSION SPLICE REDUCER.
- 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 TO UL 486A-486B WIRE CONNECTORS.
 - CSA CERTIFIED TO C22.2 NO 65.
- TEMPERATURE AND VOLTAGE RATING:
 - UL LISTED 90°C, UP TO 35kV.
 - ALUMINUM CONNECTORS ARE MARKED WITH AL9CU ACCOMMODATING ALUMINUM (AL) AND COPPER (CU) WIRE UP TO 90°C.
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 - ELECTRO-TIN PLATED: CONNECTORS HAVING NO SUFFIX ARE TIN PLATED UNLESS OTHERWISE SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28.
 - NICKEL PLATED: APPLY SUFFIX "NK" TO A CATALOG NUMBER IN THE TABLE, IF NOT SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28NK.
 - SILVER PLATED: APPLY SUFFIX "SV" TO A CATALOG NUMBER IN THE TABLE, IF NOT SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28SV.
 - TIN ZINC PLATED: APPLY SUFFIX "TZ" TO A CATALOG NUMBER IN THE TABLE, IF NOT SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28TZ.

7. FEATURES:

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TO ORDER BURNDY® PRODUCTS CALL		HYREDUCER™	
UNITED STATES 1-800-346-4175 (LONDONDERRY, NH)		CAT. NO: YRB-U- (TABLE)	
CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)		DRAWN BY: V.S.KANNAN 29-01-2014	
FOR PRODUCT INFO: http://www.burndy.com		CHECKER: R.ROMAN 15-04-2014	
		DSN APRVL: R.ROMAN 15-04-2014	
		MFG APRVL: ---	
		QA APRVL: T.WATTS 15-04-2014	
		MKT APRVL: J.SYLVIA 15-04-2014	
		PROD FAM: ---	
		DRAWING NO	
		50123311	
		REV	
		A	
		SHEET 3 OF 10	

Installation Instructions:

REV	DATE	DESCRIPTION	ECO	BY	C'H'K.
A	04/08/2021	MU UPDATION	210330006569	SS	YR

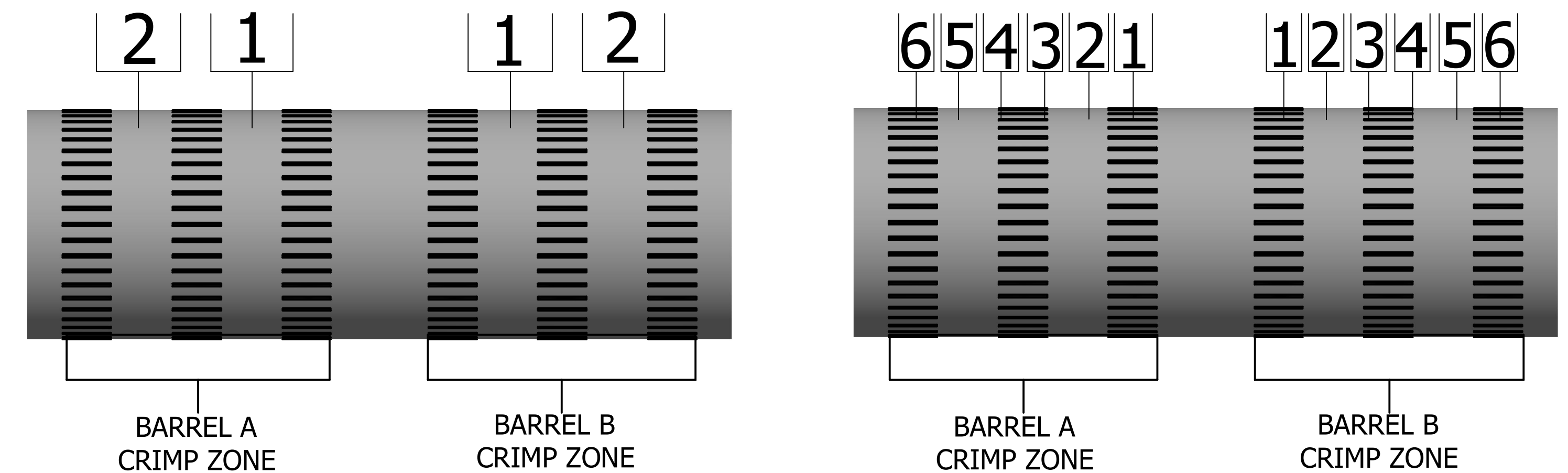
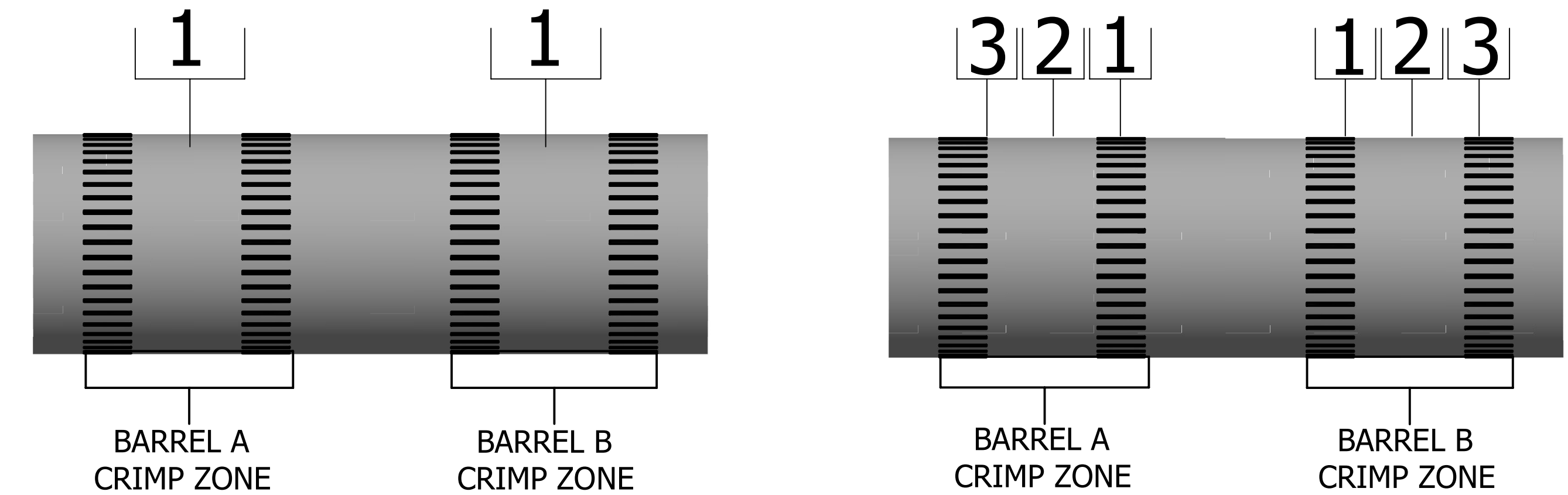
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 - Wire Construction
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- Apply the proper number of crimps based on the installation tooling requirements. Use the illustrations as a guide on crimp placement and direction for the proper number of crimps.
- Remove excess PENETROX™ A13 that may discharge during installation.

CATALOG NUMBER DESIGNATION

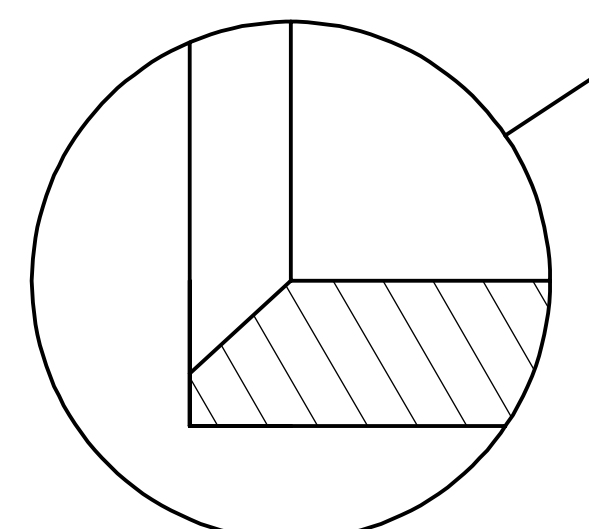
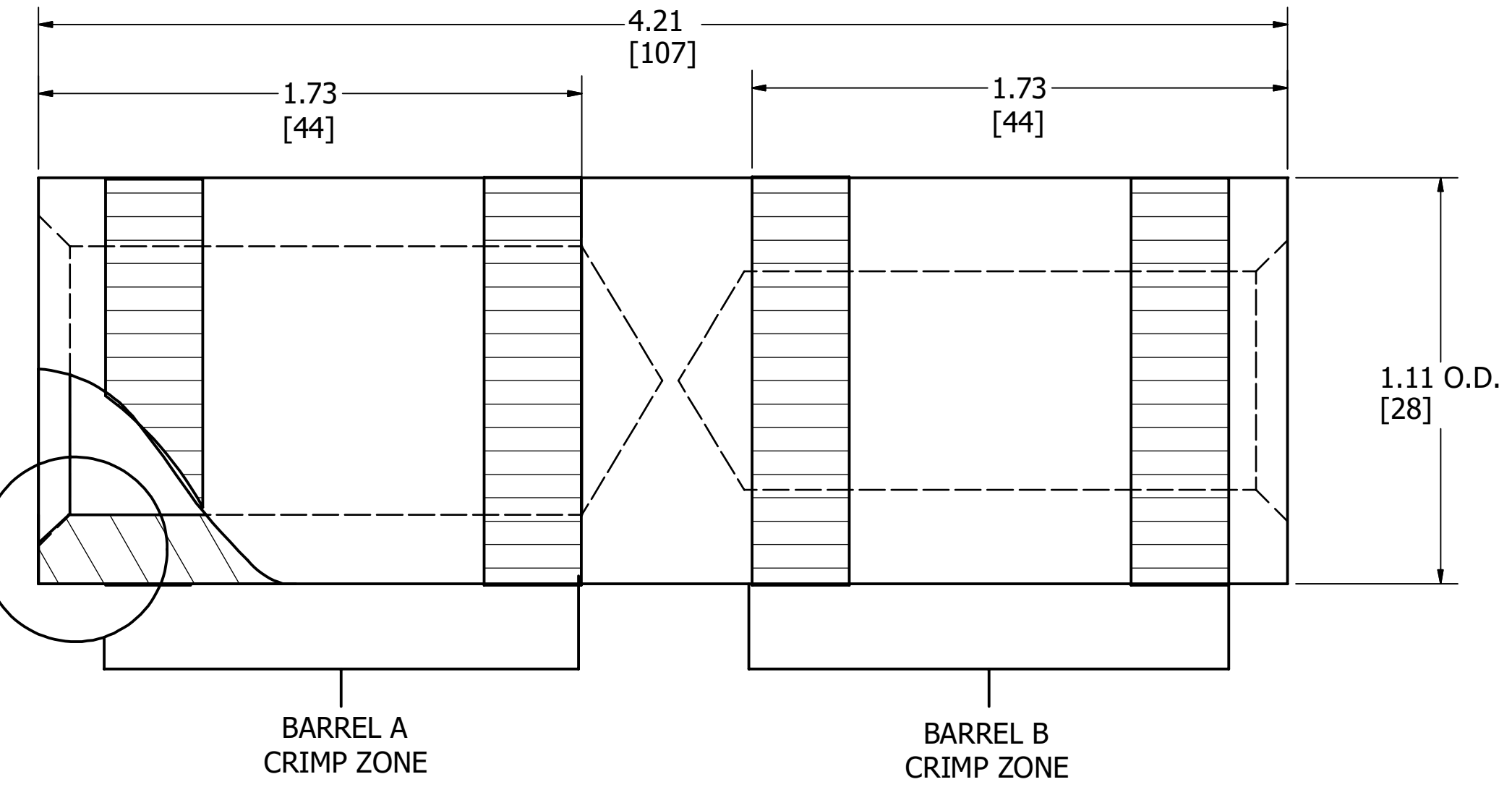
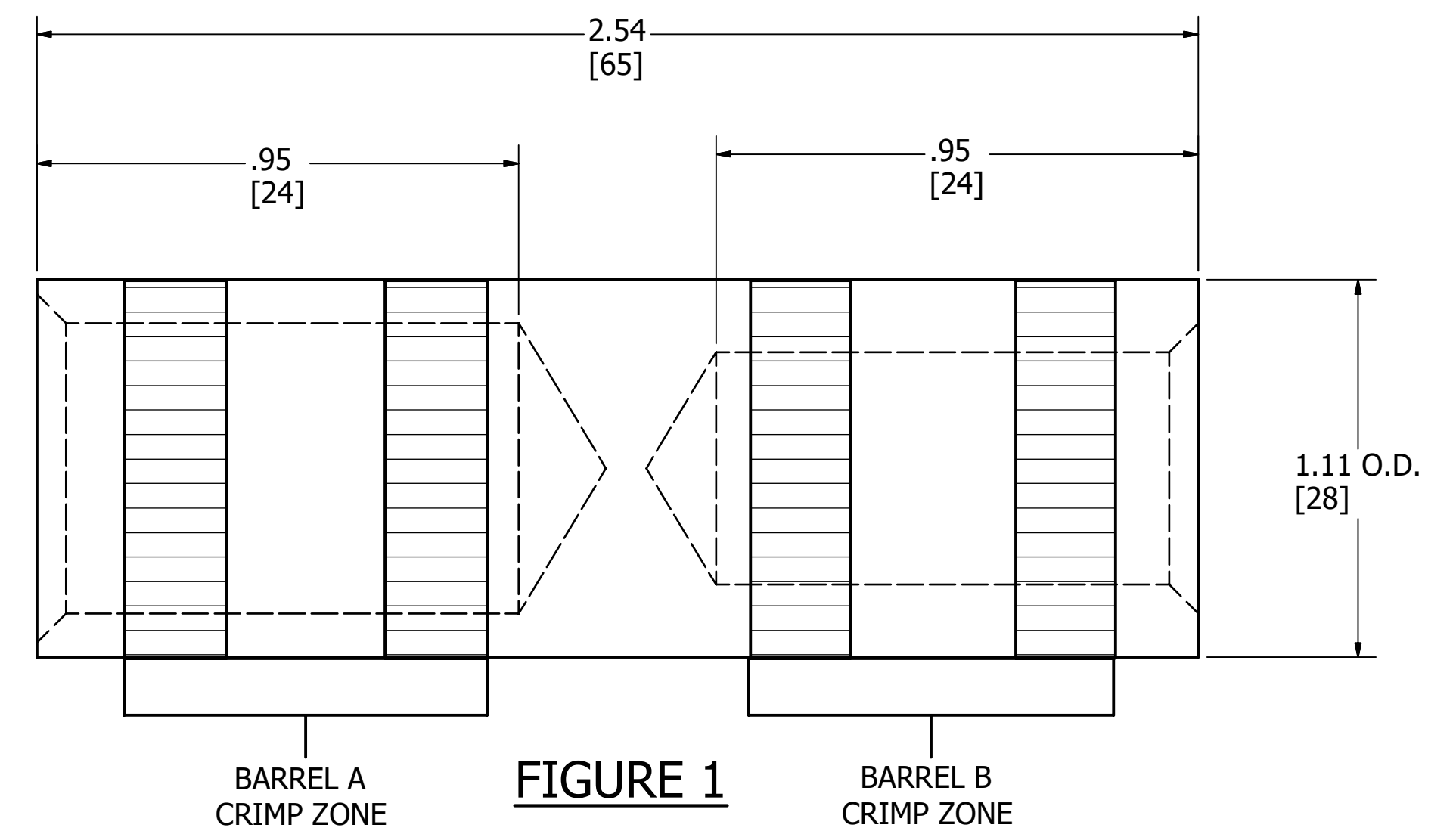
YRB26U-	YRB27U-	YRB28U-
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TO ORDER BURNDY® PRODUCTS CALL		HYREDUCER™													
UNITED STATES 1-800-346-4175 (LONDONDERRY, NH)		ITEM NO: -----													
CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)		CAT. NO: YRB-U- (TABLE)													
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MKT APRVL: J.SYLVIA	15-04-2014														
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PROD FAM: --	DRAWING NO	REV													
PROJECT #: --	SIZE	50123311													
DOCUMENT TYPE: SALES		A													
REL LEVEL: Released		SHEET 4 OF 10													

CATALOG NUMBER	WIRE ACCOMMODATES					COLOR CODE	DIE INDEX #	WIRE STRIP LENGTH	Hydraulic Tools - Dies Required (# Crimps per Barrel)			
	BARREL A		BARREL B		FIGURE				MD6, 600, 500 Series	750, 35 Series	45 Series Use PT6515 with U Dies	46 Series Use PUADP1 with U Dies
	ALUMINUM	COPPER	ALUMINUM	COPPER								
YRB29U25	250 kcmil	250 kcmil	1/0 AWG	1/0 AWG	1	BROWN	299	1/8"	U31ART (1)	U31ART (1)	U31ART (1)	U31ART (1)
YRB29U26	250 kcmil	250 kcmil	2/0 AWG	2/0 AWG	2	BROWN	299	1-13/16"	U31ART (2)	U31ART (2)	U31ART (2)	U31ART (2)
YRB29U28	250 kcmil	250 kcmil	4/0 AWG	4/0 AWG	2	BROWN	299	1-13/16"	U31ART (2)	U31ART (2)	U31ART (2)	U31ART (2)
YRB30U28	300 kcmil	300 kcmil	4/0 AWG	4/0 AWG	2	BROWN	299	1-13/16"	U31ART (2)	U31ART (2)	U31ART (2)	U31ART (2)
YRB31U2	350 kcmil	350 kcmil	2 AWG	2 AWG	1	BROWN	299	1/8"	U31ART (1)	U31ART (1)	U31ART (1)	U31ART (1)
YRB31U2	350 kcmil	350 kcmil	1 AWG	1 AWG	1	BROWN	299	1/8"	U31ART (1)	U31ART (1)	U31ART (1)	U31ART (1)
YRB31U25	350 kcmil	350 kcmil	1/0 AWG	1/0 AWG	1	BROWN	299	1/8"	U31ART (1)	U31ART (1)	U31ART (1)	U31ART (1)
YRB31U27	350 kcmil	350 kcmil	3/0 AWG	3/0 AWG	2	BROWN	299	1-13/16"	U31ART (2)	U31ART (2)	U31ART (2)	U31ART (2)
YRB31U28	350 kcmil	350 kcmil	4/0 AWG	4/0 AWG	2	BROWN	299	1-13/16"	U31ART (2)	U31ART (2)	U31ART (2)	U31ART (2)
YRB31U29	350 kcmil	350 kcmil	250 kcmil	250 kcmil	2	BROWN	299	1-13/16"	U31ART (2)	U31ART (2)	U31ART (2)	U31ART (2)

REV	DATE	DESCRIPTION	ECO	BY	C'H'K.
A	04/08/2021	MU UPDATION	210330006569	SS	YR



INTERNAL CHAMFER

NOTES:

- CONNECTOR: UNINSULATED ALUMINUM COMPRESSION SPLICE REDUCER.
- 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 TO UL 486A-486B WIRE CONNECTORS.
 - CSA CERTIFIED TO C22.2 NO 65.
- TEMPERATURE AND VOLTAGE RATING:
 - UL LISTED 90°C, UP TO 35kV.
 - ALUMINUM CONNECTORS ARE MARKED WITH AL9CU ACCOMMODATING ALUMINUM (AL) AND COPPER (CU) WIRE UP TO 90°C.
- WIRE ACCOMMODATE TYPES (SEE TABLE): DUAL RATED TO ACCOMMODATE ALUMINUM AND COPPER WIRE.
 - ALUMINUM WIRE (AL): CLASS B (CONCENTRIC, COMPRESSED, COMPACT).
 - COPPER WIRE (CU): CLASS B (CONCENTRIC, COMPRESSED, COMPACT) OR CLASS C
- CONNECTOR FINISHES AND SUFFIX: SEE SECTION C OF THE BURNDY MASTER CATALOG FOR PLATING SERVICE TEMPERATURE RATINGS.
 - ELECTRO-TIN PLATED: CONNECTORS HAVING NO SUFFIX ARE TIN PLATED UNLESS OTHERWISE SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28.
 - NICKEL PLATED: APPLY SUFFIX "NK" TO A CATALOG NUMBER IN THE TABLE, IF NOT SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28NK.
 - SILVER PLATED: APPLY SUFFIX "SV" TO A CATALOG NUMBER IN THE TABLE, IF NOT SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28SV.
 - TIN ZINC PLATED: APPLY SUFFIX "TZ" TO A CATALOG NUMBER IN THE TABLE, IF NOT SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28TZ.

7. FEATURES:

- BARREL TYPICAL ROLL MARKINGS (AS SPACE PERMITS): CRIMP ZONE IS INDICATED BY KNURL BANDS, BURNDY CORPORATE NAME OR LOGO, UL LOG (IF APPLICABLE), CSA LOGO (IF APPLICABLE), WIRE SIZE, DIE COLOR CODE, INDEX NUMBER.
 - BARREL DESIGN: BARREL END AT THE WIRE HAS AN INTERNAL CHAMFER, ALLOWING FOR SMOOTH WIRE INSERTION.
 - CONNECTORS ARE PRE-FILLED WITH PENETROX™A13, WHICH IS AN OXIDE INHIBITOR.
 - EACH CONNECTOR HAS COLOR-CODED END CAPS TO MATCH THE DIE COLOR CODE. THIS ALSO PREVENTS PARTICLES FROM ENTERING THE BARREL.
- INSTALLATION TOOLING AND DIES ARE CONSTANTLY BEING UPDATED. FOR THE LATEST INSTALLATION TOOLING INFORMATION, REFER TO THE MASTER CATALOG ON THE BURNDY WEBSITE.
 - YRB39- ACCOMMODATING 900 COMPACT AL HAS ONLY BEEN TESTED WITH 644 SERIES DIE-LESS INSTALLATION TOOL AND NOT UL LISTED WITH ANY TOOL.
 - 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 SHEET 4.

TO ORDER BURNDY® PRODUCTS CALL		HYREDUCER™	
UNITED STATES 1-800-346-4175 (LONDONDERRY, NH)		DRAWING NO. 50123311	
CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)		REV. A	
FOR PRODUCT INFO: http://www.burndy.com		SHEET 5 OF 10	

REV	DATE	DESCRIPTION	ECO	BY	C'H'K.
A	04/08/2021	MU UPDATION	210330006569	SS	YR

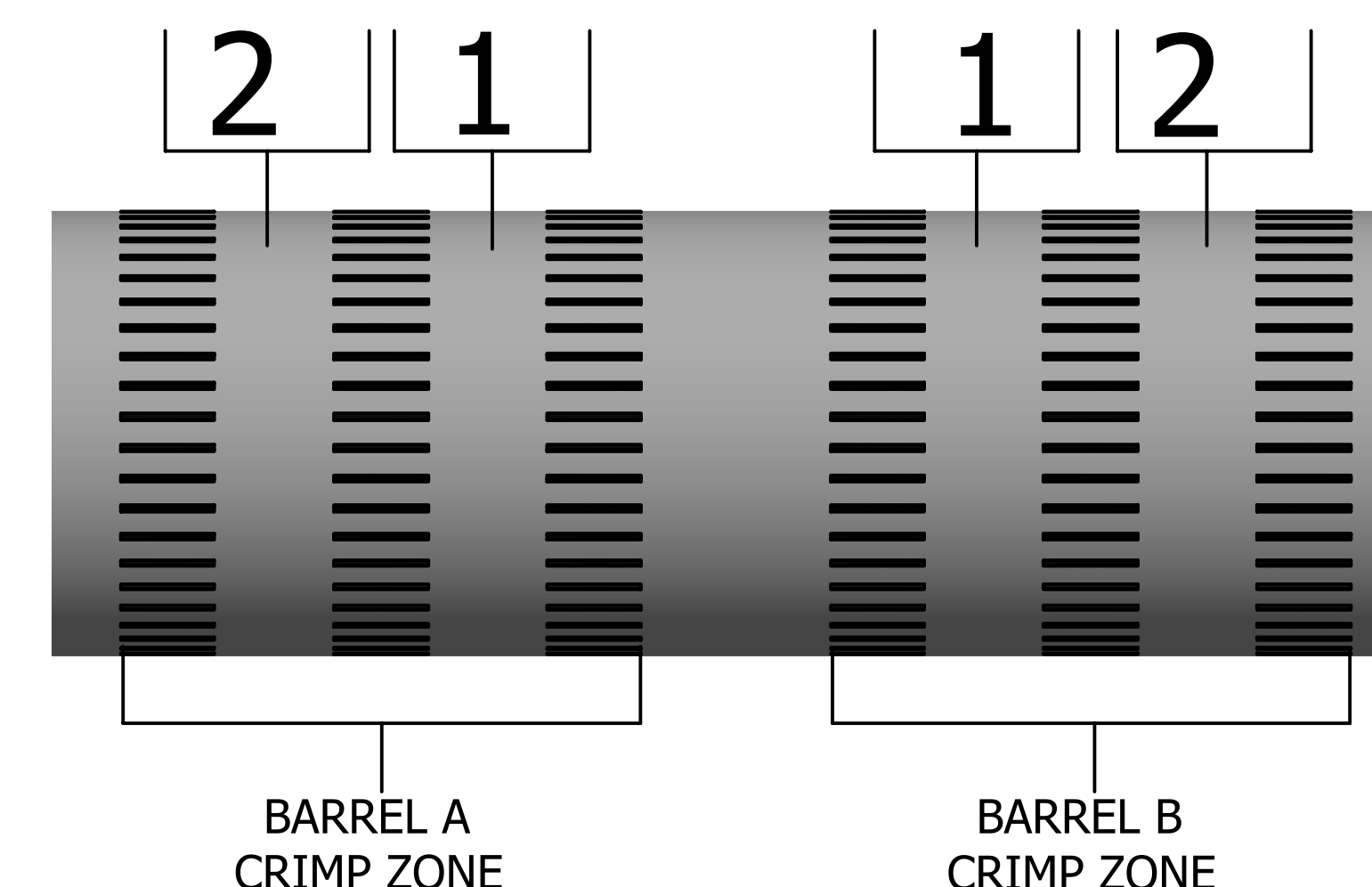
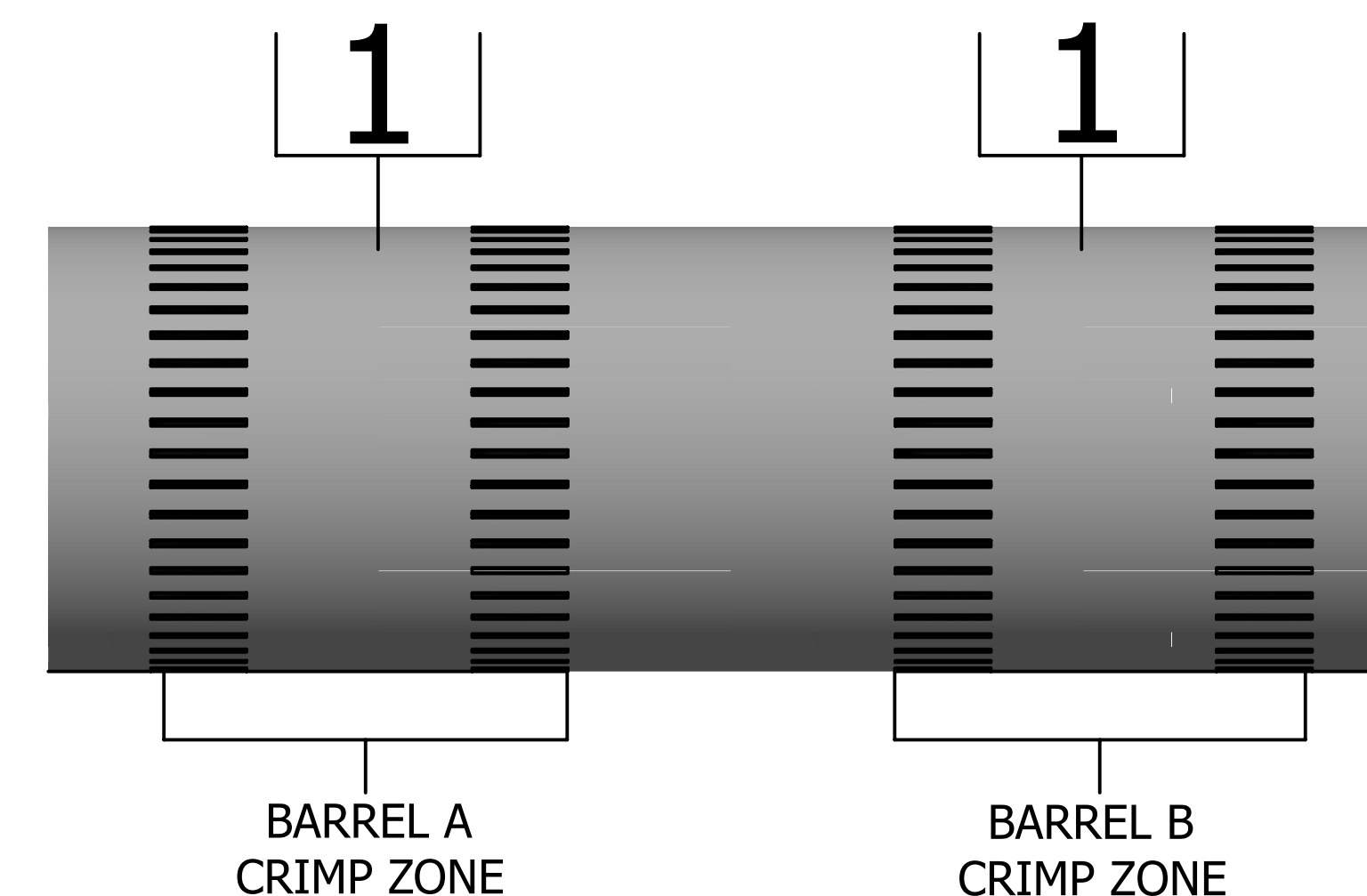
Installation Instructions:

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. In order to obtain a UL Listing BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more UL categories.

Installation Steps:

- Select the appropriate connector based on:
 - Wire Material
 - Wire Construction
 - Wire Size
- 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.
- Wire brush the bare conductor to remove any oxides. DO NOT wire brush plated connectors.
- Apply PENETROX™ A13 oxide inhibitor to the bare conductor.
- Insert the conductor into the barrel for the full length. The connector barrel is filled with PENETROX™ A13, so be aware of the following:
 - Oxide inhibitor may discharge from the barrel when wire is fully inserted.
 - Oxide inhibitor may cause resistance that could feel like the wire is fully inserted. Ensure you insert the wire with enough force to penetrate the oxide inhibitor barrier until you reach the full wire insertion distance.
- Apply the proper number of crimps based on the installation tooling requirements. Use the illustrations as a guide on crimp placement and direction for the proper number of crimps.
- Remove excess PENETROX™ A13 that may discharge during installation.

CATALOG NUMBER DESIGNATION		
YRB29U-	YRB30U-	YRB31U-



TO ORDER BURNDY® PRODUCTS CALL		HYREDUCER™	
UNITED STATES 1-800-346-4175 (LONDONDERRY, NH)		ITEM NO: -----	
CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)		CAT. NO: YRB-U- (TABLE)	
FOR PRODUCT INFO: http://www.burndy.com		DRAWN BY: V.S.KANNAN 29-01-2014	
		CHECKER: R.ROMAN 15-04-2014	
		DSN APRVL: R.ROMAN 15-04-2014	
		MFG APRVL: -- 15-04-2014	
		QA APRVL: T.WATTS 15-04-2014	
		MKT APRVL: J.SYLVIA 15-04-2014	
		PROD FAM: --	
		DRAWING NO	
		PROJECT #: --	
		SIZE	
		DOCUMENT TYPE: SALES	
		REL LEVEL: Released	
		50123311	
		D	
		A	
		SHEET 6 OF 10	

CATALOG NUMBER	WIRE ACCOMMODATES				FIGURE	COLOR CODE	DIE INDEX #	WIRE STRIP LENGTH	Hydraulic Tools - Dies Required (# Crimps per Barrel)				
	BARREL A		BARREL B						MD6, 600, 500 Series	750, 35 Series	45 Series Use <i>PT6515</i> with <i>U</i> Dies	46 Series Use <i>PUADP1</i> with <i>U</i> Dies	60 Series
	ALUMINUM	COPPER	ALUMINUM	COPPER									
YRB32U2	400 kcmil	400 kcmil	2 AWG	2 AWG	1	PINK	300	1-1/4"	U34ART (2)	U34ART (2)	U34ART (2)	U34ART (2)	L34ART (1)
YRB32U2	400 kcmil	400 kcmil	1 AWG	1 AWG	1	PINK	300	1-1/4"	U34ART (2)	U34ART (2)	U34ART (2)	U34ART (2)	L34ART (1)
YRB32U29	400 kcmil	400 kcmil	250 kcmil	250 kcmil	2	PINK	300	2-3/16"	U34ART (4)	U34ART (4)	U34ART (4)	U34ART (4)	L34ART (2)
YRB32U31	400 kcmil	400 kcmil	350 kcmil	350 kcmil	2	PINK	300	2-3/16"	U34ART (4)	U34ART (4)	U34ART (4)	U34ART (4)	L34ART (2)
YRB34U25	500 kcmil	500 kcmil	1/0 AWG	1/0 AWG	1	PINK	300	1-1/4"	U34ART (2)	U34ART (2)	U34ART (2)	U34ART (2)	L34ART (1)
YRB34U27	500 kcmil	500 kcmil	3/0 AWG	3/0 AWG	2	PINK	300	2-3/16"	U34ART (4)	U34ART (4)	U34ART (4)	U34ART (4)	L34ART (2)
YRB34U28	500 kcmil	500 kcmil	4/0 AWG	4/0 AWG	2	PINK	300	2-3/16"	U34ART (4)	U34ART (4)	U34ART (4)	U34ART (4)	L34ART (2)
YRB34U29	500 kcmil	500 kcmil	250 kcmil	250 kcmil	2	PINK	300	2-3/16"	U34ART (4)	U34ART (4)	U34ART (4)	U34ART (4)	L34ART (2)
YRB34U30	500 kcmil	500 kcmil	300 kcmil	300 kcmil	2	PINK	300	2-3/16"	U34ART (4)	U34ART (4)	U34ART (4)	U34ART (4)	L34ART (2)
YRB34U31	500 kcmil	500 kcmil	350 kcmil	350 kcmil	2	PINK	300	2-3/16"	U34ART (4)	U34ART (4)	U34ART (4)	U34ART (4)	L34ART (2)
YRB34U32	500 kcmil	500 kcmil	400 kcmil	400 kcmil	2	PINK	300	2-3/16"	U34ART (4)	U34ART (4)	U34ART (4)	U34ART (4)	L34ART (2)

REV	DATE	DESCRIPTION	ECO	BY	C'H'K.
A	04/08/2021	MU UPDATION	210330006569	SS	YR

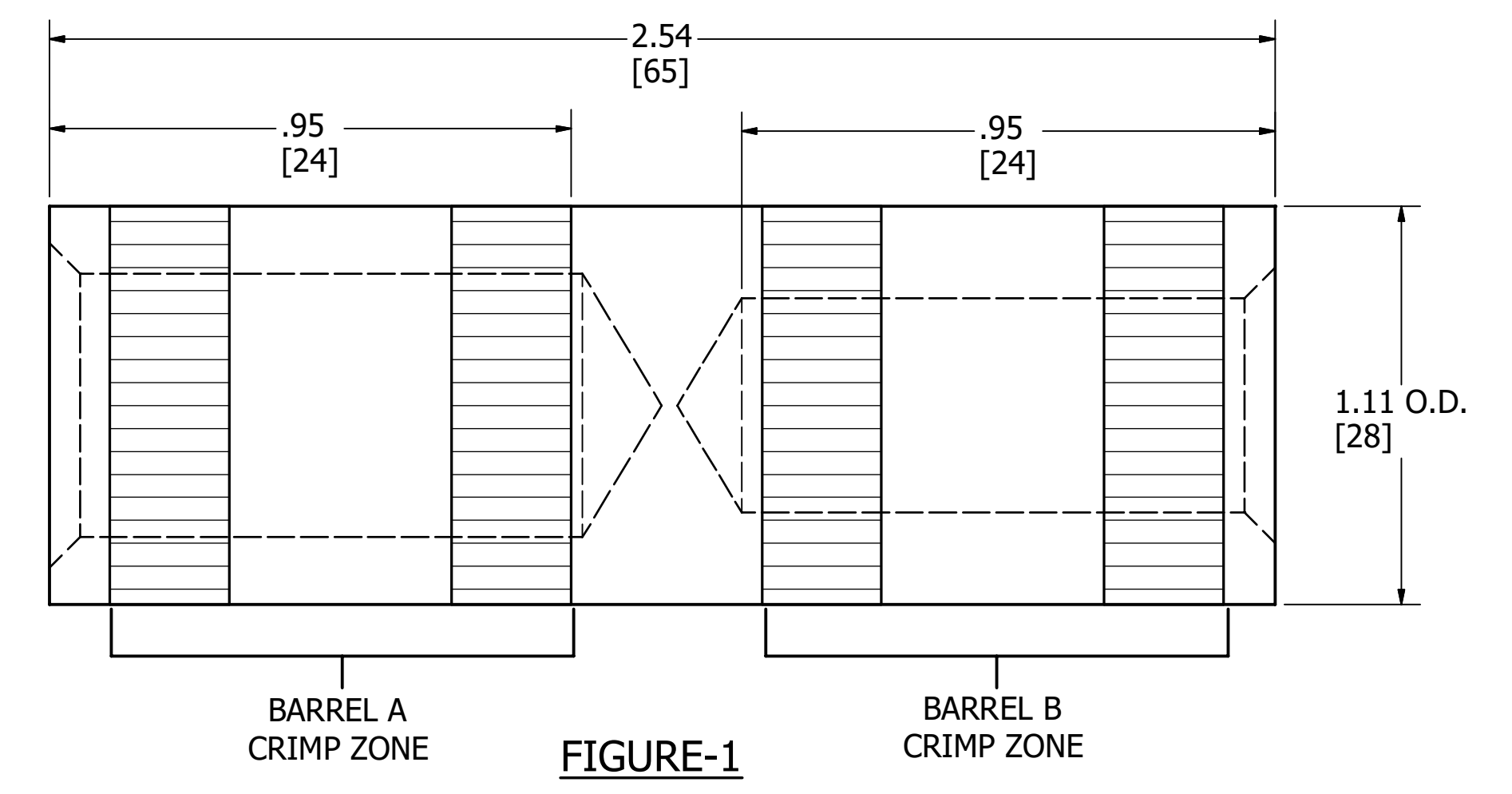


FIGURE-1

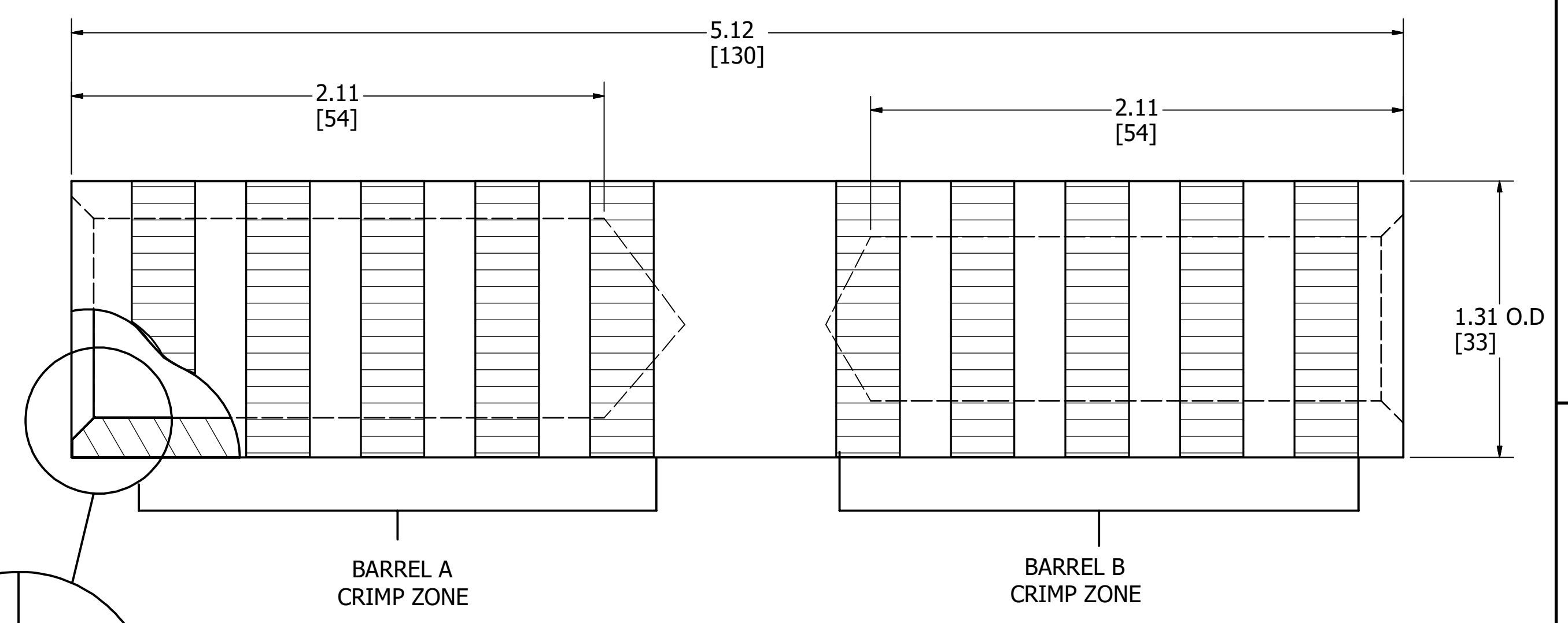


FIGURE-2

INTERNAL CHAMFER

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TO ORDER BURNDY® PRODUCTS CALL		HYREDUCER™													
UNITED STATES 1-800-346-4175 (LONDONDERRY, NH)		ITEM NO: -----													
CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)		CAT. NO: YRB-U- (TABLE)													
FOR PRODUCT INFO: http://www.burndy.com		<table border="1"> <tr> <td>DRAWN BY: V.S.KANNAN</td> <td>29-01-2014</td> </tr> <tr> <td>CHECKER: R.ROMAN</td> <td>15-04-2014</td> </tr> <tr> <td>DSN APRVL: R.ROMAN</td> <td>15-04-2014</td> </tr> <tr> <td>MFG APRVL: --</td> <td>15-04-2014</td> </tr> <tr> <td>QA APRVL: T.WATTS</td> <td>15-04-2014</td> </tr> <tr> <td>MKT APRVL: J.SYLVA</td> <td>15-04-2014</td> </tr> </table>		DRAWN BY: V.S.KANNAN	29-01-2014	CHECKER: R.ROMAN	15-04-2014	DSN APRVL: R.ROMAN	15-04-2014	MFG APRVL: --	15-04-2014	QA APRVL: T.WATTS	15-04-2014	MKT APRVL: J.SYLVA	15-04-2014
DRAWN BY: V.S.KANNAN	29-01-2014														
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DSN APRVL: R.ROMAN	15-04-2014														
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QA APRVL: T.WATTS	15-04-2014														
MKT APRVL: J.SYLVA	15-04-2014														
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PROJECT #:	SIZE														
DOCUMENT TYPE: SALES	50123311														
REL LEVEL: Released	D														
DRAWING NO	REV														
50123311	A														
SHEET 7 OF 10															

Installation Instructions:

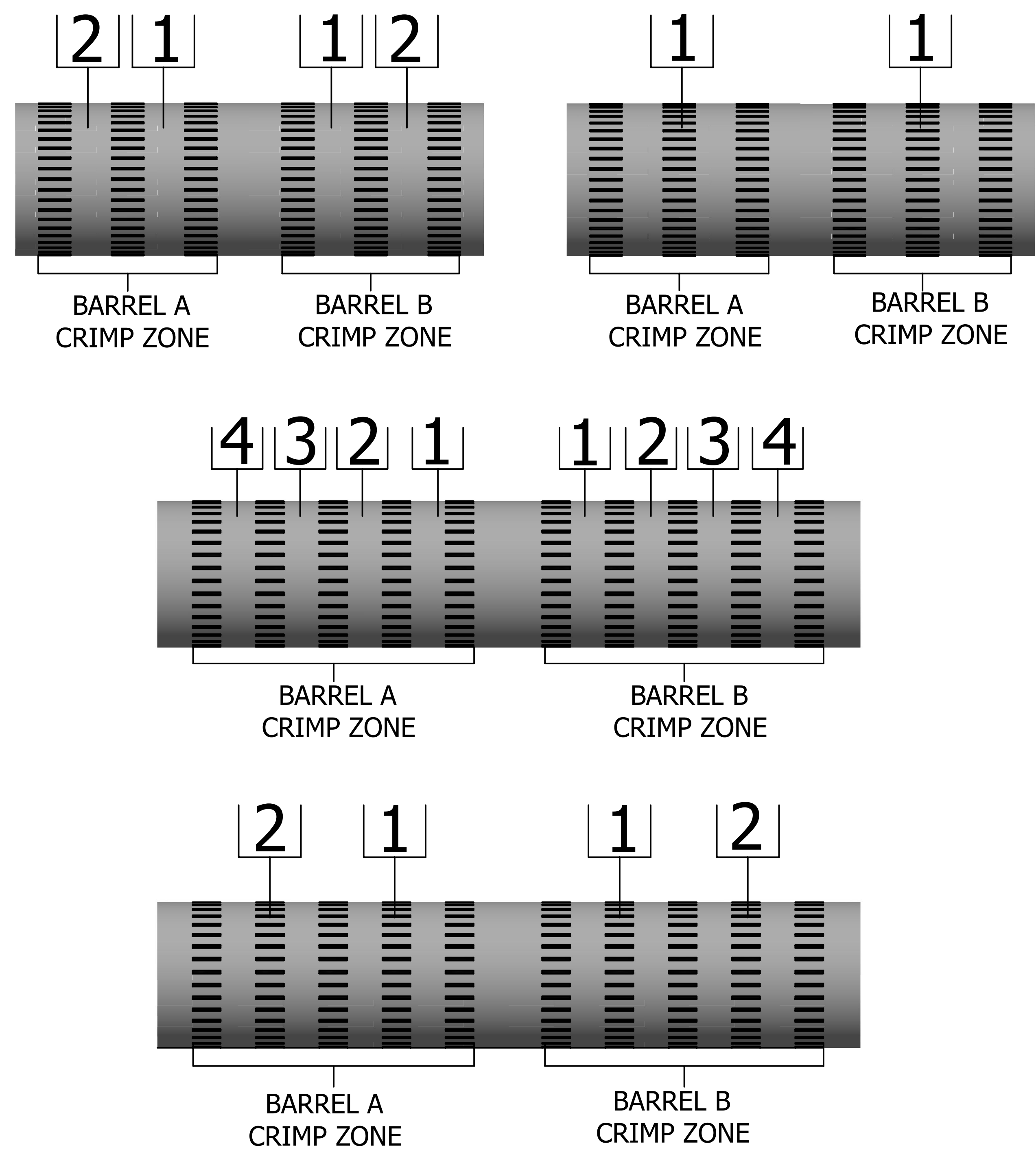
REV	DATE	DESCRIPTION	ECO	BY	C'H'K.
A	04/08/2021	MU UPDATE	210330006569	SS	YR

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. In order to obtain a UL Listing BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more UL categories.

Installation Steps:

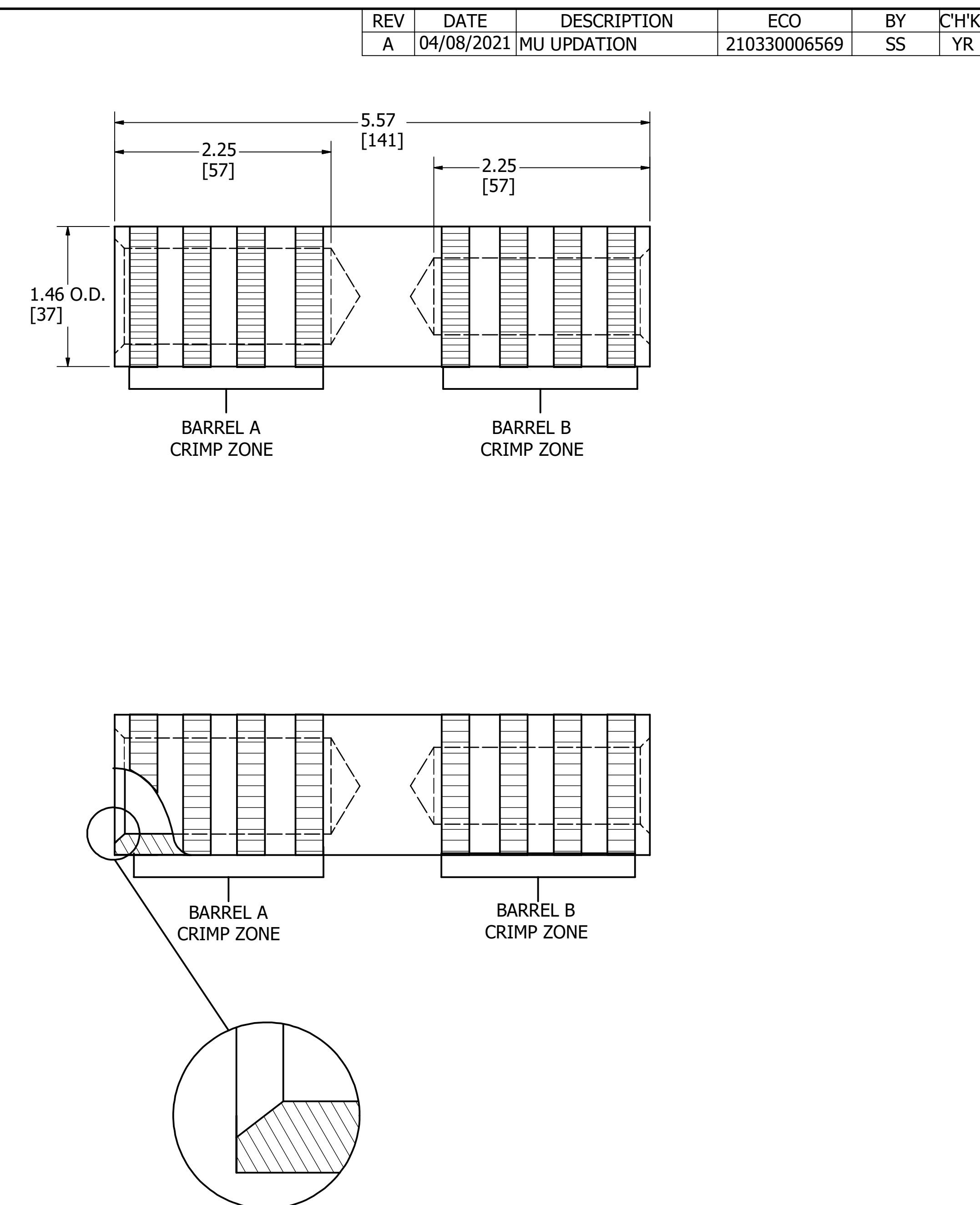
1. Select the appropriate connector based on:
Wire Material
Wire Construction
Wire Size
2. Strip the insulation to the appropriate wire strip length, based on the table's Wire Strip Length recommendation for the selected connector. Due to tolerances in the connector, wire strip length, and insulation 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. Wire brush the bare conductor to remove any oxides. DO NOT wire brush plated connectors.
4. Apply PENETROX™ A13 oxide inhibitor to the bare conductor.
5. Insert the conductor into the barrel for the full length. The connector barrel is filled with PENETROX™ A13, so be aware of the following:
Oxide inhibitor may discharge from the barrel when wire is fully inserted.
Oxide inhibitor may cause resistance that could feel like the wire is fully inserted. Ensure you insert the wire with enough force to penetrate the oxide inhibitor barrier until you reach the full wire insertion distance.
6. Apply the proper number of crimps based on the installation tooling requirements. Use the illustrations as a guide on crimp placement and direction for the proper number of crimps.
7. Remove excess PENETROX™ A13 that may discharge during installation.

CATALOG NUMBER DESIGNATION	
YRB32U-	YRB34U-



TO ORDER BURNDY® PRODUCTS CALL		HYREDUCER™															
UNITED STATES 1-800-346-4175 (LONDONDERRY, NH)		ITEM NO: -----															
CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)		CAT. NO: YRB-U- (TABLE)															
FOR PRODUCT INFO: http://www.burndy.com		<table border="1"> <tr> <td>DRAWN BY: V.S.KANNAN</td> <td>29-01-2014</td> <td rowspan="5" style="text-align: center;"></td> </tr> <tr> <td>CHECKER: R.ROMAN</td> <td>15-04-2014</td> </tr> <tr> <td>DSN APRVL: R.ROMAN</td> <td>15-04-2014</td> </tr> <tr> <td>MFG APRVL: --</td> <td>15-04-2014</td> </tr> <tr> <td>QA APRVL: T.WATTS</td> <td>15-04-2014</td> </tr> <tr> <td>MKT APRVL: J.SYLVA</td> <td>15-04-2014</td> <td></td> </tr> </table>		DRAWN BY: V.S.KANNAN	29-01-2014		CHECKER: R.ROMAN	15-04-2014	DSN APRVL: R.ROMAN	15-04-2014	MFG APRVL: --	15-04-2014	QA APRVL: T.WATTS	15-04-2014	MKT APRVL: J.SYLVA	15-04-2014	
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MKT APRVL: J.SYLVA	15-04-2014																
PROD FAM: --	DRAWING NO	REV															
PROJECT #: --	SIZE	50123311	A														
DOCUMENT TYPE: SALES	D	SHEET 8 OF 10															
REL LEVEL: Released																	

CATALOG NUMBER	WIRE ACCOMMODATES				COLOR CODE	DIE INDEX #	WIRE STRIP LENGTH	Hydraulic Tools - Dies Required (# Crimps per Barrel)				
	BARREL A		BARREL B					MD6, 600, 500 Series	750, 35 Series	45 Series <i>Use PT6515 with U Dies</i>	46 Series <i>Use PUADP1 with U Dies</i>	60 Series
	ALUMINUM	COPPER	ALUMINUM	COPPER								
YRB36U29	600 kcmil	600 kcmil	250 kcmil	250 kcmil	YELLOW	936	2-5/16"	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)
YRB36U34	600 kcmil	600 kcmil	500 kcmil	500 kcmil	YELLOW	936	2-5/16"	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)
YRB39U30	700 kcmil 750 kcmil 900 Compact	750 kcmil	300 kcmil	300 kcmil	YELLOW	936	2-5/16"	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)
YRB39U31	700 kcmil 750 kcmil 900 Compact	750 kcmil	350 kcmil	350 kcmil	YELLOW	936	2-5/16"	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)
YRB39U34	700 kcmil 750 kcmil 900 Compact	750 kcmil	500 kcmil	500 kcmil	YELLOW	936	2-5/16"	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)
YRB39U36	700 kcmil 750 kcmil 900 Compact	750 kcmil	600 kcmil	600 kcmil	YELLOW	936	2-5/16"	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)
YRB44U31	1000 kcmil	1000 kcmil	350 kcmil	350 kcmil	YELLOW	936	2-5/16"	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)
YRB44U34	1000 kcmil	1000 kcmil	500 kcmil	500 kcmil	YELLOW	936	2-5/16"	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)
YRB44U36	1000 kcmil	1000 kcmil	600 kcmil	600 kcmil	YELLOW	936	2-5/16"	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)
YRB44U39	1000 kcmil	1000 kcmil	750 kcmil	750 kcmil	YELLOW	936	2-5/16"	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)	U39ART2 (4)
YRB46U39	1500 kcmil	1500 kcmil	750 kcmil	750 kcmil	BLUE	478	3-3/4"	--	--	--	--	L46ART (2)



INTERNAL CHAMFER

- NOTES:
- CONNECTOR: UNINSULATED ALUMINUM COMPRESSION SPLICE REDUCER.
 - 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 TO UL 486A-486B WIRE CONNECTORS.
 - CSA CERTIFIED TO C22.2 NO 65.
 - TEMPERATURE AND VOLTAGE RATING:
 - UL LISTED 90°C, UP TO 35kV.
 - ALUMINUM CONNECTORS ARE MARKED WITH AL9CU ACCOMMODATING ALUMINUM (AL) AND COPPER (CU) WIRE UP TO 90°C.
 - WIRE ACCOMMODATE TYPES (SEE TABLE): DUAL RATED TO ACCOMMODATE ALUMINUM AND COPPER WIRE.
 - ALUMINUM WIRE (AL): CLASS B (CONCENTRIC, COMPRESSED, COMPACT).
 - COPPER WIRE (CU): CLASS B (CONCENTRIC, COMPRESSED, COMPACT) OR CLASS C
 - CONNECTOR FINISHES AND SUFFIX: SEE SECTION C OF THE BURNDY MASTER CATALOG FOR PLATING SERVICE TEMPERATURE RATINGS.
 - ELECTRO-TIN PLATED: CONNECTORS HAVING NO SUFFIX ARE TIN PLATED UNLESS OTHERWISE SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28.
 - NICKEL PLATED: APPLY SUFFIX "NK" TO A CATALOG NUMBER IN THE TABLE, IF NOT SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28NK.
 - SILVER PLATED: APPLY SUFFIX "SV" TO A CATALOG NUMBER IN THE TABLE, IF NOT SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28SV.
 - TIN ZINC PLATED: APPLY SUFFIX "TZ" TO A CATALOG NUMBER IN THE TABLE, IF NOT SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28TZ.

- FEATURES:
 - BARREL TYPICAL ROLL MARKINGS (AS SPACE PERMITS): CRIMP ZONE IS INDICATED BY KNURL BANDS, BURNDY CORPORATE NAME OR LOGO, UL LOG (IF APPLICABLE), CSA LOGO (IF APPLICABLE), WIRE SIZE, DIE COLOR CODE, INDEX NUMBER.
 - BARREL DESIGN: BARREL END AT THE WIRE HAS AN INTERNAL CHAMFER, ALLOWING FOR SMOOTH WIRE INSERTION.
 - CONNECTORS ARE PRE-FILLED WITH PENETROX™A13, WHICH IS AN OXIDE INHIBITOR.
 - EACH CONNECTOR HAS COLOR-CODED END CAPS TO MATCH THE DIE COLOR CODE. THIS ALSO PREVENTS PARTICLES FROM ENTERING THE BARREL.
- INSTALLATION TOOLING AND DIES ARE CONSTANTLY BEING UPDATED. FOR THE LATEST INSTALLATION TOOLING INFORMATION, REFER TO THE MASTER CATALOG ON THE BURNDY WEBSITE.
 - YRB39- ACCOMMODATING 900 COMPACT AL HAS ONLY BEEN TESTED WITH 644 SERIES DIE-LESS INSTALLATION TOOL AND NOT UL LISTED WITH ANY TOOL.
- DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE SPECIFIED AND ARE FOR REFERENCE ONLY.
- FOR PROPER INSTALLATION INSTRUCTIONS, SEE PRODUCT INSTALLATION GUIDE ON SHEET 4.

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UNITED STATES 1-800-346-4175 (LONDONDERRY, NH)		ITEM NO: -----													
CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)		CAT. NO: YRB-U- (TABLE)													
FOR PRODUCT INFO: http://www.burndy.com		<table border="1"> <tr> <td>DRAWN BY: V.S.KANNAN</td> <td>29-01-2014</td> </tr> <tr> <td>CHECKER: R.ROMAN</td> <td>15-04-2014</td> </tr> <tr> <td>DSN APRVL: R.ROMAN</td> <td>15-04-2014</td> </tr> <tr> <td>MFG APRVL: --</td> <td>15-04-2014</td> </tr> <tr> <td>QA APRVL: T.WATTS</td> <td>15-04-2014</td> </tr> <tr> <td>MKT APRVL: J.SYLVA</td> <td>15-04-2014</td> </tr> </table>		DRAWN BY: V.S.KANNAN	29-01-2014	CHECKER: R.ROMAN	15-04-2014	DSN APRVL: R.ROMAN	15-04-2014	MFG APRVL: --	15-04-2014	QA APRVL: T.WATTS	15-04-2014	MKT APRVL: J.SYLVA	15-04-2014
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SHEET 9 OF 10															

REV	DATE	DESCRIPTION	ECO	BY	C'H'K.
A	04/08/2021	MU UPDATION	210330006569	SS	YR

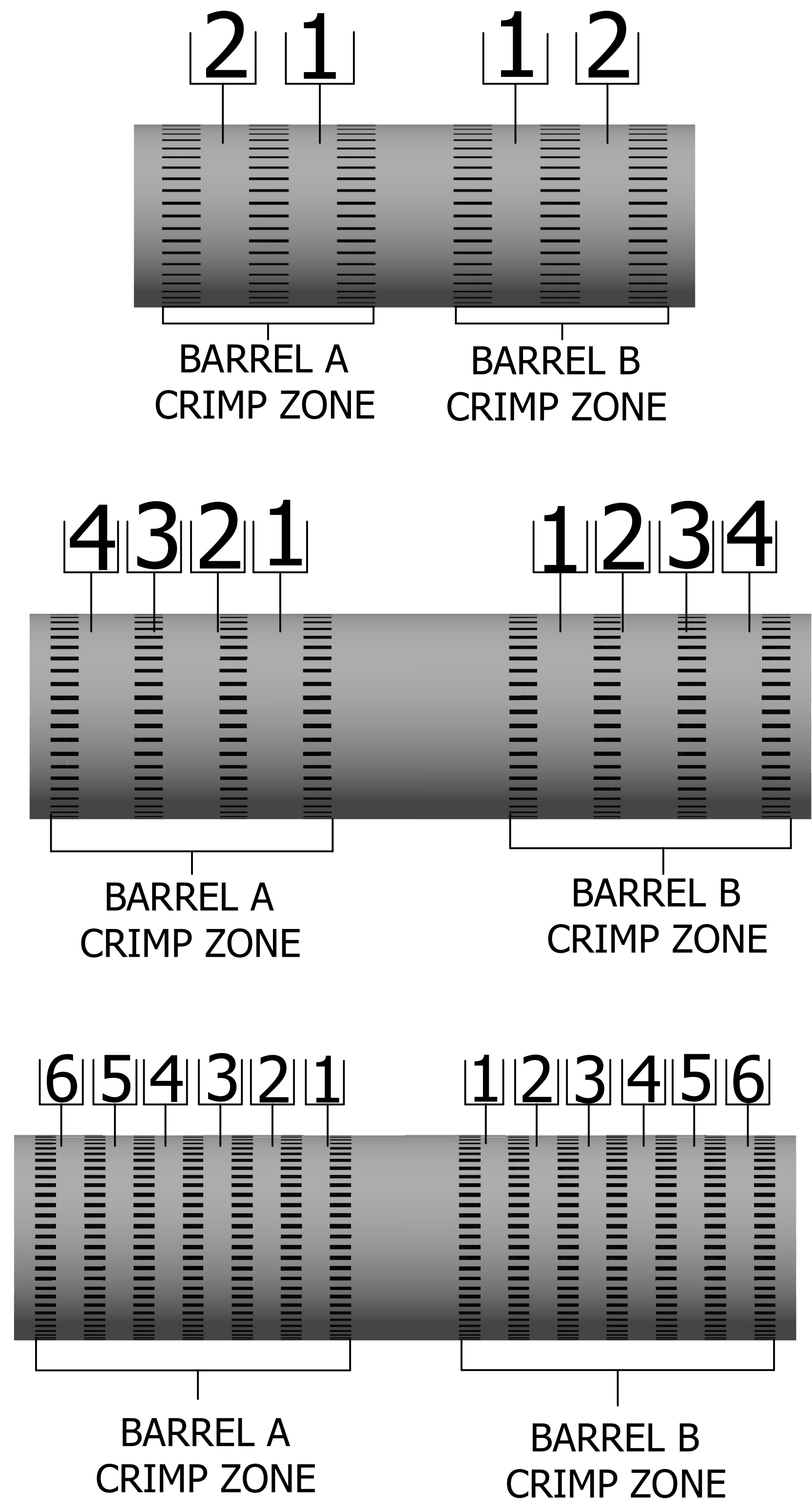
Installation Instructions:

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. In order to obtain a UL Listing BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more UL categories.

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. Wire brush the bare conductor to remove any oxides. DO NOT wire brush plated connectors.
4. Apply PENETROX™ A13 oxide inhibitor to the bare conductor.
5. Insert the conductor into the barrel for the full length. The connector barrel is filled with PENETROX™ A13, so be aware of the following:
 - Oxide inhibitor may discharge from the barrel when wire is fully inserted.
 - Oxide inhibitor may cause resistance that could feel like the wire is fully inserted. Ensure you insert the wire with enough force to penetrate the oxide inhibitor barrier until you reach the full wire insertion distance.
6. Apply the proper number of crimps based on the installation tooling requirements. Use the illustrations as a guide on crimp placement and direction for the proper number of crimps.
7. Remove excess PENETROX™ A13 that may discharge during installation.

CATALOG NUMBER DESIGNATION			
YRB36U-	YRB44U-	YRB46U-	YRB46U39



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