A D D

REV: PE0200
YCA26-2NG 2/0 STR. (.420) 7, 19
YCA28-4N 4/0 STR. (.552) 7, 12
YCA26-2N 2/0 STR. (.419) 7, 19
YCA78-2N 4/0 SOL. (.460) 1 1 1.50
YCA27-2N 3/0 STR. (.470) 7, 19 1 1.69
CATALOG
YCA29-2N 250 kcmil (.575) 7, 19
YCA30-2N 300 kcmil (.630) 19, 37 1 1.71

DIPPED. WHEN INSTALLING CONNECTOR, SCRATCH BRUSH THE ALUMINIUM SURFACE, BUT NOT TO THE END OF THE CATALOG NUMBER. THE CONNECTOR WILL THEN BE SUPPLIED HOT TIN.

TONGUE WITH COPPER SLEEVE.

MATERIAL: COPPER TUBING.

NOTES:

1. FOR FASTER INSTALLATIONS USE BURNDY PATRIOT FAMILY OF BATTERY TOOLS.

2. HOLES NEMA TONGUE.

3. CATALOG #PUADP-1 ADAPTOR IS REQUIRED TO USE "U" DIES IN Y46 SERIES TOOLS.

4. CATALOG #PT6515 ADAPTOR IS REQUIRED TO USE "U" DIES IN Y45 SERIES TOOLS.

5. 2 CRIMPS MADE SIMULTANEOUSLY.

6. 3 CRIMPS MADE SIMULTANEOUSLY.

7. 4 CRIMPS MADE SIMULTANEOUSLY.

IN FAILURE OF ELECTRICAL JOINT.

CONNECTORS ARE NOT TO BE USED ON ALUMINIUM CABLE. SUCH AN APPLICATION WILL RESULT IN FAILURE OF ELECTRICAL JOINT.

THE PLATED CONNECTOR, AND APPLY PENETROX TM "A" TO BOTH SURFACES. THESE COPPER

10. OIL TIGHT CONNECTOR: WHEN OIL TIGHT CONNECTOR IS REQUIRED, ADD 'DT'

11. ADD WHEN TONGUE OF CONNECTOR IS TO BE BOLTED TO A FLAT ALUMINIUM SURFACE ADD -W

12. MATERIAL: COPPER TUBING.

13. FOR ADDITIONAL TO CAT. NO. EXAMPLE: YCAB1C-2N DT CONNECTOR IS TIN PLATED.

14. USE DIE INDEX 169

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

1-800-387-6487 (ALL OTHER PROVINCES)
1-800-346-4175 (LONDONDERRY, NH)
THE PLATED CONNECTOR, AND APPLY PENETROX® 'A' TO BOTH SURFACES. THESE COPPER DIPPED.

THE SUFFIX "Q" TO THE CAT. NO. ALL CAT. NO. CAN BE ORDERED WITH ADDITIONAL PLATING BY ADDING THE SUFFIX, ie. TN = TIN-PLATED, SV=SILVER PLATED, AND NK=NICKEL PLATED.

CONNECTORS ARE NOT TO BE USED ON ALUMINIUM CABLE. SUCH AN APPLICATION WILL RESULT IN FAILURE OF ELECTRICAL JOINT.

FOR FASTER INSTALLATIONS USE BURNDY PATRIOT FAMILY OF BATTERY TOOLS.

IN FAILURE OF ELECTRICAL JOINT.

FOR CONNECTOR WITH BOTH THE TOP AND BOTTOM OF THE TONGUE FINISHED ADD

4 CRIMPS MADE SIMULTANEOUSLY.

3 CRIMPS MADE SIMULTANEOUSLY.

2 CRIMPS MADE SIMULTANEOUSLY.

CATALOG #PUADP-1 ADAPTOR IS REQUIRED TO USE "U" DIES IN Y46 SERIES TOOLS.

CATALOG #PT6515 ADAPTOR IS REQUIRED TO USE "U" DIES IN Y45 SERIES TOOLS.

WHEN INSTALLING CONNECTOR, SCRATCH BRUSH THE ALUMINIUM SURFACE, BUT NOT WHEN TONGUE OF CONNECTOR IS TO BE BOLTED TO A FLAT ALUMINIUM SURFACE ADD -W MATERIAL: [FIG.1] COPPER TUBING.

TO ORDER BURNDY PRODUCT CALL

1-800-361-6975 (QUEBEC)

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

1-800-387-6487 (ALL OTHER PROVINCES)

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

1-800-444-7277

FOR FASTER INSTALLATIONS USE BURNDY PATRIOT FAMILY OF BATTERY TOOLS.

NOTES:

1. MATERIAL: JUE 1 COPPER TUBING

2. Use EU1/EUC COPPER ALLOY TONGUE WITH COPPER SLIDE.

3. THE TONGUE OF CONNECTOR IS TO BE SOLDERED TO A FLAT ALUMINIUM SURFACE AND THE SUFFIX "Q" TO THE CAT. NO. ALL CAT. NO. CAN BE ORDERED WITH ADDITIONAL PLATING BY ADDING THE SUFFIX, ie. TN = TIN-PLATED, SV=SILVER PLATED, AND NK=NICKEL PLATED.

4. USE DIE INDEX 267

5. USE DIE INDEX 209

6. USE DIE INDEX 210

7. 4 CRIMPS MADE SIMULTANEOUSLY.

8. CRIMPS OVERLAP.

9. 2 HOLES NEMA TONGUE.

10. OIL TIGHT CONNECTOR: WHEN OIL TIGHT CONNECTOR IS REQUIRED, ADD 'DT'

11. FOR CONNECTOR WITH BOTH THE TOP AND BOTTOM OF THE TONGUE FINISHED ADD

12. 3 CRIMPS MADE SIMULTANEOUSLY.

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10. OIL TIGHT CONNECTOR: WHEN OIL TIGHT CONNECTOR IS REQUIRED, ADD 'DT'

11. FOR CONNECTOR WITH BOTH THE TOP AND BOTTOM OF THE TONGUE FINISHED ADD
### Table: Dimensions

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Copper Conductor</th>
<th>Size</th>
<th>Str.</th>
<th>STR. NO.</th>
<th>Fin. No.</th>
<th>Min C</th>
<th>L</th>
<th>O.D.</th>
<th>B Min.</th>
<th>T</th>
<th>DIA.</th>
<th>Ref. O.D.</th>
<th>TYPICAL STAMPING</th>
</tr>
</thead>
<tbody>
<tr>
<td>YCA36-2N</td>
<td>600 kcmil</td>
<td>37</td>
<td>61</td>
<td>2</td>
<td>2.19</td>
<td>3.00</td>
<td></td>
<td>6.30</td>
<td>1.55</td>
<td></td>
<td>.58</td>
<td>1.56</td>
<td></td>
</tr>
<tr>
<td>YCA39-2N</td>
<td>750 kcmil</td>
<td>37</td>
<td>61</td>
<td>2</td>
<td>2.19</td>
<td>3.00</td>
<td></td>
<td>6.59</td>
<td>1.70</td>
<td></td>
<td>.62</td>
<td>1.70</td>
<td></td>
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<tr>
<td>YCA40-2N</td>
<td>800 kcmil</td>
<td>37</td>
<td>61</td>
<td>2</td>
<td>2.19</td>
<td>3.00</td>
<td></td>
<td>7.22</td>
<td>1.75</td>
<td></td>
<td>.67</td>
<td>1.75</td>
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<tr>
<td>YCA44-2N</td>
<td>1000 kcmil</td>
<td>61</td>
<td>2</td>
<td>3.29</td>
<td></td>
<td></td>
<td></td>
<td>8.53</td>
<td>1.75</td>
<td></td>
<td>.71</td>
<td>1.75</td>
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</tr>
<tr>
<td>YCA47-2N</td>
<td>1250 kcmil</td>
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<td>1.75</td>
<td></td>
<td>.71</td>
<td>1.75</td>
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</tr>
<tr>
<td>YCA44-4N</td>
<td>1000 kcmil</td>
<td>1 &amp; 2</td>
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<td></td>
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<td></td>
<td>8.53</td>
<td>1.75</td>
<td></td>
<td>.71</td>
<td>1.75</td>
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<tr>
<td>YCA44-10N</td>
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<td>8.53</td>
<td>1.75</td>
<td></td>
<td>.71</td>
<td>1.75</td>
<td></td>
</tr>
</tbody>
</table>

### Notes:
1. **Material:** [FIG. 1] Copper Tubing. [FIG. 2] Tin Plated Cast Copper Alloy Tongue with Copper Sleeve.
2. When Tongue is connected, it is to be secured to a flat aluminum surface 400 kcmil. When bend is the NEMA Tongue, the connector will then be supplied with an O.D. plated, and filled with the aluminum surface. Do not attempt to remove the plated connector and apply the NEMA O.D. to both surfaces. These copper connectors are not to be used on aluminum cable. Such an application will result in failure of electrical joint.
3. **Catalog No.** Designator is required to use the "U" dies in YAS series tools.
4. **Catalog No.** Designator is required to use the "U" dies in YAS series tools.
5. **Designator** is required to use the "U" dies in YAS series tools.
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### Diagram:
- **Diagram A:** Typical Crimping between guide lines.
- **Diagram B:** Typical Stamping.
- **Diagram C:** Typical Stamping.
- **Diagram D:** Typical Stamping.

### Other Information:
- **Mechanical Data:**
  - Ø840: 1.25
  - Ø750: 1.25
  - Ø600: 1.25
  - Ø500: 1.25

- **Installation Tools (in Centimeters):**
  - Ø840: C916 (12)
  - Ø750: C916 (12)
  - Ø600: C916 (12)
  - Ø500: C916 (12)

### Additional Information:
- **For Product Info:** http://www.burndy.com
- **Contact Numbers:**
  - 1-800-387-6487 (ALL OTHER PROVINCES)
  - 1-800-346-4175 (LONDONDERRY, NH)
  - 1-800-361-6975 (QUEBEC)

### Diagram References:
- [FIG. 1]
- [FIG. 2]
- [FIG. 3]
- [FIG. 4]