

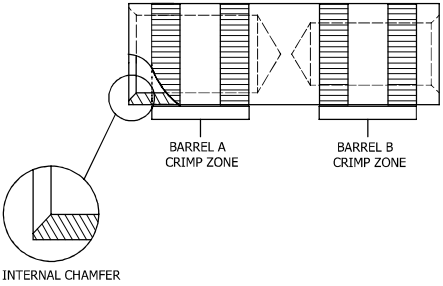
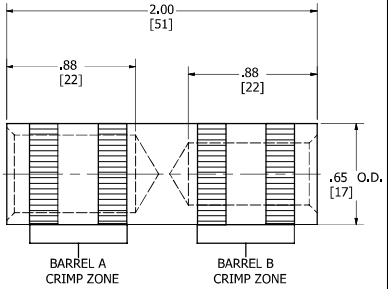
| CATALOG NUMBER | WIRE ACCOMMODATES | | | | COLOR CODE | DIE INDEX # | WIRE STRIP LENGTH | Mechanical Dedicated Die Tools # Crimps per Barrel | Mechanical & Ratchet Dies Required (# Crimps per Barrel) | | Hydraulic Tools - Dies Required (# Crimps per Barrel) | | | |
|-------------------|-------------------|---------|----------|---------------|---------------|----------------|-------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------|---------------|----------------------------------------------------------|----------------------|--------------------------------------------------------|--------------------------------------------------------|
| | BARREL A | | BARREL B | | | | | | | | | | | |
| | ALUMINUM | COPPER | ALUMINUM | COPPER | | | | MY293 | MD6 and MD7 Series | OUR840 | 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> |
| 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) |

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.
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.

| REV | DATE | DESCRIPTION | ECO | BY | CH |
|-----|------------|-------------|--------------|----|----|
| A | 04/08/2021 | MU UPDATION | 210330006569 | SS | YR |



| TO ORDER BURNDY® PRODUCTS CALL | | | | HYREDUCER™ | | | |
|-----------------------------------------------------------------------------|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| UNITED STATES 1-800-346-1175 (LONDONDERRY, NH) | | | | ITEM NO: ----- CAT. NO. YRB-U* (TABLE) | | | |
| CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES) | | | | DESIGNED BY: JACKSON 15/01/2014 CHECKED: SODIMAN 15/01/2014 DRA. APPROV.: SODIMAN 15/01/2014 ENG. APPROV.: TAVATTS 15/01/2014 MKT. APPROV.: ASSOLIVA 15/01/2014 | | | |
| FOR PRODUCT INFO: http://www.burndy.com | | | | PROJ. NAME: ----- SIZE: D DRAWING NO: 50123311 SHEET 1 OF 10 | | | |
| | | | | REVISIONS: ----- BY: ----- DATE: ----- | | | |

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.

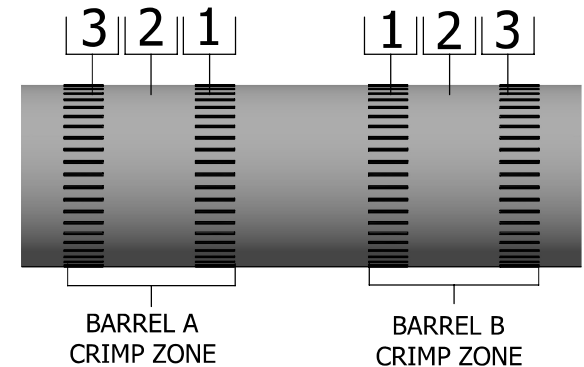
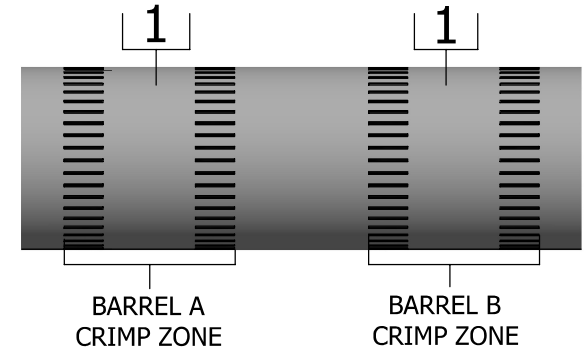
1. Select the appropriate connector based on:

- 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'H'K. |
| A | 04/08/2021 | MU UPDATION | 210330006569 | SS | YR |

| CATALOG NUMBER DESIGNATION | | |
|----------------------------|--------|---------|
| YRB2U- | YRB8U- | YRB25U- |



| | | | |
|--------------------------------------|-------------------------|-------------|------------|
| TO ORDER BURNDY® PRODUCTS CALL | HYREDUCER™ | | |
| UNITED STATES | ITEM NO: ----- | | |
| 1-800-346-4115 (LONGDONDERRY, NH) | CAT. NO. YRB-XX (TABLE) | | |
| | DRAWING REF: | Y-XX-CANMAN | 25-01-2014 |
| | CHECKED BY: | J-XX-PM | 25-01-2014 |
| | DESIGN APPROV: | J-XX-PM | 25-01-2014 |
| | DESIGN APPROV: | J-XX-PM | 25-01-2014 |
| 1-800-366-6975 (QUEBEC) | NO. OF COPIES: | 1-XX-2014 | 25-01-2014 |
| 1-800-387-6487 (ALL OTHER PROVINCES) | PROG. NAME: | Y-XX-PM | 25-01-2014 |
| | PROG. NAME: | Y-XX-PM | 25-01-2014 |
| | PROG. NAME: | Y-XX-PM | 25-01-2014 |
| | PROG. NAME: | Y-XX-PM | 25-01-2014 |
| | PROG. NAME: | Y-XX-PM | 25-01-2014 |
| | PROG. NAME: | Y-XX-PM | 25-01-2014 |
| | PROG. NAME: | Y-XX-PM | 25-01-2014 |
| | PROG. NAME: | Y-XX-PM | 25-01-2014 |
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| | PROG. NAME: | Y-XX-PM | 25-01-2014 |
| | PROG. NAME: | Y-XX-PM | 25-01-2014 |

| CATALOG NUMBER | WIRE ACCOMMODATES | | | | | COLOR CODE | DIE INDEX # | WIRE STRIP LENGT H | 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 | | | | | | | | | | |
| | ALUMINUM | COPPER | ALUMINUM | COPPER | | | | | | MY293 | MD6 and MD7 Series | OUR840 | MD6, 600, 500 Series | 750, 35 Series | 45 Series Use PT6515 with U Dies |
| 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) |

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.
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 - 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 INDICATD 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.
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- 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.
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| REV | DATE | DESCRIPTION | ECO | BY/CHK |
|-----|------------|-------------|--------------|--------|
| A | 04/08/2021 | MU UPDATION | 210330006569 | SS YR |

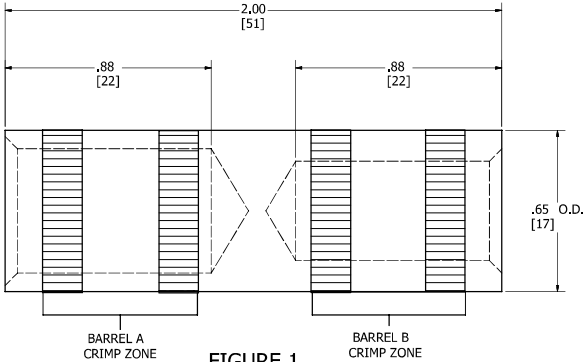
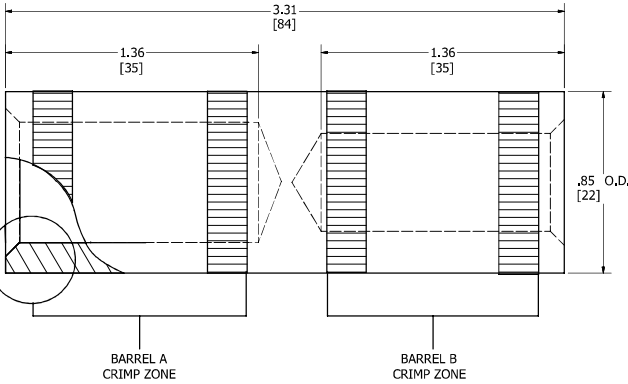


FIGURE 1



INTERNAL CHAMFER

FIGURE 2

| TO ORDER BURNDY® PRODUCTS CALL | | HYREDUCER™ | |
|-----------------------------------------------------------------------------|--|------------------------------------|--|
| UNITED STATES 1-800-346-1175 (LONDONDERRY, NH) | | ITEM NO: ----- | |
| CANADA: 1-800-961-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES) | | CAT. NO: YRB-U* (TABLE) | |
| FOR PRODUCT INFO: http://www.burndy.com | | DESIGNED BY: JACKSON 15-01-2014 | |
| | | CHECKED BY: SADDAMAN 15-01-2014 | |
| | | DESIGN APPROV: SADDAMAN 15-01-2014 | |
| | | FOR APPROV: TAWATTS 15-01-2014 | |
| | | ONLY APPROV: ASSUVA 15-01-2014 | |
| | | PROD. PART: ----- | |
| | | SIZE: D | |
| | | DRAWING NO: 50123311 | |
| | | SHEET 3 OF 10 | |
| | | A | |

Installation Instructions:

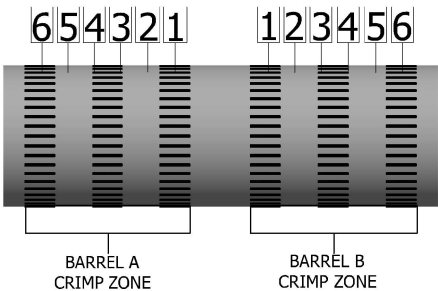
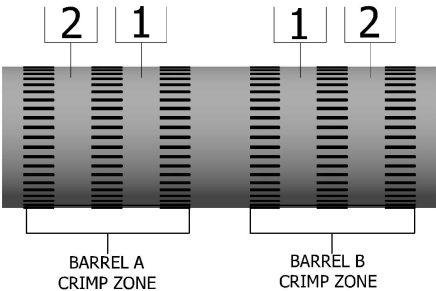
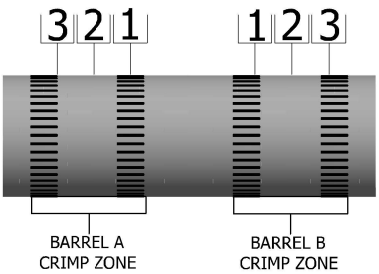
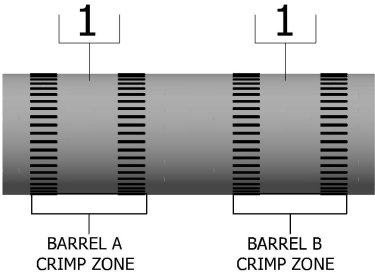
| REV | DATE | DESCRIPTION | ECO | BY | CHK. |
|-----|------------|-------------|--------------|----|------|
| A | 04/08/2021 | MU UPDATION | 210330006569 | SS | YR |

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 | | |
|----------------------------|---------|---------|
| YRB26U- | YRB27U- | YRB28U- |



| TO ORDER BURNDY® PRODUCTS CALL | | HYREDUCER™ | |
|-----------------------------------------------------------------------------|--|-------------------------------------|----------------------|
| UNITED STATES 1-800-346-4175 (LONGDORRY, NH) | | ITEM NO: ----- | |
| CANADA: 1-800-361-4975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES) | | CAT. NO: YRB-U- (TABLE) | |
| FOR PRODUCT INFO: http://www.burndy.com | | DESIGN BY: V. KOSMAN 15-04-2014 | |
| | | CHECKED: B. BOYMAN 15-04-2014 | |
| | | DESIGN APPROV: B. BOYMAN 15-04-2014 | |
| | | ENG. APPROV: — 15-04-2014 | |
| | | FOR APPROV: T. WATTS 15-04-2014 | |
| | | POST APPROV: J. DILLIA 15-04-2014 | |
| | | PROD. FIRM: — | |
| | | SIZE: D | DRAWING NO: 50123311 |
| | | FOR THE SALE: — | REV: A |
| | | REL. LEVEL: — | 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 <i>Use PT6515 with U Dies</i> | 46 Series <i>Use PUADP1 with U Dies</i> |
| | 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) |

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: YRB34U28SV.
 - 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 OTHERWISE SPECIFIED AND ARE FOR REFERENCE ONLY.
 - FOR PROPER INSTALLATION INSTRUCTIONS, SEE PRODUCT INSTALLATION GUIDE ON SHEET 4.

| REV | DATE | DESCRIPTION | ECO | BY | CHK. |
|-----|------------|-------------|--------------|----|------|
| A | 04/08/2021 | MU UPDATION | 210330006569 | SS | YR |

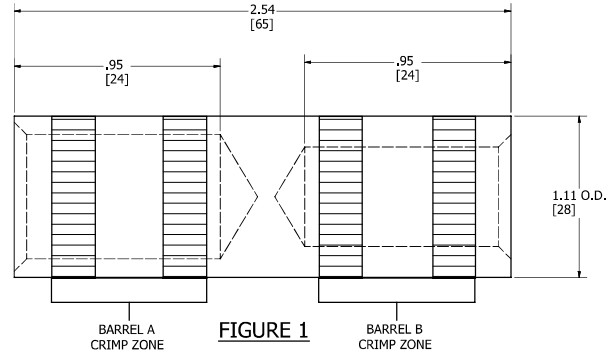


FIGURE 1

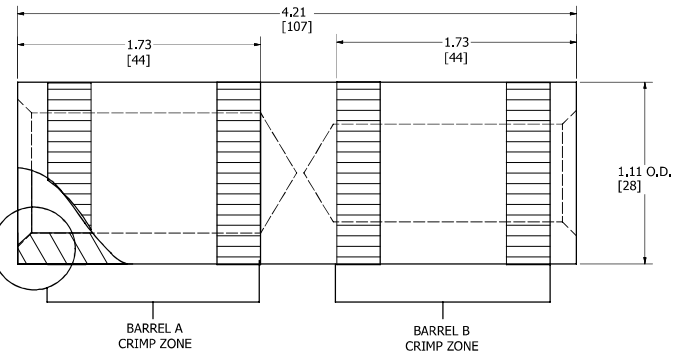


FIGURE 2

INTERNAL CHAMFER

| | | | | | |
|-----------------------------------------------------------------------------|--|--|---------------------------------|--|--|
| TO ORDER BURNDY® PRODUCTS CALL | | | HYREDUCER™ | | |
| UNITED STATES 1-800-346-1175 (LONGDERRY, NH) | | | ITEM NO: ----- | | |
| CANADA: 1-800-361-4975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES) | | | CAT. NO: YRB-U* (TABLE) | | |
| FOR PRODUCT INFO: http://www.burndy.com | | | DESIGNED BY: JACKSON 05-01-2014 | | |
| | | | CHECKED BY: GARDMAN 15-04-2014 | | |
| | | | DESIGNED BY: GARDMAN 05-04-2014 | | |
| | | | CHECKED BY: GARDMAN 15-04-2014 | | |
| | | | DESIGNED BY: GARDMAN 05-04-2014 | | |
| PROJ. NAME: _____ | | | SIZE _____ | | |
| DRAWN BY: _____ | | | DATE _____ | | |
| CHECKED BY: _____ | | | REV _____ | | |
| DESIGNED BY: _____ | | | 5012331 | | |
| PROJ. NO.: _____ | | | SHEET _____ | | |

Installation Instructions:

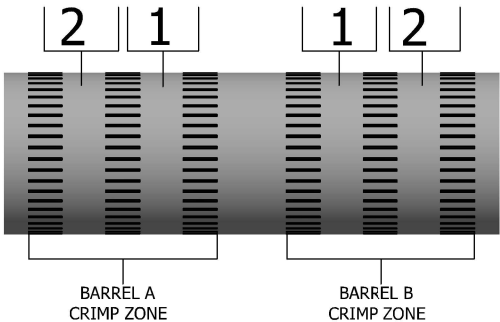
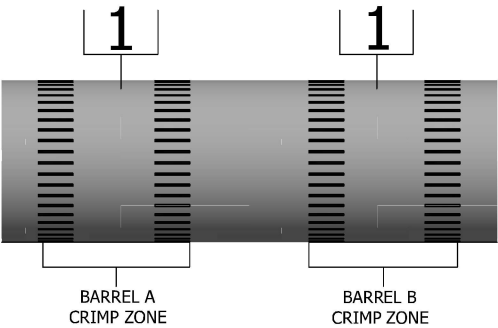
Installation instructions help the installer understand proper wire preparation, proper insertion requirements, crimp zone location, individual crimp location, crimp order and crimp direction, to ensure safe and reliable wire connections. In order to obtain a UL Listing BURNDY certifies its products 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 | CHK. |
|-----|------------|-------------|--------------|----|------|
| A | 04/08/2021 | MU UPDATION | 210330006569 | SS | YR |

| CATALOG NUMBER DESIGNATION | | |
|----------------------------|---------|---------|
| YRB29U- | YRB30U- | YRB31U- |



| | | | |
|-----------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| TO ORDER BURNDY® PRODUCTS CALL | | HYREDUCER™ | |
| UNITED STATES 1-800-346-4175 (LONGDONDERRY, NH) | | ITEM NO: ----- CAT. NO: YRB-U- (TABLE) | |
| CANADA: 1-800-361-4975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES) | | DRAWN BY: V.A. KOSMAN 25-01-2014 CHECKED: B. BOYMAN 15-04-2014 DESIGN APPROV.: B. BOYMAN 15-04-2014 ENG. APPROV.: ——— FOR APPROV.: T. WATTS 15-04-2014 POST APPROV.: J. SULLIVA 15-04-2014 | |
| FOR PRODUCT INFO: http://www.burndy.com | | PROD. FIRM: ——— PROJECT NO.: ——— COUNTRY/TYPE SALES: ——— REL. LEVEL: ——— | SIZE: D DRAWING NO: 50123311 REV: A SHEET 6 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:

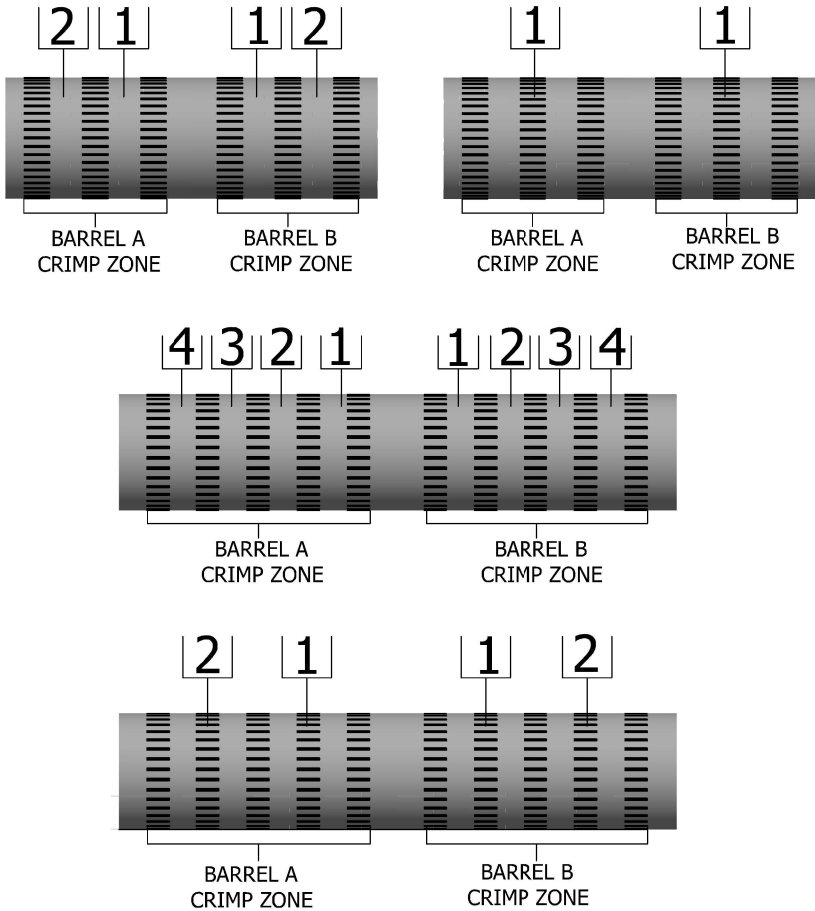
1. Select the appropriate connector based on:
Wire Material
Wire Construction
Wire Size
2. Strip the insulation to the appropriate wire strip length, based on the table's Wire Strip Length recommendation for the selected connector. Due to tolerances in the connector, wire strip length, and insulation 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 | CHK |
|-----|------------|-------------|--------------|----|-----|
| A | 04/08/2021 | MU UPDATE | 210330006569 | SS | YR |

CATALOG NUMBER DESIGNATION

YRB32U-

YRB34U-



| | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------|--|
| TO ORDER BURNDY® PRODUCTS CALL | | HYREDUCER™ | |
| UNITED STATES 1-800-346-4175 (LONGDORRY, NH) | | ITEM NO: ----- CAT. NO: YRB-U- (TABLE) | |
| CANADA: 1-800-361-4975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES) | | FOR PRODUCT INFO: http://www.burndy.com | |
| DRAWN BY: J. KOSMAN CHECKED: B. BOYMAN DESIGN APPROV.: B. BOYMAN ENG. APPROV.: FOR APPROV.: T. WATTS POST APPROV.: J. SULLIVAN | | DATE: 09-01-2014 DATE: 10-04-2014 DATE: 10-04-2014 DATE: 10-04-2014 DATE: 10-04-2014 | |
| PROD. PART: ----- | | DRAWING NO: 50123311 | |
| FOR THE SALE: ----- | | REV: A | |
| REL. LEVEL: 00000000 | | SHEET 8 OF 10 | |

| 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 Use PT6515 with U Dies | 46 Series Use PUADP1 with U Dies | 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) |

NOTES:

1. CONNECTOR: UNINSULATED ALUMINUM COMPRESSION SPLICE REDUCER.

2. CONNECTION: COMPRESSION CONNECTIONS ARE MADE IRREVERSIBLE AND MAINTENANCE FREE.

3. 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.

A. UL LISTED TO UL 486A-486B WIRE CONNECTORS.

B. CSA CERTIFIED TO C22.2 NO 65.

4. TEMPERATURE AND VOLTAGE RATING:

A. UL LISTED 90°C, UP TO 35kV.

B. ALUMINUM CONNECTORS ARE MARKED WITH AL9CU ACCOMMODATING ALUMINUM (AL) AND COPPER (CU) WIRE UP TO 90°C.

5. WIRE ACCOMMODATE TYPES (SEE TABLE): DUAL RATED TO ACCOMMODATE ALUMINUM AND COPPER WIRE.

A. ALUMINUM WIRE (AL): CLASS B (CONCENTRIC, COMPRESSED, COMPACT).

B. COPPER WIRE (CU): CLASS B (CONCENTRIC, COMPRESSED, COMPACT) OR CLASS C.

6. CONNECTOR FINISHES AND SUFFIX: SEE SECTION C OF THE BURNDY MASTER CATALOG FOR PLATING SERVICE TEMPERATURE RATINGS.

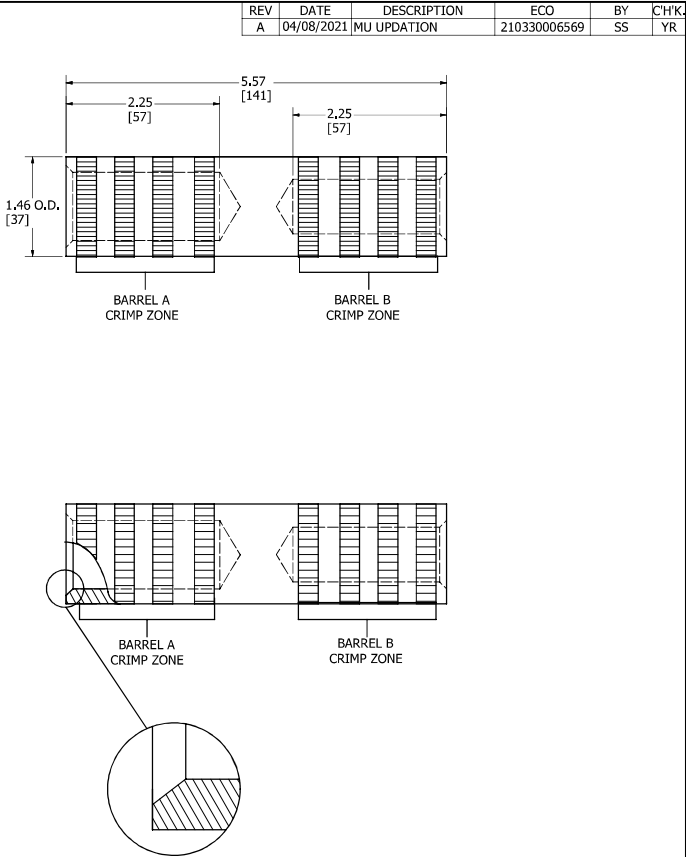
A. ELECTRO-TIN PLATED: CONNECTORS HAVING NO SUFFIX ARE TIN PLATED UNLESS OTHERWISE SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28.

B. NICKEL PLATED: APPLY SUFFIX "NK" TO A CATALOG NUMBER IN THE TABLE, IF NOT SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28NK.

C. SILVER PLATED: APPLY SUFFIX "SV" TO A CATALOG NUMBER IN THE TABLE, IF NOT SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28SV.

D. TIN ZINC PLATED: APPLY SUFFIX "TZ" TO A CATALOG NUMBER IN THE TABLE, IF NOT SPECIFIED. CATALOG NUMBER EXAMPLE: YRB34U28TZ.

7. FEATURES:
- A. 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.
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| | | | |
|----------------------------------------------------------------------------|--|-----------------------------------------------------------------------------|--|
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| CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES) | | FOR PRODUCT INFO: http://www.burndy.com | |
| PROJECT NO. _____ | | DRAWING NO. 50123311 | |
| SHEET 9 OF 10 | | REV A | |

Installation Instructions:

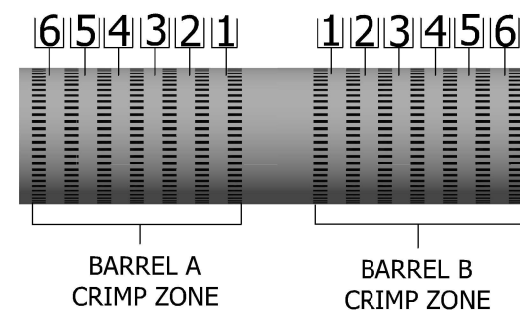
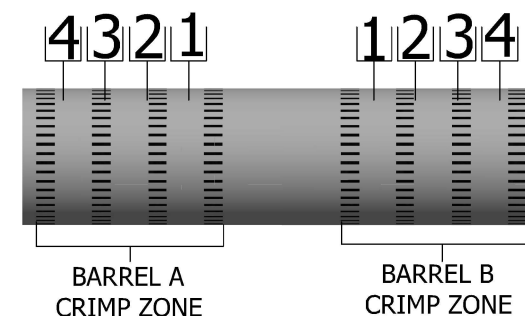
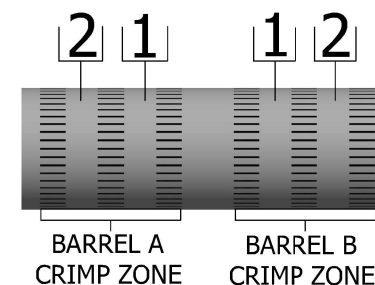
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Wire Construction
Wire Size
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7. Remove excess PENETROX™ A13 that may discharge during installation.

| REV | DATE | DESCRIPTION | ECO | BY | CHK. |
|-----|------------|-------------|--------------|----|------|
| A | 04/08/2021 | MU UPDATION | 210330006569 | SS | YR |

| CATALOG NUMBER DESIGNATION | | | |
|----------------------------|---------|---------|----------|
| YRB36U- | YRB44U- | YRB46U- | YRB46U39 |



| TO ORDER BURNDY® PRODUCTS CALL | | HYREDUCER™ | |
|-----------------------------------------------------------------------------|--|-------------------------|--|
| UNITED STATES 1-800-346-4175 (LONGDONDERRY, NH) | | ITEM NO: ----- | |
| CANADA: 1-800-361-4975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES) | | CAT. NO: YRB-U- (TABLE) | |
| FOR PRODUCT INFO: http://www.burndy.com | | DRAWING NO. 50123311 | |
| | | REV. A | |