

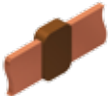
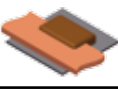
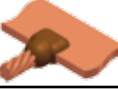
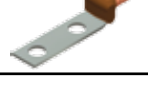
# Section 2

## Molds

### for use with

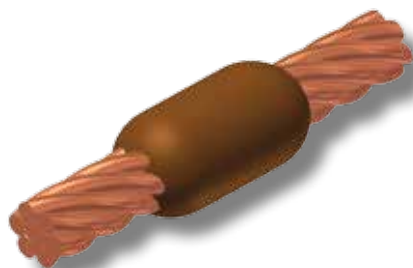
## AWG Conductors & Bus Bar

| Description .....                                       | Page # |
|---------------------------------------------------------|--------|
| 2.1 Cable to Cable Connections .....                    | 33-41  |
| 2.2 Cable to Ground Rod Connections.....                | 42-48  |
| 2.3 CR-18 Wire-to-Ground Kits .....                     | 49     |
| 2.4 Single Shot Connections (Cable to Ground Rod) ..... | 50-51  |
| 2.5 Ground Rod to Ground Rod Connections.....           | 52     |
| 2.6 Steel Stud to Steel Connections .....               | 52     |
| 2.7 Cable to Steel or Cast Iron Connections .....       | 53-61  |
| 2.8 Cable to Lug Connections.....                       | 62-63  |
| 2.9 Cable to Copper Bus Bar Connections .....           | 64-70  |
| 2.10 Copper Bus Bar to Copper Bus Bar Connections.....  | 71-72  |
| 2.11 Copper Bus Bar to Steel Connections .....          | 73-74  |
| 2.12 Cable to Reinforcing Bar (Rebar) Connections ..... | 75-79  |
| 2.13 Single Shot Connections (Cable to Rebar) .....     | 80-81  |

| Weld Type                                                                           |       | Page # |
|-------------------------------------------------------------------------------------|-------|--------|
|    | BB-1  | 71     |
|    | BB-2  | 72     |
|    | BB-3  | 72     |
|    | BS-1  | 73     |
|    | BS-2  | 73     |
|    | BS-3  | 74     |
|    | BS-4  | 74     |
|   | BS-5  | 74     |
|  | CB-1  | 62     |
|  | CB-2  | 65     |
|  | CB-3  | 67     |
|  | CB-4  | 64     |
|  | CB-5  | 70     |
|  | CB-6  | 66     |
|  | CB-7  | 68     |
|  | CB-29 | 69     |
|  | CB-33 | 63     |

| Weld Type                                                                           |       | Page # |
|-------------------------------------------------------------------------------------|-------|--------|
|    | CC-1  | 33     |
|    | CC-2  | 34-35  |
|    | CC-4  | 36-37  |
|    | CC-6  | 38     |
|    | CC-7  | 39     |
|    | CC-11 | 41     |
|    | CC-14 | 33     |
|    | CC-34 | 40     |
|    | CR-1  | 42-43  |
|   | CR-2  | 44-45  |
|  | CR-3  | 46     |
|  | CR-17 | 47     |
|  | CR-18 | 49     |
|  | CR-24 | 48     |
|  | CRE-1 | 75     |
|  | CRE-2 | 76     |
|  | CRE-3 | 77     |
|  | CRE-4 | 78     |

| Weld Type                                                                             |                    | Page # |
|---------------------------------------------------------------------------------------|--------------------|--------|
|    | CRE-6              | 79     |
|    | CS-1               | 53     |
|    | CS-2               | 54     |
|    | CS-3               | 55-56  |
|    | CS-4               | 59     |
|    | CS-5               | 59     |
|    | CS-6               | 60     |
|   | CS-7               | 61     |
|  | CS-8               | 53     |
|  | CS-9               | 54     |
|  | CS-18              | 60     |
|  | CS-23              | 57-58  |
|  | RR-1               | 52     |
|  | RS-1               | 52     |
|  | RS-2               | 52     |
|  | Rebar Single Shots | 80     |
|  | Single Shots       | 50     |

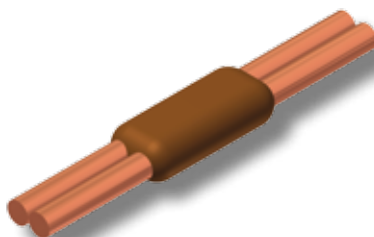


CC-1

TYPE MOLDS

Horizontal End to End  
For AWG Conductors

| MOLDS FOR AWG CONDUCTORS |                     |           |             |               |           |                       |           |            |               |           |
|--------------------------|---------------------|-----------|-------------|---------------|-----------|-----------------------|-----------|------------|---------------|-----------|
| Cable                    | STANDARD CONNECTION |           |             |               |           | HEAVY DUTY CONNECTION |           |            |               |           |
|                          | Mold #              | Price Key | Weld Metal* | Handle Clamps | Lead Time | Mold #                | Price Key | Weld Metal | Handle Clamps | Lead Time |
| #8                       | M-6021              | 4         | 15          | B-106         | 2         | M-6021-H              | 4         | 32         | B-106         | 4         |
| #6                       | M-200               | 4         | 25          | B-106         | 2         | M-200-H               | 4         | 45         | B-106         | 4         |
| #4                       | M-201               | 4         | 25          | B-106         | 2         | M-201-H               | 4         | 45         | B-106         | 2         |
| #2                       | M-203               | 4         | 32          | B-106         | 2         | M-203-H               | 4         | 65         | B-106         | 2         |
| #1                       | M-204               | 4         | 32          | B-106         | 4         | M-204-H               | 4         | 65         | B-106         | 4         |
| 1/0                      | M-205               | 4         | 45          | B-106         | 2         | M-205-H               | 4         | 90         | B-106         | 2         |
| 2/0                      | M-206               | 4         | 65          | B-106         | SDS       | M-206-H               | 4         | 115        | B-106         | 2         |
| 3/0                      | M-207               | 4         | 90          | B-106         | 2         | M-207-H               | 4         | 150        | B-106         | 2         |
| 4/0                      | M-208               | 4         | 90          | B-106         | SDS       | M-208-H               | 4         | 150        | B-106         | 2         |
| 250 MCM                  | M-209               | 4         | 115         | B-106         | 2         | M-209-H               | 4         | 200        | B-106         | 2         |
| 300 MCM                  | M-210               | 4         | 115         | B-106         | 2         | M-210-H               | 4         | 200        | B-106         | 2         |
| 350 MCM                  | M-211               | 4         | 150         | B-106         | 2         | M-211-H               | 4         | 250        | B-106         | 2         |
| 500 MCM                  | M-213               | 4         | 200         | B-106         | 2         | M-213-H               | 5         | 2-150      | B-107         | 2         |
| 750 MCM                  | M-214               | 5         | 2-150       | B-107         | 2         | M-214-H               | 5         | 500        | B-107         | 2         |
| 1000 MCM                 | M-215               | 5         | 2-200       | B-107         | 2         | M-215-H               | 5         | 3-250      | B-107         | 4         |



CC-14

TYPE MOLDS

Horizontal Parallel through Cables  
For AWG Conductors

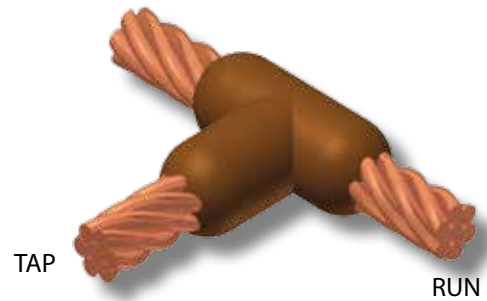
| MOLDS FOR AWG CONDUCTORS |     |        |           |            |               |           |
|--------------------------|-----|--------|-----------|------------|---------------|-----------|
| Cable                    |     | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
| Run                      | Tap |        |           |            |               |           |
| #8                       | #8  | M-5709 | 18†       | 15         | 40-4565-00    | 2         |
| #6                       | #6  | M-5618 | 18†       | 25         | 40-4565-00    | 2         |

- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU ~ EZ Lite Remote®
  - † ~ Sold complete with handles
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65
  - 40-0319-03 ~ Mold Cleaner for cartridge sizes #90-#500
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0330-00 ~ Cable Clamp

## CC-2

### TYPE MOLDS

*Horizontal Cable Tap to Horizontal Cable Run  
For AWG Conductors*



TAP

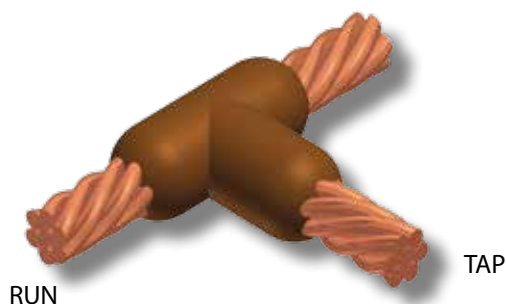
RUN

| MOLDS FOR AWG CONDUCTORS |         |                     |           |            |               |           |                       |           |            |               |           |
|--------------------------|---------|---------------------|-----------|------------|---------------|-----------|-----------------------|-----------|------------|---------------|-----------|
| Cable                    |         | STANDARD CONNECTION |           |            |               |           | HEAVY DUTY CONNECTION |           |            |               |           |
| Run                      | Tap     | Mold #              | Price Key | Weld Metal | Handle Clamps | Lead Time | Mold #                | Price Key | Weld Metal | Handle Clamps | Lead Time |
| #6                       | #6      | M-5072              | 4         | 32         | B-106         | 2         | M-5072-H              | 4         | 45         | B-106         | 4         |
| #4                       | #4      | M-221               | 4         | 32         | B-106         | 2         | M-221-H               | 4         | 65         | B-106         | 2         |
| #2                       | #2      | M-223               | 4         | 45         | B-106         | SDS       | M-223-H               | 4         | 65         | B-106         | 2         |
|                          | #4      | M-224               | 4         | 45         | B-106         | 2         | M-224-H               | 4         | 65         | B-106         | 2         |
| #1                       | #1      | M-225               | 4         | 45         | B-106         | 2         | M-225-H               | 4         | 65         | B-106         | 4         |
|                          | #2      | M-226               | 4         | 45         | B-106         | 2         | M-226-H               | 4         | 65         | B-106         | 4         |
|                          | #4      | M-227               | 4         | 45         | B-106         | 2         | M-227-H               | 4         | 65         | B-106         | 4         |
| 1/0                      | 1/0     | M-228               | 4         | 90         | B-106         | SDS       | M-228-H               | 4         | 115        | B-106         | 2         |
|                          | #1      | M-229               | 4         | 45         | B-106         | 2         | M-229-H               | 4         | 90         | B-106         | 4         |
|                          | #2      | M-230               | 4         | 45         | B-106         | 2         | M-230-H               | 4         | 90         | B-106         | 2         |
|                          | #2 Sol  | M-5311              | 4         | 45         | B-106         | 2         | M-5311-H              | 4         | 90         | B-106         | 2         |
|                          | #4      | M-231               | 4         | 45         | B-106         | 2         | M-231-H               | 4         | 65         | B-106         | 2         |
| 2/0                      | 4/0     | M-5059              | 4         | 90         | B-106         | SDS       | M-5059-H              | 4         | 150        | B-106         | 2         |
|                          | 2/0     | M-232               | 4         | 90         | B-106         | SDS       | M-232-H               | 4         | 115        | B-106         | 2         |
|                          | 1/0     | M-233               | 4         | 90         | B-106         | 2         | M-233-H               | 4         | 115        | B-106         | 2         |
|                          | #1      | M-234               | 4         | 45         | B-106         | 2         | M-234-H               | 4         | 90         | B-106         | 2         |
|                          | #2      | M-235               | 4         | 45         | B-106         | SDS       | M-235-H               | 4         | 90         | B-106         | 2         |
|                          | #2 Sol  | M-8093              | 4         | 45         | B-106         | 2         | M-8093-H              | 4         | 90         | B-106         | 2         |
|                          | #4      | M-5475              | 4         | 45         | B-106         | 2         | M-5475-H              | 4         | 65         | B-106         | 2         |
| 3/0                      | 3/0     | M-236               | 4         | 115        | B-106         | SDS       | M-236-H               | 4         | 200        | B-106         | 2         |
|                          | 2/0     | M-237               | 4         | 90         | B-106         | 2         | M-237-H               | 4         | 150        | B-106         | 2         |
|                          | 1/0     | M-238               | 4         | 90         | B-106         | 2         | M-238-H               | 4         | 150        | B-106         | 4         |
|                          | #1      | M-239               | 4         | 45         | B-106         | 2         | M-239-H               | 4         | 90         | B-106         | 4         |
|                          | #2      | M-240               | 4         | 45         | B-106         | 2         | M-240-H               | 4         | 90         | B-106         | 4         |
|                          | #2 Sol  | M-5884              | 4         | 45         | B-106         | 2         | M-5884-H              | 4         | 90         | B-106         | 2         |
|                          | #4      | M-5574              | 4         | 45         | B-106         | 2         | M-5574-H              | 4         | 65         | B-106         | 2         |
| 4/0                      | 500 MCM | M-5010              | 4         | 150        | B-106         | 4         | M-5010-H              | 5         | 2 x150     | B-106         | 4         |
|                          | 4/0     | M-241               | 4         | 150        | B-106         | SDS       | M-241-H               | 4         | 250        | B-106         | 2         |
|                          | 3/0     | M-242               | 4         | 115        | B-106         | 2         | M-242-H               | 4         | 200        | B-106         | 4         |
|                          | 2/0     | M-243               | 4         | 90         | B-106         | SDS       | M-243-H               | 4         | 150        | B-106         | 2         |
|                          | 1/0     | M-244               | 4         | 90         | B-106         | SDS       | M-244-H               | 4         | 150        | B-106         | 2         |
|                          | #1      | M-245               | 4         | 90         | B-106         | 2         | M-245-H               | 4         | 150        | B-106         | 2         |
|                          | #2      | M-246               | 4         | 90         | B-106         | SDS       | M-246-H               | 4         | 150        | B-106         | 2         |
|                          | #2 Sol  | M-5348              | 4         | 90         | B-106         | 2         | M-5348-H              | 4         | 150        | B-106         | 2         |
|                          | #4      | M-5021              | 4         | 90         | B-106         | 2         | M-5021-H              | 4         | 150        | B-106         | 2         |
| 250 MCM                  | 250 MCM | M-247               | 4         | 150        | B-106         | SDS       | M-247-H               | 4         | 250        | B-106         | 2         |
|                          | 4/0     | M-248               | 4         | 150        | B-106         | 2         | M-248-H               | 4         | 250        | B-106         | 2         |
|                          | 3/0     | M-249               | 4         | 150        | B-106         | 2         | M-249-H               | 4         | 250        | B-106         | 4         |
|                          | 2/0     | M-250               | 4         | 90         | B-106         | 2         | M-250-H               | 4         | 150        | B-106         | 2         |
|                          | 1/0     | M-251               | 4         | 90         | B-106         | 2         | M-251-H               | 4         | 150        | B-106         | 4         |
|                          | #1      | M-252               | 4         | 90         | B-106         | 2         | M-252-H               | 4         | 150        | B-106         | 4         |
|                          | #2      | M-253               | 4         | 90         | B-106         | 2         | M-253-H               | 4         | 150        | B-106         | 4         |

## CC-2

## TYPE MOLDS

*Horizontal Cable Tap to Horizontal Cable Run  
For AWG Conductors*



RUN

TAP

| MOLDS FOR AWG CONDUCTORS |         |                     |           |            |               |           |                       |           |            |               |           |
|--------------------------|---------|---------------------|-----------|------------|---------------|-----------|-----------------------|-----------|------------|---------------|-----------|
| Cable                    |         | STANDARD CONNECTION |           |            |               |           | HEAVY DUTY CONNECTION |           |            |               |           |
| Run                      | Tap     | Mold #              | Price Key | Weld Metal | Handle Clamps | Lead Time | Mold #                | Price Key | Weld Metal | Handle Clamps | Lead Time |
| 300 MCM                  | 300 MCM | M-254               | 4         | 200        | B-106         | 2         | M-254-H               | 5         | 2-150      | B-107         | 2         |
|                          | 250 MCM | M-255               | 4         | 150        | B-106         | 2         | M-255-H               | 4         | 250        | B-106         | 4         |
|                          | 4/0     | M-256               | 4         | 150        | B-106         | 2         | M-256-H               | 4         | 250        | B-106         | 4         |
|                          | 3/0     | M-257               | 4         | 150        | B-106         | 2         | M-257-H               | 4         | 250        | B-106         | 4         |
|                          | 2/0     | M-258               | 4         | 90         | B-106         | 2         | M-258-H               | 4         | 150        | B-106         | 4         |
|                          | 1/0     | M-259               | 4         | 90         | B-106         | 2         | M-259-H               | 4         | 150        | B-106         | 4         |
|                          | #1      | M-260               | 4         | 90         | B-106         | 2         | M-260-H               | 4         | 150        | B-106         | 4         |
|                          | #2      | M-261               | 4         | 90         | B-106         | 2         | M-261-H               | 4         | 150        | B-106         | 4         |
| 350 MCM                  | 350 MCM | M-262               | 4         | 200        | B-106         | 2         | M-262-H               | 5         | 2-150      | B-107         | 4         |
|                          | 300 MCM | M-263               | 4         | 200        | B-106         | 2         | M-263-H               | 5         | 2-150      | B-107         | 4         |
|                          | 250 MCM | M-264               | 4         | 200        | B-106         | 2         | M-264-H               | 5         | 2-150      | B-107         | 4         |
|                          | 4/0     | M-265               | 4         | 150        | B-106         | 2         | M-265-H               | 4         | 250        | B-106         | 2         |
|                          | 3/0     | M-266               | 4         | 150        | B-106         | 2         | M-266-H               | 4         | 250        | B-106         | 4         |
|                          | 2/0     | M-267               | 4         | 90         | B-106         | 2         | M-267-H               | 4         | 150        | B-106         | 4         |
|                          | 1/0     | M-268               | 4         | 90         | B-106         | 2         | M-268-H               | 4         | 150        | B-106         | 2         |
|                          | #1      | M-269               | 4         | 90         | B-106         | 2         | M-269-H               | 4         | 150        | B-106         | 4         |
| 500 MCM                  | #2      | M-270               | 4         | 90         | B-106         | 2         | M-270-H               | 4         | 150        | B-106         | 4         |
|                          | 500 MCM | M-280               | 4         | 2-150      | B-106         | SDS       | M-280-H               | 5         | 500        | B-107         | 2         |
|                          | 350 MCM | M-282               | 4         | 200        | B-106         | 2         | M-282-H               | 5         | 2-150      | B-107         | 4         |
|                          | 300 MCM | M-283               | 4         | 200        | B-106         | 2         | M-283-H               | 5         | 2-150      | B-107         | 4         |
|                          | 250 MCM | M-284               | 4         | 200        | B-106         | 2         | M-284-H               | 5         | 2-150      | B-107         | 2         |
|                          | 4/0     | M-285               | 4         | 150        | B-106         | 2         | M-285-H               | 4         | 250        | B-106         | 2         |
|                          | 2/0     | M-286               | 4         | 90         | B-106         | 2         | M-286-H               | 4         | 150        | B-106         | 2         |
|                          | 1/0     | M-287               | 4         | 90         | B-106         | 2         | M-287-H               | 4         | 150        | B-106         | 2         |
| 750 MCM                  | #1      | M-288               | 4         | 90         | B-106         | 2         | M-288-H               | 4         | 150        | B-106         | 4         |
|                          | #2      | M-289               | 4         | 90         | B-106         | 2         | M-289-H               | 4         | 150        | B-106         | 2         |
|                          | 750 MCM | M-290               | 5         | 500        | B-107         | 2         | M-290-H               | 5         | 3-250      | B-107         | 2         |
|                          | 500 MCM | M-291               | 5         | 2-200      | B-107         | 2         | M-291-H               | 5         | 3-200      | B-107         | 4         |
|                          | 350 MCM | M-293               | 4         | 250        | B-106         | 2         | M-293-H               | 5         | 2-200      | B-107         | 4         |
|                          | 300 MCM | M-294               | 4         | 200        | B-106         | 2         | M-294-H               | 5         | 2-150      | B-107         | 4         |
|                          | 250 MCM | M-295               | 4         | 200        | B-106         | 2         | M-295-H               | 5         | 2-150      | B-107         | 4         |
|                          | 4/0     | M-296               | 4         | 150        | B-106         | 2         | M-296-H               | 4         | 250        | B-106         | 4         |
|                          | 2/0     | M-297               | 4         | 150        | B-106         | 2         | M-297-H               | 4         | 250        | B-106         | 4         |
|                          | 1/0     | M-298               | 4         | 150        | B-106         | 2         | M-298-H               | 4         | 250        | B-106         | 4         |

- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65
  - 40-0319-03 ~ Mold Cleaner for cartridge sizes #90-#500
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0330-00 ~ Cable Clamp

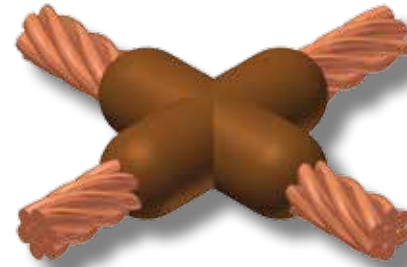
## CC-4

### TYPE MOLDS

*Horizontal to Horizontal Cable Cross*

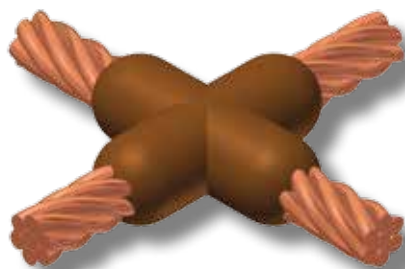
*For AWG Conductors*

*Tap cable is cut*



| MOLDS FOR AWG CONDUCTORS |         |                     |           |            |               |           |                       |           |            |               |           |
|--------------------------|---------|---------------------|-----------|------------|---------------|-----------|-----------------------|-----------|------------|---------------|-----------|
| Cable                    |         | STANDARD CONNECTION |           |            |               |           | HEAVY DUTY CONNECTION |           |            |               |           |
| Run                      | Tap     | Mold #              | Price Key | Weld Metal | Handle Clamps | Lead Time | Mold #                | Price Key | Weld Metal | Handle Clamps | Lead Time |
| #6                       | #6      | M-5001              | 4         | 32         | B-106         | 2         | M-5001-H              | 4         | 65         | B-106         | 4         |
| #4                       | #4      | M-423               | 4         | 45         | B-106         | 2         | M-423-H               | 4         | 65         | B-106         | 2         |
| #2                       | #2      | M-425               | 4         | 65         | B-106         | 2         | M-425-H               | 4         | 90         | B-106         | 4         |
|                          | #4      | M-426               | 4         | 65         | B-106         | 2         | M-426-H               | 4         | 90         | B-106         | 4         |
| #1                       | #1      | M-427               | 4         | 65         | B-106         | 2         | M-427-H               | 4         | 115        | B-106         | 4         |
|                          | #2      | M-428               | 4         | 65         | B-106         | 2         | M-428-H               | 4         | 115        | B-106         | 4         |
|                          | #4      | M-429               | 4         | 65         | B-106         | 4         | M-429-H               | 4         | 115        | B-106         | 4         |
| 1/0                      | 1/0     | M-430               | 4         | 90         | B-106         | 2         | M-430-H               | 4         | 150        | B-106         | 2         |
|                          | #1      | M-431               | 4         | 90         | B-106         | 4         | M-431-H               | 4         | 150        | B-106         | 4         |
|                          | #2      | M-432               | 4         | 90         | B-106         | 2         | M-432-H               | 4         | 150        | B-106         | 4         |
|                          | #4      | M-433               | 4         | 90         | B-106         | 2         | M-433-H               | 4         | 150        | B-106         | 2         |
| 2/0                      | 2/0     | M-434               | 4         | 115        | B-106         | SDS       | M-434-H               | 4         | 200        | B-106         | 2         |
|                          | 1/0     | M-435               | 4         | 115        | B-106         | 2         | M-435-H               | 4         | 200        | B-106         | 4         |
|                          | #1      | M-436               | 4         | 115        | B-106         | 4         | M-436-H               | 4         | 200        | B-106         | 4         |
|                          | #2      | M-437               | 4         | 115        | B-106         | 2         | M-437-H               | 4         | 150        | B-106         | 4         |
| 3/0                      | 3/0     | M-438               | 4         | 150        | B-106         | 2         | M-438-H               | 4         | 250        | B-106         | 2         |
|                          | 2/0     | M-439               | 4         | 150        | B-106         | 2         | M-439-H               | 4         | 250        | B-106         | 4         |
|                          | 1/0     | M-440               | 4         | 115        | B-106         | 2         | M-440-H               | 4         | 200        | B-106         | 4         |
|                          | #1      | M-441               | 4         | 115        | B-106         | 2         | M-441-H               | 4         | 200        | B-106         | 4         |
|                          | #2      | M-442               | 4         | 115        | B-106         | 2         | M-442-H               | 4         | 200        | B-106         | 4         |
| 4/0                      | 4/0     | M-443               | 4         | 200        | B-106         | SDS       | M-443-H               | 5         | 2-150      | B-107         | 2         |
|                          | 3/0     | M-444               | 4         | 200        | B-106         | 2         | M-444-H               | 5         | 2-150      | B-107         | 4         |
|                          | 2/0     | M-445               | 4         | 150        | B-106         | 2         | M-445-H               | 4         | 250        | B-106         | 2         |
|                          | 1/0     | M-446               | 4         | 150        | B-106         | 2         | M-446-H               | 4         | 250        | B-106         | 4         |
|                          | #1      | M-447               | 4         | 115        | B-106         | 2         | M-447-H               | 4         | 200        | B-106         | 4         |
|                          | #2      | M-448               | 4         | 115        | B-106         | 2         | M-448-H               | 4         | 200        | B-106         | 4         |
| 250 MCM                  | 250 MCM | M-449               | 4         | 200        | B-106         | 2         | M-449-H               | 5         | 2-150      | B-107         | 4         |
|                          | 4/0     | M-450               | 4         | 200        | B-106         | 2         | M-450-H               | 5         | 2-150      | B-107         | 4         |
|                          | 3/0     | M-451               | 4         | 200        | B-106         | 2         | M-451-H               | 5         | 2-150      | B-107         | 4         |
|                          | 2/0     | M-452               | 4         | 150        | B-106         | 2         | M-452-H               | 4         | 250        | B-106         | 4         |
|                          | 1/0     | M-453               | 4         | 150        | B-106         | 2         | M-453-H               | 4         | 250        | B-106         | 4         |
|                          | #1      | M-454               | 4         | 115        | B-106         | 4         | M-454-H               | 4         | 200        | B-106         | 4         |
|                          | #2      | M-455               | 4         | 115        | B-106         | 2         | M-455-H               | 4         | 200        | B-106         | 4         |

- **For sizes not listed, contact thermOweld®.**
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65
  - 40-0319-03 ~ Mold Cleaner for cartridge sizes #90-#500
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0330-00 ~ Cable Clamp



CC-4

## TYPE MOLDS

*Horizontal to Horizontal Cable Cross**For AWG Conductors**Tap cable is cut*

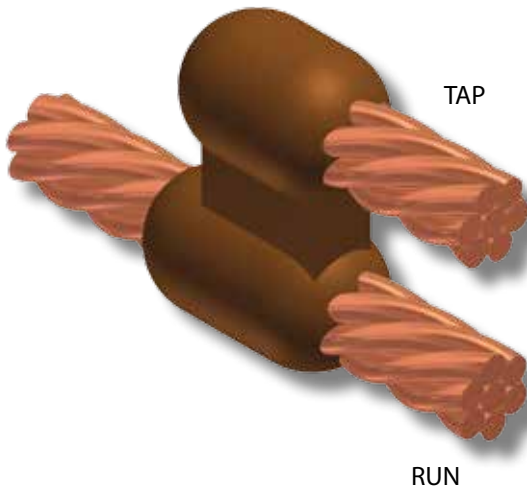
| MOLDS FOR AWG CONDUCTORS |         |                     |           |            |               |           |                       |           |            |               |           |
|--------------------------|---------|---------------------|-----------|------------|---------------|-----------|-----------------------|-----------|------------|---------------|-----------|
| Cable                    |         | STANDARD CONNECTION |           |            |               |           | HEAVY DUTY CONNECTION |           |            |               |           |
| Run                      | Tap     | Mold #              | Price Key | Weld Metal | Handle Clamps | Lead Time | Mold #                | Price Key | Weld Metal | Handle Clamps | Lead Time |
| 300 MCM                  | 300 MCM | M-456               | 4         | 250        | B-106         | 2         | M-456-H               | 5         | 2-200      | B-107         | 4         |
|                          | 250 MCM | M-457               | 4         | 250        | B-106         | 4         | M-457-H               | 5         | 2-200      | B-107         | 4         |
|                          | 4/0     | M-458               | 4         | 200        | B-106         | 4         | M-458-H               | 5         | 2-150      | B-107         | 4         |
|                          | 3/0     | M-459               | 4         | 200        | B-106         | 2         | M-459-H               | 5         | 2-150      | B-107         | 4         |
|                          | 2/0     | M-460               | 4         | 150        | B-106         | 4         | M-460-H               | 4         | 250        | B-106         | 4         |
|                          | 1/0     | M-461               | 4         | 150        | B-106         | 4         | M-461-H               | 4         | 250        | B-106         | 4         |
|                          | #1      | M-462               | 4         | 115        | B-106         | 4         | M-462-H               | 4         | 200        | B-106         | 4         |
|                          | #2      | M-463               | 4         | 115        | B-106         | 2         | M-463-H               | 4         | 200        | B-106         | 4         |
| 350 MCM                  | 350 MCM | M-464               | 4         | 250        | B-106         | 2         | M-464-H               | 5         | 2-200      | B-107         | 4         |
|                          | 300 MCM | M-465               | 4         | 250        | B-106         | 4         | M-465-H               | 5         | 2-200      | B-107         | 4         |
|                          | 250 MCM | M-466               | 4         | 250        | B-106         | 2         | M-466-H               | 5         | 2-200      | B-107         | 4         |
|                          | 4/0     | M-467               | 4         | 200        | B-106         | 2         | M-467-H               | 5         | 2-150      | B-107         | 4         |
|                          | 3/0     | M-468               | 4         | 200        | B-106         | 4         | M-468-H               | 5         | 2-150      | B-107         | 4         |
|                          | 2/0     | M-469               | 4         | 200        | B-106         | 2         | M-469-H               | 5         | 2-150      | B-107         | 2         |
|                          | 1/0     | M-470               | 4         | 200        | B-106         | 4         | M-470-H               | 5         | 2-150      | B-107         | 4         |
|                          | #1      | M-471               | 4         | 150        | B-106         | 4         | M-471-H               | 4         | 250        | B-106         | 4         |
| 500 MCM                  | #2      | M-472               | 4         | 150        | B-106         | 4         | M-472-H               | 4         | 250        | B-106         | 4         |
|                          | 500 MCM | M-483               | 5         | 500        | B-107         | 2         | M-483-H               | 5         | 3-250      | B-107         | 2         |
|                          | 350 MCM | M-485               | 5         | 2-200      | B-107         | 4         | M-485-H               | 5         | 3-200      | B-107         | 4         |
|                          | 300 MCM | M-486               | 5         | 2-200      | B-107         | 2         | M-486-H               | 5         | 3-200      | B-107         | 4         |
|                          | 250 MCM | M-487               | 5         | 2-150      | B-107         | 4         | M-487-H               | 5         | 500        | B-107         | 4         |
|                          | 4/0     | M-488               | 5         | 2-150      | B-107         | 2         | M-488-H               | 5         | 500        | B-107         | 2         |
|                          | 3/0     | M-489               | 5         | 2-150      | B-107         | 4         | M-489-H               | 5         | 500        | B-107         | 4         |
|                          | 2/0     | M-490               | 4         | 250        | B-106         | 2         | M-490-H               | 5         | 2-200      | B-107         | 4         |
|                          | 1/0     | M-491               | 4         | 250        | B-106         | 2         | M-491-H               | 5         | 2-200      | B-107         | 4         |
|                          | #1      | M-492               | 4         | 200        | B-106         | 4         | M-492-H               | 5         | 2-150      | B-107         | 4         |
|                          | #2      | M-493               | 4         | 200        | B-106         | 2         | M-493-H               | 5         | 2-150      | B-107         | 2         |

- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65
  - 40-0319-03 ~ Mold Cleaner for cartridge sizes #90-#500
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0330-00 ~ Cable Clamp

## CC-6

### TYPE MOLDS

*Horizontal Parallel Tap  
For AWG Conductors*



Section 2 - Molds  
AWG Conductors

**MOLDS FOR AWG CONDUCTORS**

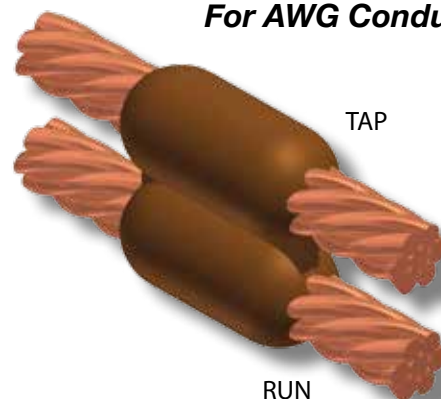
| Cable  |        | Mold #   | Price Key | Weld Metal | Handle Clamps | Lead Time |
|--------|--------|----------|-----------|------------|---------------|-----------|
| Run    | Tap    |          |           |            |               |           |
| #6 Sol | #6 Sol | M-1270   | 4         | 25         | B-106         | 2         |
| #6     | #6     | M-1271   | 4         | 25         | B-106         | 2         |
| #4     | #4     | M-1272   | 4         | 32         | B-106         | 2         |
|        | #6     | M-1273   | 4         | 32         | B-106         | 2         |
|        | #6 Sol | M-1274   | 4         | 32         | B-106         | 4         |
|        | #8 Sol | M-1275   | 4         | 32         | B-106         | 2         |
| #2     | #2     | M-1276   | 4         | 65         | B-106         | 2         |
|        | #2     | M-1276-S | 4         | 65         | B-106         | SDS       |
|        | #4     | M-1277   | 4         | 45         | B-106         | 4         |
|        | #6     | M-1278   | 4         | 32         | B-106         | 2         |
|        | #6 Sol | M-1279   | 4         | 32         | B-106         | 2         |
|        | #8 Sol | M-1280   | 4         | 32         | B-106         | 2         |
| #1     | #1     | M-1281   | 4         | 65         | B-106         | 2         |
|        | #2     | M-1282   | 4         | 65         | B-106         | 2         |
|        | #4     | M-1283   | 4         | 45         | B-106         | 4         |
|        | #6     | M-1284   | 4         | 45         | B-106         | 2         |
|        | #6 Sol | M-1285   | 4         | 45         | B-106         | 4         |
|        | #8 Sol | M-1286   | 4         | 46         | B-106         | 4         |
| 1/0    | 1/0    | M-1287   | 4         | 90         | B-106         | 2         |
|        | #1     | M-1288   | 4         | 90         | B-106         | 4         |
|        | #2     | M-1289   | 4         | 65         | B-106         | 2         |
|        | #4     | M-1290   | 4         | 65         | B-106         | 2         |
|        | #6     | M-1291   | 4         | 45         | B-106         | 2         |
|        | #6 Sol | M-1292   | 4         | 45         | B-106         | 2         |
|        | #8 Sol | M-1293   | 4         | 45         | B-106         | 2         |
| 2/0    | 2/0    | M-1294   | 4         | 115        | B-106         | 2         |
|        | 1/0    | M-1295   | 4         | 115        | B-106         | 2         |
|        | #1     | M-1296   | 4         | 90         | B-106         | 4         |
|        | #2     | M-1297   | 4         | 90         | B-106         | 2         |
|        | #4     | M-1298   | 4         | 65         | B-106         | 2         |
|        | #6     | M-1299   | 4         | 65         | B-106         | 2         |
|        | #6 Sol | M-1300   | 4         | 65         | B-106         | 2         |
|        | #8 Sol | M-1301   | 4         | 65         | B-106         | 2         |
| 4/0    | 4/0    | M-1302   | 4         | 150        | B-106         | 2         |
|        | 2/0    | M-1303   | 4         | 115        | B-106         | 2         |
|        | 1/0    | M-1304   | 4         | 115        | B-106         | 2         |
|        | #1     | M-1305   | 4         | 115        | B-106         | 2         |
|        | #2     | M-1306   | 4         | 115        | B-106         | 2         |
|        | #4     | M-1307   | 4         | 90         | B-106         | 2         |
|        | #6     | M-1308   | 4         | 90         | B-106         | 2         |
|        | #6 Sol | M-1309   | 4         | 90         | B-106         | 2         |
|        | #8 Sol | M-1310   | 4         | 90         | B-106         | 2         |

- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty connections, contact thermOweld®.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65
  - 40-0319-03 ~ Mold Cleaner for cartridge sizes #90-#500
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0330-00 ~ Cable Clamp

## CC-7

## TYPE MOLDS

*Horizontal Parallel through Cables  
For AWG Conductors*



| MOLDS FOR AWG CONDUCTORS |         |        |           |            |               |           |
|--------------------------|---------|--------|-----------|------------|---------------|-----------|
| Cable                    |         | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
| Run                      | Tap     |        |           |            |               |           |
| #6                       | #6      | M-5965 | 4         | 25         | B-106         | 2         |
| #4                       | #4      | M-1311 | 4         | 32         | B-106         | 2         |
|                          | #6      | M-5627 | 4         | 32         | B-106         | 2         |
|                          | #6 Sol  | M-8882 | 4         | 32         | B-106         | 2         |
|                          | #8      | M-5629 | 4         | 32         | B-106         | 4         |
|                          | #8 Sol  | M-5630 | 4         | 32         | B-106         | 2         |
| #2                       | #2      | M-1313 | 4         | 65         | B-106         | 2         |
|                          | #2 Sol  | M-6654 | 4         | 65         | B-106         | SDS       |
|                          | #4      | M-1314 | 4         | 65         | B-106         | 2         |
|                          | #6      | M-5631 | 4         | 45         | B-106         | 2         |
|                          | #6 Sol  | M-5632 | 4         | 45         | B-106         | 2         |
|                          | #8      | M-5634 | 4         | 45         | B-106         | 2         |
|                          | #8 Sol  | M-5635 | 4         | 45         | B-106         | 4         |
| #1                       | #1      | M-1315 | 4         | 65         | B-106         | 2         |
|                          | #2      | M-1316 | 4         | 65         | B-106         | 2         |
|                          | #4      | M-1317 | 4         | 65         | B-106         | 4         |
|                          | #6      | M-5636 | 4         | 65         | B-106         | 4         |
|                          | #6 Sol  | M-5637 | 4         | 65         | B-106         | 4         |
|                          | #8      | M-5638 | 4         | 45         | B-106         | 4         |
|                          | #8 Sol  | M-5639 | 4         | 45         | B-106         | 4         |
| 1/0                      | 1/0     | M-1318 | 4         | 90         | B-106         | 2         |
|                          | #1      | M-1319 | 4         | 65         | B-106         | 4         |
|                          | #2      | M-1320 | 4         | 65         | B-106         | 2         |
|                          | #4      | M-1321 | 4         | 65         | B-106         | 2         |
|                          | #6      | M-5642 | 4         | 65         | B-106         | 2         |
|                          | #6 Sol  | M-1208 | 4         | 65         | B-106         | 2         |
|                          | #8      | M-5644 | 4         | 65         | B-106         | 4         |
|                          | #8 Sol  | M-5645 | 4         | 65         | B-106         | 2         |
|                          | #2 Sol  | M-5973 | 4         | 65         | B-106         | 4         |
| 2/0                      | 2/0     | M-1322 | 4         | 115        | B-106         | SDS       |
|                          | 1/0     | M-1323 | 4         | 115        | B-106         | 2         |
|                          | #1      | M-1324 | 4         | 90         | B-106         | 2         |
|                          | #2      | M-1325 | 4         | 90         | B-106         | 2         |
|                          | #2 Sol  | M-8289 | 4         | 90         | B-106         | 4         |
|                          | #4      | M-5659 | 4         | 90         | B-106         | 2         |
|                          | #6      | M-5342 | 4         | 90         | B-106         | 2         |
|                          | #6 Sol  | M-5652 | 4         | 90         | B-106         | 2         |
|                          | #8      | M-5668 | 4         | 65         | B-106         | 4         |
|                          | #8 Sol  | M-5943 | 4         | 65         | B-106         | 2         |
| 4/0                      | 4/0     | M-1331 | 4         | 200        | B-106         | SDS       |
|                          | 3/0     | M-1332 | 4         | 200        | B-106         | 2         |
|                          | 2/0     | M-1333 | 4         | 150        | B-106         | 2         |
|                          | 1/0     | M-1334 | 4         | 150        | B-106         | 2         |
|                          | 1/0 Sol | M-2551 | 4         | 150        | B-106         | 4         |
|                          | #1      | M-1335 | 4         | 150        | B-106         | 2         |
|                          | #2      | M-1336 | 4         | 150        | B-106         | 2         |
|                          | #2 Sol  | M-6805 | 4         | 150        | B-106         | 4         |
|                          | #4      | M-5340 | 4         | 150        | B-106         | 2         |
|                          | #6      | M-5684 | 4         | 90         | B-106         | 2         |
|                          | #6 Sol  | M-6552 | 4         | 90         | B-106         | 2         |
|                          | #8      | M-5686 | 4         | 90         | B-106         | 4         |
|                          | #8 Sol  | M-5688 | 4         | 90         | B-106         | 2         |
| 250 MCM                  | 250 MCM | M-1337 | 4         | 250        | B-106         | 2         |
|                          | 4/0     | M-1338 | 4         | 200        | B-106         | 2         |
|                          | 2/0     | M-1340 | 4         | 150        | B-106         | 2         |
|                          | 1/0     | M-1341 | 4         | 150        | B-106         | 2         |
|                          | #1      | M-1342 | 4         | 150        | B-106         | 4         |
|                          | #2      | M-1343 | 4         | 150        | B-106         | 2         |

| MOLDS FOR AWG CONDUCTORS |         |        |           |            |               |           |
|--------------------------|---------|--------|-----------|------------|---------------|-----------|
| Cable                    |         | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
| Run                      | Tap     |        |           |            |               |           |
| 300 MCM                  | 300 MCM | M-1344 | 5         | 2-150      | B-107         | 2         |
|                          | 250 MCM | M-1345 | 4         | 250        | B-106         | 4         |
|                          | 4/0     | M-1346 | 4         | 200        | B-106         | 2         |
|                          | 2/0     | M-1348 | 4         | 150        | B-106         | 4         |
|                          | 1/0     | M-1349 | 4         | 150        | B-106         | 2         |
|                          | #1      | M-1350 | 4         | 150        | B-106         | 4         |
|                          | #2      | M-1351 | 4         | 150        | B-106         | 4         |
| 350 MCM                  | 350 MCM | M-1352 | 5         | 2-150      | B-107         | 2         |
|                          | 300 MCM | M-1353 | 5         | 2-150      | B-107         | 2         |
|                          | 250 MCM | M-1354 | 4         | 250        | B-106         | 4         |
|                          | 4/0     | M-1355 | 4         | 200        | B-106         | 2         |
|                          | 2/0     | M-1357 | 4         | 150        | B-106         | 2         |
|                          | 1/0     | M-1358 | 4         | 150        | B-106         | 4         |
|                          | #1      | M-1359 | 4         | 150        | B-106         | 4         |
| 500 MCM                  | #2      | M-1360 | 4         | 150        | B-106         | 2         |
|                          | 500 MCM | M-1371 | 5         | 2-200      | B-107         | 2         |
|                          | 350 MCM | M-1373 | 5         | 2-150      | B-107         | 2         |
|                          | 300 MCM | M-1374 | 5         | 2-150      | B-107         | 2         |
|                          | 250 MCM | M-1375 | 4         | 250        | B-106         | 2         |
|                          | 4/0     | M-1376 | 4         | 200        | B-106         | 2         |
|                          | 2/0     | M-1378 | 4         | 150        | B-106         | 2         |
|                          | 1/0     | M-1379 | 4         | 150        | B-106         | 2         |
|                          | #1      | M-1380 | 4         | 150        | B-106         | 4         |
|                          | #2      | M-1381 | 4         | 150        | B-106         | 2         |

- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty connections, contact thermOweld®.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65
  - 40-0319-03 ~ Mold Cleaner for cartridge sizes #90-#500
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0330-00 ~ Cable Clamp

## CC-34

### TYPE MOLDS

*Vertical Parallel through Cables  
For AWG Conductors*



TAP is the cable that is closest to the crucible

RUN is the cable that is farthest from the crucible

#### MOLDS FOR AWG CONDUCTORS

| Cable   |         | Mold #  | Price Key | Weld Metal | Handle Clamps | Lead Time |
|---------|---------|---------|-----------|------------|---------------|-----------|
| Run     | Tap     |         |           |            |               |           |
| #6      | #6      | M-7379  | 17        | 32         | B-106         | 4         |
| #4      | #4      | M-10500 | 17        | 65         | B-106         | 4         |
|         | #6      | M-10501 | 17        | 65         | B-106         | 4         |
|         | #6 Sol  | M-10502 | 17        | 45         | B-106         | 4         |
| #2      | #2      | M-7304  | 17        | 90         | B-106         | 2         |
|         | #2 Sol  | M-7277  | 17        | 90         | B-106         | 2         |
|         | #4      | M-10503 | 17        | 90         | B-106         | 4         |
| #1      | #1      | M-10504 | 17        | 115        | B-106         | 4         |
|         | #2      | M-10505 | 17        | 90         | B-106         | 4         |
|         | #2 Sol  | M-10506 | 17        | 90         | B-106         | 4         |
|         | #4      | M-10507 | 17        | 90         | B-106         | 4         |
| 1/0     | 1/0     | M-5     | 17        | 150        | B-106         | 2         |
|         | #1      | M-10508 | 17        | 115        | B-106         | 4         |
|         | #2      | M-10509 | 17        | 115        | B-106         | 4         |
|         | #2 Sol  | M-10510 | 17        | 115        | B-106         | 4         |
|         | #4      | M-10511 | 17        | 115        | B-106         | 4         |
| 2/0     | 2/0     | M-6494  | 17        | 150        | B-106         | 2         |
|         | 1/0     | M-10512 | 17        | 150        | B-106         | 4         |
|         | #1      | M-10513 | 17        | 150        | B-106         | 4         |
|         | #2      | M-10514 | 17        | 150        | B-106         | 4         |
|         | #2 Sol  | M-6683  | 17        | 150        | B-106         | 2         |
| 4/0     | #4      | M-10515 | 17        | 115        | B-106         | 4         |
|         | 4/0     | M-6596  | 6         | 2-200      | B-107         | 2         |
|         | 2/0     | M-7050  | 17        | 250        | B-106         | 2         |
|         | 1/0     | M-6716  | 17        | 250        | B-106         | 2         |
|         | #1      | M-10517 | 17        | 250        | B-106         | 4         |
|         | #2      | M-10518 | 17        | 200        | B-106         | 4         |
|         | #2 Sol  | M-10519 | 17        | 200        | B-106         | 4         |
| 250 MCM | 250 MCM | M-10520 | 8         | 500        | B-107         | 4         |
| 500 MCM | 500 MCM | M-6915  | 8         | 3-250      | B-107         | 2         |

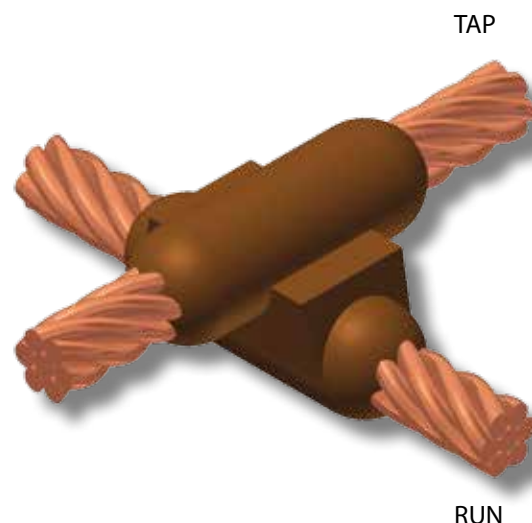
- **For sizes not listed, contact thermOweld®.**
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty connections, contact thermOweld®.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65
  - 40-0319-03 ~ Mold Cleaner for cartridge sizes #90-#500
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0330-00 ~ Cable Clamp

## CC-11

## TYPE MOLDS

*Horizontal to Horizontal Cable Cross (Uncut)  
For AWG Conductors*

| MOLDS FOR AWG CONDUCTORS |         |        |           |            |               |           |
|--------------------------|---------|--------|-----------|------------|---------------|-----------|
| Cable                    |         | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
| Run                      | Tap     |        |           |            |               |           |
| #6                       | #6      | M-6057 | 4         | 45         | B-106         | 2         |
| #4                       | #4      | M-2687 | 4         | 65         | B-106         | 2         |
| #2                       | #2      | M-2689 | 4         | 90         | B-106         | 2         |
|                          | #4      | M-2690 | 4         | 65         | B-106         | 2         |
| #1                       | #1      | M-2691 | 4         | 115        | B-106         | 2         |
|                          | #2      | M-2692 | 4         | 90         | B-106         | 2         |
|                          | #4      | M-2693 | 4         | 90         | B-106         | 4         |
| 1/0                      | 1/0     | M-2694 | 22        | 150        | B-106         | 2         |
|                          | #1      | M-2695 | 22        | 150        | B-106         | 2         |
|                          | #2      | M-2696 | 22        | 115        | B-106         | 2         |
|                          | #4      | M-2697 | 22        | 115        | B-106         | 2         |
| 2/0                      | 2/0     | M-2698 | 22        | 200        | B-106         | 2         |
|                          | 1/0     | M-2699 | 22        | 200        | B-106         | 2         |
|                          | #1      | M-2700 | 22        | 150        | B-106         | 4         |
| 3/0                      | #2      | M-2701 | 22        | 150        | B-106         | 2         |
|                          | 3/0     | M-2702 | 22        | 250        | B-106         | 2         |
|                          | 2/0     | M-2703 | 22        | 200        | B-106         | 4         |
|                          | 1/0     | M-2704 | 22        | 200        | B-106         | 2         |
|                          | #1      | M-2705 | 22        | 150        | B-106         | 2         |
| 4/0                      | #2      | M-2706 | 22        | 150        | B-106         | 4         |
|                          | 4/0     | M-2707 | 22        | 250        | B-106         | SDS       |
|                          | 3/0     | M-2708 | 22        | 250        | B-106         | 2         |
|                          | 2/0     | M-2709 | 22        | 200        | B-106         | 2         |
|                          | 1/0     | M-2710 | 22        | 200        | B-106         | 2         |
|                          | #1      | M-2711 | 22        | 150        | B-106         | 4         |
| 250 MCM                  | #2      | M-2712 | 22        | 150        | B-106         | 2         |
|                          | 250 MCM | M-2713 | 22        | 2-150      | B-106         | 2         |
|                          | 4/0     | M-2714 | 22        | 2-150      | B-106         | 2         |
|                          | 3/0     | M-2715 | 22        | 2-150      | B-106         | 2         |
|                          | 2/0     | M-2716 | 22        | 250        | B-106         | 2         |
|                          | 1/0     | M-2717 | 22        | 150        | B-106         | 2         |
| 500 MCM                  | #1      | M-2718 | 22        | 200        | B-106         | 4         |
|                          | #2      | M-2719 | 22        | 150        | B-106         | 4         |
|                          | 500 MCM | M-2747 | 23        | 3-250      | B-107         | 2         |
|                          | 250 MCM | M-2751 | 23        | 500        | B-107         | 2         |
|                          | 4/0     | M-2752 | 23        | 500        | B-107         | 2         |
|                          | 3/0     | M-2753 | 23        | 500        | B-107         | 2         |
|                          | 2/0     | M-2754 | 23        | 2-200      | B-107         | 2         |
|                          | 1/0     | M-2755 | 22        | 2-150      | B-106         | 2         |
|                          | #1      | M-2756 | 22        | 250        | B-106         | 4         |
|                          | #2      | M-2757 | 22        | 250        | B-106         | 4         |



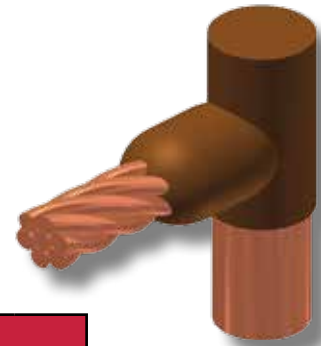
Section 2 - Molds  
AWG Conductors

- **For sizes not listed, contact thermOweld®.**
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty connections, contact thermOweld®.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65
  - 40-0319-03 ~ Mold Cleaner for cartridge sizes #90-#500
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0330-00 ~ Cable Clamp

## CR-1

### TYPE MOLDS

*Horizontal Cable Terminal to Ground Rod  
For AWG Conductors*



| MOLDS FOR AWG CONDUCTORS |            |               |           |            |               |           |                       |           |            |               |           |
|--------------------------|------------|---------------|-----------|------------|---------------|-----------|-----------------------|-----------|------------|---------------|-----------|
| Ground Rod Size          | Cable Size | STANDARD MOLD |           |            |               |           | HEAVY DUTY CONNECTION |           |            |               |           |
|                          |            | Mold #        | Price Key | Weld Metal | Handle Clamps | Lead Time | Mold #                | Price Key | Weld Metal | Handle Clamps | Lead Time |
| 1/2"                     | #6         | M-5858        | 4         | 45         | B-106         | 2         | M-5858-H              | 4         | 65         | B-106         | 4         |
|                          | #4         | M-6448        | 4         | 65         | B-106         | 2         | M-6448-H              | 4         | 90         | B-106         | 4         |
|                          | #2         | M-495         | 4         | 65         | B-106         | 2         | M-495-H               | 4         | 90         | B-106         | 4         |
|                          | #1         | M-496         | 4         | 65         | B-106         | 4         | M-496-H               | 4         | 90         | B-106         | 4         |
|                          | 1/0        | M-497         | 4         | 90         | B-106         | 2         | M-497-H               | 4         | 115        | B-106         | 4         |
|                          | 2/0        | M-498         | 4         | 90         | B-106         | 2         | M-498-H               | 4         | 115        | B-106         | 4         |
|                          | 3/0        | M-499         | 4         | 90         | B-106         | 2         | M-499-H               | 4         | 150        | B-106         | 4         |
|                          | 4/0        | M-500         | 4         | 90         | B-106         | 2         | M-500-H               | 4         | 150        | B-106         | 2         |
|                          | 250 MCM    | M-501         | 4         | 90         | B-106         | 2         | M-501-H               | 4         | 150        | B-106         | 4         |
|                          | 300 MCM    | M-502         | 4         | 90         | B-106         | 2         | M-502-H               | 4         | 150        | B-106         | 4         |
| 5/8"                     | #6         | M-5799        | 4         | 45         | B-106         | 2         | M-5799-H              | 4         | 65         | B-106         | 4         |
|                          | #4         | M-5197        | 4         | 65         | B-106         | 2         | M-5197-H              | 4         | 90         | B-106         | 4         |
|                          | #2         | M-503         | 4         | 65         | B-106         | 2         | M-503-H               | 4         | 90         | B-106         | 2         |
|                          | #2 Sol     | M-503-S       | 4         | 65         | B-106         | 2         | M-503HS               | 4         | 90         | B-106         | 2         |
|                          | #1         | M-504         | 4         | 65         | B-106         | 2         | M-504-H               | 4         | 90         | B-106         | 4         |
|                          | 1/0        | M-505         | 4         | 90         | B-106         | 2         | M-505-H               | 4         | 115        | B-106         | 2         |
|                          | 2/0        | M-506         | 4         | 90         | B-106         | SDS       | M-506-H               | 4         | 115        | B-106         | 2         |
|                          | 3/0        | M-507         | 4         | 90         | B-106         | 2         | M-507-H               | 4         | 150        | B-106         | 2         |
|                          | 4/0        | M-508         | 4         | 90         | B-106         | SDS       | M-508-H               | 4         | 150        | B-106         | 2         |
|                          | 250 MCM    | M-509         | 4         | 90         | B-106         | 2         | M-509-H               | 4         | 150        | B-106         | 4         |
|                          | 300 MCM    | M-510         | 4         | 115        | B-106         | 2         | M-510-H               | 4         | 200        | B-106         | 4         |
|                          | 350 MCM    | M-511         | 4         | 115        | B-106         | 2         | M-511-H               | 4         | 200        | B-106         | 4         |
|                          | 500 MCM    | M-513         | 4         | 150        | B-106         | 2         | M-513-H               | 4         | 250        | B-106         | 4         |

- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- Molds listed are for copper clad ground rods. For welding to steel, stainless steel or galvanized steel ground rods add suffix "-N" to mold number.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65
  - 40-0319-03 ~ Mold Cleaner for cartridge sizes #90-#500
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0330-00 ~ Cable Clamp

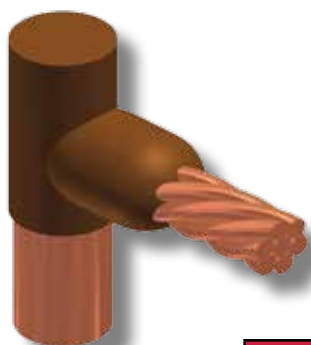
#### NOTES

1. Molds listed are for copper clad steel ground rods: 1/2" rods are 0.475" diameter, 5/8" rods are 0.563" diameter, 3/4" rods are 0.682" diameter, and 1" rods are 0.914" diameter. **Undersized ground rods may require shim stock or packing material.**
2. Molds are available for galvanized steel, stainless steel, and solid copper rods that are sold by actual diameter. The suffix "-N" is added to the mold number, i.e. M-XXX-N is for full sized rods.
3. Molds are available for sectional/threaded copper clad steel ground rods. The suffix "-T" is added to the mold number, i.e. M-XXX-T is for a sectional/threaded ground rod.

## CR-1

## TYPE MOLDS

*Horizontal Cable Terminal to Ground Rod  
For AWG Conductors*



| MOLDS FOR AWG CONDUCTORS |            |               |           |            |               |           |                       |           |            |               |           |
|--------------------------|------------|---------------|-----------|------------|---------------|-----------|-----------------------|-----------|------------|---------------|-----------|
| Ground Rod Size          | Cable Size | STANDARD MOLD |           |            |               |           | HEAVY DUTY CONNECTION |           |            |               |           |
|                          |            | Mold #        | Price Key | Weld Metal | Handle Clamps | Lead Time | Mold #                | Price Key | Weld Metal | Handle Clamps | Lead Time |
| 3/4"                     | #6         | M-5878        | 4         | 45         | B-106         | 2         | M-5878-H              | 4         | 65         | B-106         | 2         |
|                          | #4         | M-5593        | 4         | 90         | B-106         | 2         | M-5593-H              | 4         | 115        | B-106         | 2         |
|                          | #2         | M-5781        | 4         | 90         | B-106         | 2         | M-5781-H              | 4         | 115        | B-106         | 2         |
|                          | #1         | M-514         | 4         | 90         | B-106         | 2         | M-514-H               | 4         | 115        | B-106         | 4         |
|                          | 1/0        | M-515         | 4         | 90         | B-106         | 2         | M-515-H               | 4         | 150        | B-106         | 2         |
|                          | 2/0        | M-516         | 4         | 90         | B-106         | 2         | M-516-H               | 4         | 150        | B-106         | 2         |
|                          | 3/0        | M-517         | 4         | 90         | B-106         | 2         | M-517-H               | 4         | 150        | B-106         | 2         |
|                          | 4/0        | M-518         | 4         | 90         | B-106         | SDS       | M-518-H               | 4         | 150        | B-106         | 2         |
|                          | 250 MCM    | M-519         | 4         | 90         | B-106         | 2         | M-519-H               | 4         | 150        | B-106         | 4         |
|                          | 300 MCM    | M-520         | 4         | 115        | B-106         | 2         | M-520-H               | 4         | 200        | B-106         | 4         |
|                          | 350 MCM    | M-521         | 4         | 115        | B-106         | 2         | M-521-H               | 4         | 200        | B-106         | 4         |
|                          | 500 MCM    | M-523         | 4         | 150        | B-106         | 2         | M-523-H               | 4         | 250        | B-106         | 2         |
| 1"                       | 750 MCM    | M-524         | 4         | 250        | B-106         | 2         | M-524-H               | 5         | 2-200      | B-107         | 4         |
|                          | 1/0        | M-525         | 4         | 150        | B-106         | 2         | M-525-H               | 4         | 200        | B-106         | 4         |
|                          | 2/0        | M-526         | 4         | 150        | B-106         | 2         | M-526-H               | 4         | 200        | B-106         | 4         |
|                          | 3/0        | M-527         | 4         | 150        | B-106         | 2         | M-527-H               | 4         | 250        | B-106         | 4         |
|                          | 4/0        | M-528         | 4         | 150        | B-106         | 2         | M-528-H               | 4         | 250        | B-106         | 4         |
|                          | 250 MCM    | M-529         | 4         | 150        | B-106         | 2         | M-529-H               | 4         | 250        | B-106         | 4         |
|                          | 300 MCM    | M-530         | 4         | 200        | B-106         | 4         | M-530-H               | 5         | 2-150      | B-107         | 4         |
|                          | 350 MCM    | M-531         | 4         | 200        | B-106         | 2         | M-531-H               | 5         | 2-150      | B-107         | 4         |
|                          | 500 MCM    | M-533         | 4         | 200        | B-106         | 2         | M-533-H               | 5         | 2-150      | B-107         | 2         |
|                          | 750 MCM    | M-534         | 4         | 250        | B-106         | 4         | M-534-H               | 5         | 2-200      | B-107         | 4         |
|                          | 1000 MCM   | M-535         | 5         | 2-150      | B-107         | 4         | M-535-H               | 5         | 500        | B-107         | 4         |

- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- Molds listed are for copper clad ground rods. For welding to steel, stainless steel or galvanized steel ground rods add suffix "-N" to mold number.
- For molds with wear plates, see page 135.
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- Other recommended accessories;
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  - 40-0319-03 ~ Mold Cleaner for cartridge sizes #90-#500
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0330-00 ~ Cable Clamp

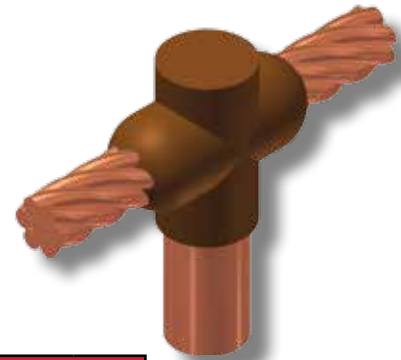
## NOTES

1. Molds listed are for copper clad steel ground rods: 1/2" rods are 0.475" diameter, 5/8" rods are 0.563" diameter, 3/4" rods are 0.682" diameter, and 1" rods are 0.914" diameter. **Undersized ground rods may require shim stock or packing material.**
2. Molds are available for galvanized steel, stainless steel, and solid copper rods that are sold by actual diameter. The suffix "-N" is added to the mold number, i.e. M-XXX-N is for full sized rods.
3. Molds are available for sectional/threaded copper clad steel ground rods. The suffix "-T" is added to the mold number, i.e. M-XXX-T is for a sectional/threaded ground rod.

## CR-2

### TYPE MOLDS

*Horizontal Cable to Ground Rod  
For AWG Conductors*



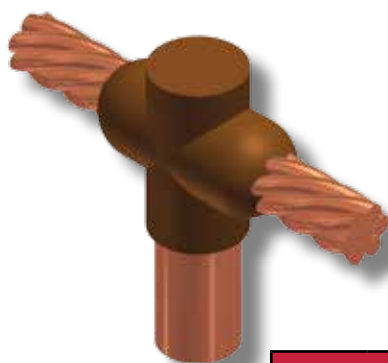
#### MOLDS FOR AWG CONDUCTORS

| Ground Rod Size | Cable Size | STANDARD CONNECTION |           |            |               |           | HEAVY DUTY CONNECTION |           |            |               |           |
|-----------------|------------|---------------------|-----------|------------|---------------|-----------|-----------------------|-----------|------------|---------------|-----------|
|                 |            | Mold #              | Price Key | Weld Metal | Handle Clamps | Lead Time | Mold #                | Price Key | Weld Metal | Handle Clamps | Lead Time |
| 1/2"            | #6         | M-5786              | 4         | 65         | B-106         | 2         | M-5786-H              | 4         | 90         | B-106         | 4         |
|                 | #4         | M-5388              | 4         | 90         | B-106         | 2         | M-5388-H              | 4         | 150        | B-106         | 4         |
|                 | #2         | M-537               | 4         | 90         | B-106         | 2         | M-537-H               | 4         | 150        | B-106         | 4         |
|                 | #1         | M-538               | 4         | 90         | B-106         | 2         | M-538-H               | 4         | 150        | B-106         | 4         |
|                 | 1/0        | M-539               | 4         | 90         | B-106         | 2         | M-539-H               | 4         | 150        | B-106         | 4         |
|                 | 2/0        | M-540               | 4         | 90         | B-106         | 2         | M-540-H               | 4         | 150        | B-106         | 2         |
|                 | 3/0        | M-541               | 4         | 115        | B-106         | 2         | M-541-H               | 4         | 200        | B-106         | 4         |
|                 | 4/0        | M-542               | 4         | 115        | B-106         | 2         | M-542-H               | 4         | 200        | B-106         | 2         |
|                 | 250 MCM    | M-543               | 4         | 150        | B-106         | 2         | M-543-H               | 4         | 250        | B-106         | 4         |
| 5/8"            | 300 MCM    | M-544               | 4         | 200        | B-106         | 4         | M-544-H               | 4         | 2-150      | B-106         | 4         |
|                 | #6         | M-5815              | 4         | 65         | B-106         | 2         | M-5815-H              | 4         | 115        | B-106         | 4         |
|                 | #4         | M-5915              | 4         | 90         | B-106         | 2         | M-5915-H              | 4         | 150        | B-106         | 4         |
|                 | #2         | M-545               | 4         | 90         | B-106         | SDS       | M-545-H               | 4         | 150        | B-106         | 2         |
|                 | #1         | M-546               | 4         | 90         | B-106         | 2         | M-546-H               | 4         | 150        | B-106         | 2         |
|                 | 1/0        | M-547               | 4         | 90         | B-106         | SDS       | M-547-H               | 4         | 150        | B-106         | 2         |
|                 | 2/0        | M-548               | 4         | 115        | B-106         | SDS       | M-548-H               | 4         | 200        | B-106         | 2         |
|                 | 3/0        | M-549               | 4         | 115        | B-106         | SDS       | M-549-H               | 4         | 200        | B-106         | 2         |
|                 | 4/0        | M-550               | 4         | 115        | B-106         | SDS       | M-550-H               | 4         | 200        | B-106         | 2         |
|                 | 250 MCM    | M-551               | 4         | 150        | B-106         | 2         | M-551-H               | 4         | 250        | B-106         | 4         |
|                 | 300 MCM    | M-552               | 4         | 200        | B-106         | 2         | M-552-H               | 5         | 2-150      | B-107         | 4         |
|                 | 350 MCM    | M-553               | 4         | 200        | B-106         | 2         | M-553-H               | 5         | 2-150      | B-107         | 4         |
|                 | 500 MCM    | M-555               | 4         | 250        | B-106         | 2         | M-555-H               | 5         | 2-200      | B-107         | 2         |

- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- Molds listed are for copper clad ground rods. For welding to steel, stainless steel or galvanized steel ground rods add suffix "-N" to mold number.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65
  - 40-0319-03 ~ Mold Cleaner for cartridge sizes #90-#500
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0330-00 ~ Cable Clamp

#### NOTES

1. Molds listed are for copper clad steel ground rods: 1/2" rods are 0.475" diameter, 5/8" rods are 0.563" diameter, 3/4" rods are 0.682" diameter, and 1" rods are 0.914" diameter. **Undersized ground rods may require shim stock or packing material.**
2. Molds are available for galvanized steel, stainless steel, and solid copper rods that are sold by actual diameter. The suffix "-N" is added to the mold number, i.e. M-XXX-N is for full sized rods.
3. Molds are available for sectional/threaded copper clad steel ground rods. The suffix "-T" is added to the mold number, i.e. M-XXX-T is for a sectional/threaded ground rod.



## CR-2

## TYPE MOLDS

*Horizontal Cable to Ground Rod  
For AWG Conductors*

| MOLDS FOR AWG CONDUCTORS |            |                     |           |            |               |           |                       |           |            |               |           |
|--------------------------|------------|---------------------|-----------|------------|---------------|-----------|-----------------------|-----------|------------|---------------|-----------|
| Ground Rod Size          | Cable Size | STANDARD CONNECTION |           |            |               |           | HEAVY DUTY CONNECTION |           |            |               |           |
|                          |            | Mold #              | Price Key | Weld Metal | Handle Clamps | Lead Time | Mold #                | Price Key | Weld Metal | Handle Clamps | Lead Time |
| 3/4"                     | #6         | M-5787              | 4         | 65         | B-106         | 2         | M-5787-H              | 4         | 115        | B-106         | 4         |
|                          | #4         | M-6201              | 4         | 90         | B-106         | 2         | M-6201-H              | 4         | 150        | B-106         | 4         |
|                          | #2         | M-556               | 4         | 90         | B-106         | 2         | M-556-H               | 4         | 150        | B-106         | 2         |
|                          | #1         | M-557               | 4         | 90         | B-106         | 2         | M-557-H               | 4         | 150        | B-106         | 4         |
|                          | 1/0        | M-558               | 4         | 115        | B-106         | 2         | M-558-H               | 4         | 200        | B-106         | 2         |
|                          | 2/0        | M-559               | 4         | 115        | B-106         | SDS       | M-559-H               | 4         | 200        | B-106         | 2         |
|                          | 3/0        | M-560               | 4         | 115        | B-106         | SDS       | M-560-H               | 4         | 200        | B-106         | 4         |
|                          | 4/0        | M-561               | 4         | 115        | B-106         | SDS       | M-561-H               | 4         | 200        | B-106         | 2         |
|                          | 250 MCM    | M-562               | 4         | 150        | B-106         | 2         | M-562-H               | 4         | 250        | B-106         | 2         |
|                          | 300 MCM    | M-563               | 4         | 200        | B-106         | 2         | M-563-H               | 5         | 2-150      | B-107         | 4         |
|                          | 350 MCM    | M-564               | 4         | 200        | B-106         | 2         | M-564-H               | 5         | 2-150      | B-107         | 4         |
|                          | 500 MCM    | M-566               | 4         | 250        | B-106         | 2         | M-566-H               | 5         | 2-200      | B-107         | 2         |
| 1"                       | 750 MCM    | M-567               | 5         | 2-200      | B-107         | 2         | M-567-H               | 5         | 3-200      | B-107         | 4         |
|                          | 1/0        | M-569               | 4         | 150        | B-106         | 2         | M-569-H               | 4         | 250        | B-106         | 4         |
|                          | 2/0        | M-570               | 4         | 150        | B-106         | 2         | M-570-H               | 4         | 250        | B-106         | 4         |
|                          | 3/0        | M-571               | 4         | 150        | B-106         | 2         | M-571-H               | 4         | 250        | B-106         | 4         |
|                          | 4/0        | M-572               | 4         | 150        | B-106         | 2         | M-572-H               | 4         | 250        | B-106         | 2         |
|                          | 250 MCM    | M-573               | 4         | 200        | B-106         | 2         | M-573-H               | 5         | 2-150      | B-107         | 4         |
|                          | 300 MCM    | M-574               | 4         | 200        | B-106         | 4         | M-574-H               | 5         | 2-150      | B-107         | 4         |
|                          | 350 MCM    | M-575               | 4         | 200        | B-106         | 2         | M-575-H               | 5         | 2-150      | B-107         | 4         |
|                          | 500 MCM    | M-577               | 4         | 250        | B-106         | 2         | M-577-H               | 5         | 2-200      | B-107         | 4         |
|                          | 750 MCM    | M-578               | 5         | 2-200      | B-107         | 4         | M-578-H               | 5         | 3-200      | B-107         | 4         |
|                          | 1000 MCM   | M-579               | 5         | 500        | B-107         | 4         | M-579-H               | 6         | 3-250      | B-107         | 2         |

- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- Molds listed are for copper clad ground rods. For welding to steel, stainless steel or galvanized steel ground rods add suffix "-N" to mold number.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65
  - 40-0319-03 ~ Mold Cleaner for cartridge sizes #90-#500
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0330-00 ~ Cable Clamp

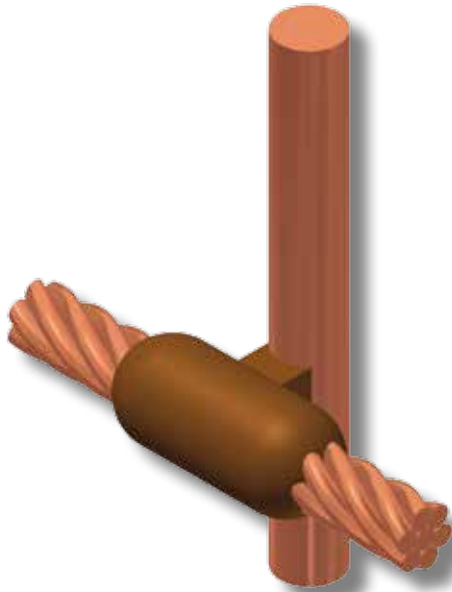
## NOTES

1. Molds listed are for copper clad steel ground rods: 1/2" rods are 0.475" diameter, 5/8" rods are 0.563" diameter, 3/4" rods are 0.682" diameter, and 1" rods are 0.914" diameter. **Undersized ground rods may require shim stock or packing material.**
2. Molds are available for galvanized steel, stainless steel, and solid copper rods that are sold by actual diameter. The suffix "-N" is added to the mold number, i.e. M-XXX-N is for full sized rods.
3. Molds are available for sectional/threaded copper clad steel ground rods. The suffix "-T" is added to the mold number, i.e. M-XXX-T is for a sectional/threaded ground rod.

## CR-3

### TYPE MOLDS

*Horizontal Thru Cable to Ground Rod  
For AWG Conductors*



Section 2 - Molds  
AWG Conductors

**MOLDS FOR AWG CONDUCTORS**

| Ground Rod Size | Cable Size | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
|-----------------|------------|--------|-----------|------------|---------------|-----------|
| 1/2"            | #6         | M-5321 | 24        | 65         | B-106         | 4         |
|                 | #4         | M-2154 | 24        | 90         | B-106         | 2         |
|                 | #2         | M-2155 | 24        | 90         | B-106         | 2         |
|                 | #1         | M-2156 | 24        | 115        | B-106         | 4         |
|                 | 1/0        | M-1581 | 24        | 115        | B-106         | 2         |
|                 | 2/0        | M-1582 | 24        | 115        | B-106         | 2         |
|                 | 4/0        | M-1583 | 24        | 150        | B-106         | 2         |
|                 | 250 MCM    | M-1584 | 24        | 150        | B-106         | 4         |
| 5/8"            | #6         | M-5660 | 24        | 65         | B-106         | 2         |
|                 | #4         | M-2157 | 24        | 90         | B-106         | 2         |
|                 | #2         | M-2158 | 24        | 90         | B-106         | 2         |
|                 | #1         | M-2159 | 24        | 115        | B-106         | 2         |
|                 | 1/0        | M-1586 | 24        | 115        | B-106         | 2         |
|                 | 2/0        | M-1587 | 24        | 115        | B-106         | SDS       |
|                 | 4/0        | M-1588 | 24        | 150        | B-106         | 2         |
|                 | 250 MCM    | M-1589 | 24        | 150        | B-106         | 2         |
|                 | 500 MCM    | M-1593 | 13        | 2-200      | B-107         | 2         |
| 3/4"            | #6         | M-6630 | 24        | 65         | B-106         | 2         |
|                 | #4         | M-2160 | 24        | 90         | B-106         | 2         |
|                 | #2         | M-2161 | 24        | 90         | B-106         | 2         |
|                 | #1         | M-2162 | 24        | 115        | B-106         | 2         |
|                 | 1/0        | M-1594 | 24        | 115        | B-106         | 2         |
|                 | 2/0        | M-1595 | 24        | 115        | B-106         | 2         |
|                 | 4/0        | M-1596 | 24        | 150        | B-106         | SDS       |
|                 | 250 MCM    | M-1597 | 24        | 200        | B-106         | 2         |
|                 | 500 MCM    | M-1601 | 13        | 500        | B-107         | 2         |
|                 | 750 MCM    | M-1602 | 13        | 3-250      | B-107         | 2         |
| 1"              | #6         | M-6906 | 24        | 90         | B-106         | 4         |
|                 | #4         | M-2163 | 24        | 90         | B-106         | 2         |
|                 | #2         | M-2164 | 24        | 90         | B-106         | 2         |
|                 | #1         | M-2165 | 24        | 115        | B-106         | 4         |
|                 | 1/0        | M-1603 | 24        | 115        | B-106         | 4         |
|                 | 2/0        | M-1604 | 24        | 115        | B-106         | 2         |
|                 | 4/0        | M-1605 | 24        | 150        | B-106         | 2         |
|                 | 250 MCM    | M-1606 | 24        | 200        | B-106         | 2         |
|                 | 500 MCM    | M-1610 | 13        | 500        | B-107         | 2         |
|                 | 750 MCM    | M-1611 | 13        | 3-250      | B-107         | 2         |

#### NOTES

- Molds listed are for copper clad steel ground rods: 1/2" rods are 0.475" diameter, 5/8" rods are 0.563" diameter, 3/4" rods are 0.682" diameter, and 1" rods are 0.914" diameter. Undersized ground rods may require shim stock or packing material.
- Molds are available for galvanized steel, stainless steel, and solid copper rods that are sold by actual diameter. The suffix "-N" is added to the mold number, i.e. M-XXX-N is for full sized rods.
- Molds are available for sectional/threaded copper clad steel ground rods. The suffix "-T" is added to the mold number, i.e. M-XXX-T is for a sectional/threaded ground rod.

- For sizes not listed, contact thermOweld®.**
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- Molds listed are for copper clad ground rods. For welding to steel, stainless steel or galvanized steel ground rods add suffix "-N" to mold number.
- For heavy duty connections, contact thermOweld®.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles) 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0304-00 ~ File
  - 38-0330-00 ~ Cable Clamp

## CR-17

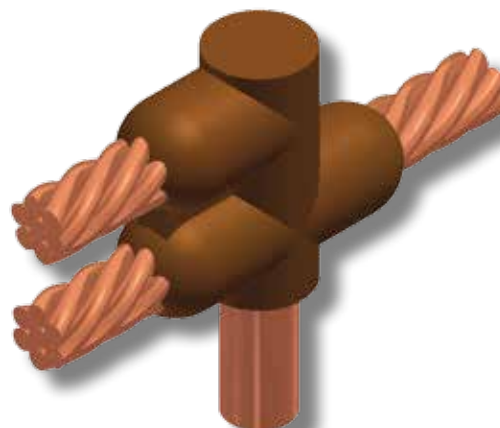
### TYPE MOLDS

*Horizontal Run and Tap Cables to Ground Rod For AWG Conductors*

| MOLDS FOR AWG CONDUCTORS |            |        |           |            |               |           |
|--------------------------|------------|--------|-----------|------------|---------------|-----------|
| Ground Rod Size          | Cable Size | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
| 1/2"                     | #4         | M-5416 | 4         | 90         | B-106         | 2         |
|                          | #2         | M-6165 | 4         | 90         | B-106         | 2         |
|                          | #1         | M-5830 | 4         | 90         | B-106         | 4         |
|                          | 1/0        | M-5940 | 4         | 115        | B-106         | 2         |
|                          | 2/0        | M-5850 | 4         | 150        | B-106         | 2         |
|                          | 3/0        | M-5833 | 4         | 200        | B-106         | 2         |
|                          | 4/0        | M-5380 | 4         | 200        | B-106         | 2         |
| 5/8"                     | #4         | M-5972 | 4         | 90         | B-106         | 2         |
|                          | #2         | M-5935 | 4         | 115        | B-106         | 2         |
|                          | #1         | M-5699 | 4         | 115        | B-106         | 2         |
|                          | 1/0        | M-5746 | 4         | 150        | B-106         | 2         |
|                          | 2/0        | M-5963 | 4         | 200        | B-106         | 2         |
|                          | 3/0        | M-5734 | 4         | 250        | B-106         | 2         |
|                          | 4/0        | M-5732 | 4         | 250        | B-106         | 2         |
| 3/4"                     | 250 MCM    | M-5722 | 5         | 2-150      | B-107         | 2         |
|                          | #4         | M-5698 | 4         | 90         | B-106         | 2         |
|                          | #2         | M-5294 | 4         | 115        | B-106         | 2         |
|                          | #1         | M-5390 | 4         | 115        | B-106         | 2         |
|                          | 1/0        | M-6025 | 4         | 150        | B-106         | 2         |
|                          | 2/0        | M-5738 | 4         | 200        | B-106         | 2         |
|                          | 3/0        | M-6003 | 4         | 250        | B-106         | 2         |
|                          | 4/0        | M-2566 | 4         | 250        | B-106         | 2         |
|                          | 250 MCM    | M-5904 | 5         | 2-150      | B-107         | 2         |
|                          | 300 MCM    | M-5857 | 5         | 2-200      | B-107         | 4         |
| 1"                       | 350 MCM    | M-5777 | 5         | 2-200      | B-107         | 2         |
|                          | 500 MCM    | M-5961 | 5         | 3-200      | B-107         | 2         |
|                          | #4         | M-5556 | 4         | 115        | B-106         | 4         |
|                          | #2         | M-5555 | 4         | 150        | B-106         | 2         |
|                          | #1         | M-6048 | 4         | 150        | B-106         | 4         |
|                          | 1/0        | M-5992 | 4         | 200        | B-106         | 4         |
|                          | 2/0        | M-5877 | 4         | 250        | B-106         | 4         |
|                          | 3/0        | M-5821 | 5         | 2-150      | B-107         | 4         |
|                          | 4/0        | M-5820 | 5         | 2-150      | B-107         | 2         |
|                          | 250 MCM    | M-5807 | 5         | 2-200      | B-107         | 4         |
|                          | 300 MCM    | M-5803 | 5         | 500        | B-107         | 4         |
|                          | 350 MCM    | M-5561 | 5         | 500        | B-107         | 4         |
|                          | 500 MCM    | M-5515 | 6         | 3-250      | B-107         | 4         |
|                          | 750 MCM    | M-5513 | 6         | 2-500      | B-107         | 4         |

TAP

RUN



Section 2 - Molds  
AWG Conductors

- **For sizes not listed, contact thermOweld®.**
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- Molds listed are for copper clad ground rods. For welding to steel, stainless steel or galvanized steel ground rods add suffix "-N" to mold number.
- For heavy duty connections, contact thermOweld®.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0304-00 ~ File
  - 38-0330-00 ~ Cable Clamp

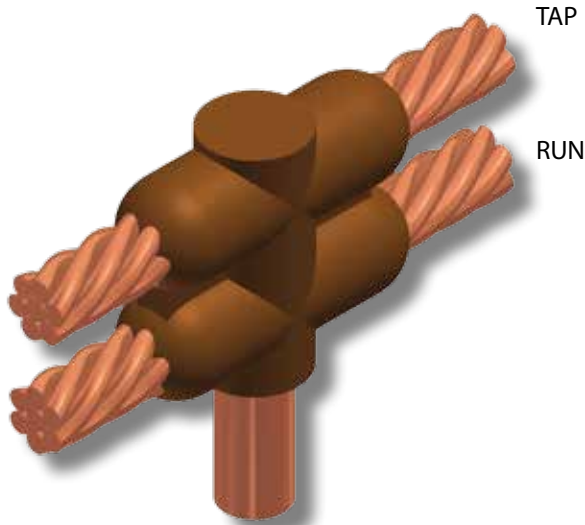
#### NOTES

1. Molds listed are for copper clad steel ground rods: 1/2" rods are 0.475" diameter, 5/8" rods are 0.563" diameter, 3/4" rods are 0.682" diameter, and 1" rods are 0.914" diameter. Undersized ground rods may require shim stock or packing material.
2. Molds are available for galvanized steel, stainless steel, and solid copper rods that are sold by actual diameter. The suffix "-N" is added to the mold number, i.e. M-XXX-N is for full sized rods.
3. Molds are available for sectional/threaded copper clad steel ground rods. The suffix "-T" is added to the mold number, i.e. M-XXX-T is for a sectional/threaded ground rod.

## CR-24

### TYPE MOLDS

*Horizontal Parallel Run Cables to Ground Rod For AWG Conductors*



Section 2 - Molds  
AWG Conductors

#### MOLDS FOR AWG CONDUCTORS

| Ground Rod Size | Cable Size | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
|-----------------|------------|--------|-----------|------------|---------------|-----------|
| 1/2"            | #4         | M-5640 | 4         | 115        | B-106         | 4         |
|                 | #2         | M-5667 | 4         | 115        | B-106         | 2         |
|                 | #1         | M-6002 | 4         | 115        | B-106         | 4         |
|                 | 1/0        | M-5767 | 4         | 150        | B-106         | 2         |
|                 | 2/0        | M-5604 | 4         | 200        | B-106         | 2         |
|                 | 3/0        | M-5560 | 4         | 250        | B-106         | 4         |
|                 | 4/0        | M-6766 | 4         | 250        | B-106         | 4         |
| 5/8"            | #4         | M-6208 | 4         | 115        | B-106         | 2         |
|                 | #2         | M-5702 | 4         | 150        | B-106         | 2         |
|                 | #1         | M-5517 | 4         | 150        | B-106         | 2         |
|                 | 1/0        | M-5573 | 4         | 200        | B-106         | 2         |
|                 | 2/0        | M-8451 | 4         | 250        | B-106         | 2         |
|                 | 3/0        | M-2510 | 5         | 2-150      | B-107         | 2         |
|                 | 4/0        | M-5428 | 5         | 2-150      | B-107         | 2         |
|                 | 250 MCM    | M-1212 | 5         | 2-200      | B-107         | 2         |
|                 | 300 MCM    | M-2084 | 5         | 500        | B-107         | 2         |
|                 | 350 MCM    | M-2558 | 5         | 500        | B-107         | 4         |
| 3/4"            | #4         | M-8011 | 4         | 115        | B-106         | 2         |
|                 | #2         | M-2320 | 4         | 150        | B-106         | 2         |
|                 | #1         | M-2235 | 4         | 150        | B-106         | 2         |
|                 | 1/0        | M-6051 | 4         | 200        | B-106         | 2         |
|                 | 2/0        | M-8802 | 4         | 250        | B-106         | 2         |
|                 | 3/0        | M-8726 | 5         | 2-150      | B-107         | 2         |
|                 | 4/0        | M-5677 | 5         | 2-150      | B-107         | 2         |
|                 | 250 MCM    | M-8461 | 5         | 2-200      | B-107         | 2         |
|                 | 300 MCM    | M-8428 | 5         | 500        | B-107         | 4         |
|                 | 350 MCM    | M-8294 | 5         | 500        | B-107         | 4         |
|                 | 500 MCM    | M-8214 | 5         | 3-250      | B-107         | 4         |
| 1"              | 750 MCM    | M-8027 | 6         | 2-500      | B-107         | 2         |
|                 | #4         | M-5330 | 4         | 150        | B-106         | 4         |
|                 | #2         | M-5332 | 4         | 200        | B-106         | 4         |
|                 | #1         | M-5333 | 4         | 200        | B-106         | 4         |
|                 | 1/0        | M-5334 | 4         | 250        | B-106         | 4         |
|                 | 2/0        | M-5335 | 5         | 2-150      | B-107         | 4         |
|                 | 3/0        | M-5336 | 5         | 2-200      | B-107         | 4         |
|                 | 4/0        | M-5337 | 5         | 2-200      | B-107         | 2         |
|                 | 250 MCM    | M-5338 | 5         | 500        | B-107         | 2         |
|                 | 300 MCM    | M-5341 | 5         | 3-200      | B-107         | 4         |
|                 | 350 MCM    | M-5351 | 5         | 3-200      | B-107         | 4         |
|                 | 500 MCM    | M-5352 | 6         | 2-500      | B-107         | 4         |

#### NOTES

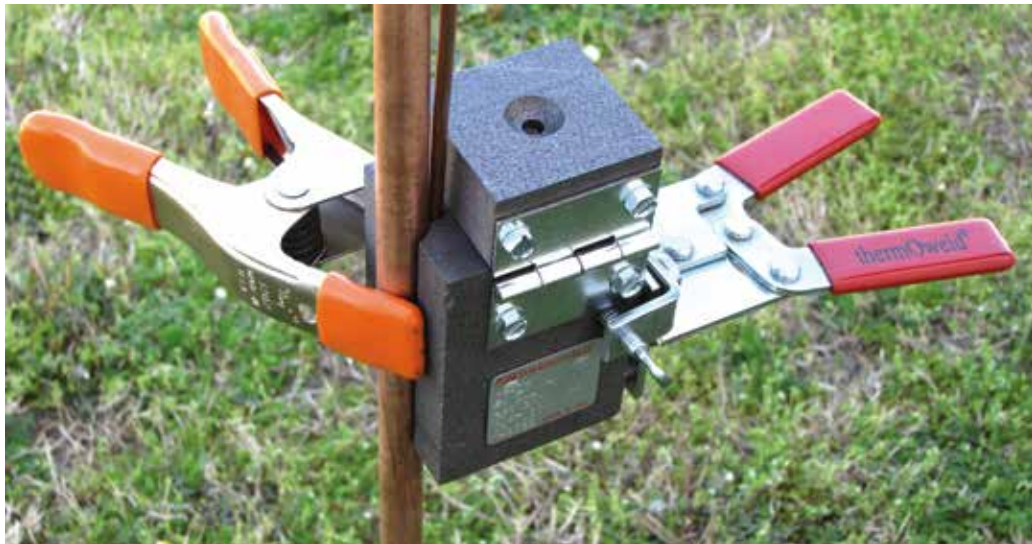
- Molds listed are for copper clad steel ground rods: 1/2" rods are 0.475" diameter, 5/8" rods are 0.563" diameter, 3/4" rods are 0.682" diameter, and 1" rods are 0.914" diameter. Undersized ground rods may require shim stock or packing material.
- Molds are available for galvanized steel, stainless steel, and solid copper rods that are sold by actual diameter. The suffix "-N" is added to the mold number, i.e. M-XXX-N is for full sized rods.
- Molds are available for sectional/threaded copper clad steel ground rods. The suffix "-T" is added to the mold number, i.e. M-XXX-T is for a sectional/threaded ground rod.

- For sizes not listed, contact thermOweld®.**
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- Molds listed are for copper clad ground rods. For welding to steel, stainless steel or galvanized steel ground rods add suffix "-N" to mold number.
- For heavy duty connections, contact thermOweld®.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles) 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0304-00 ~ File
  - 38-0330-00 ~ Cable Clamp

## CR-18 KITS

## CR-18 WIRE-TO-GROUND KITS

thermOweld® CR-18 Wire-to-Ground Kits are an economical way to make cable connections to a ground rod. The Kit's complete with everything required to make 60 connections. Included in the Starter Kits are (1) Mold complete with handle clamp, (1) spring handle clamp, (60) weld metal cartridges, (1) flint ignitor, (1) mold cleaner, (1) wire brush for cleaning the cable and ground rod, (1) mold cleaning brush and a metal tool box to keep everything in. Refill Kits come complete with (1) replacement mold and (60) weld metal cartridges.



| CR-18 WIRE-TO-GROUND KIT |                 |            |                                                           |
|--------------------------|-----------------|------------|-----------------------------------------------------------|
| Kit #                    | Ground Rod Size | Cable Size | Description                                               |
| 38-6662-01               | 1/2"            | #6 Sol     | Starter Kit †                                             |
| 38-6662-11               |                 | #6 Sol     | Refill Kit with (1) Mold M-10356-GS & (60) #25 weld metal |
| 38-6662-02               |                 | #4 Sol     | Starter Kit †                                             |
| 38-6662-12               |                 | #4 Sol     | Refill Kit with (1) Mold M-10358-GS & (60) #25 weld metal |
| 38-6662-03               | 5/8"            | #6 Sol     | Starter Kit †                                             |
| 38-6662-13               |                 | #6 Sol     | Refill Kit with (1) Mold M-10357-GS & (60) #25 weld metal |
| 38-6662-04               |                 | #4 Sol     | Starter Kit †                                             |
| 38-6662-14               |                 | #4 Sol     | Refill Kit with (1) Mold M-10359-GS & (60) #25 weld metal |
| 38-6662-05               | 3/4"            | #6 Sol     | Starter Kit †                                             |
| 38-6662-15               |                 | #6 Sol     | Refill Kit with (1) Mold M-10355-GS & (60) #25 weld metal |
| 38-6662-00               |                 | #4 Sol     | Starter Kit †                                             |
| 38-6662-10               |                 | #4 Sol     | Refill Kit with (1) Mold M-9962-GS & (60) #25 weld metal  |

† Starter Kits include (1) mold with handle clamp, (1) spring handle clamp, (60) weld metal cartridges, (1) flint ignitor, (1) mold cleaner, (1) wire brush and (1) mold cleaning brush all in a tool box.

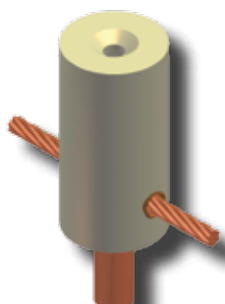
# SINGLE SHOT MOLD

## SINGLE SHOT MOLDS

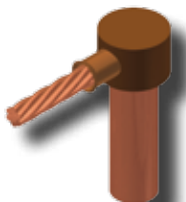
thermOweld® Single Shot Molds are an economical way to make cable connections to the top of a ground rod. The Single Shot is a disposable single use ceramic mold that includes the weld metal and disc. Flint ignitor or EZ Lite Adapter (See page 51) must be purchased separately.



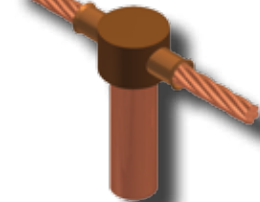
CR-1



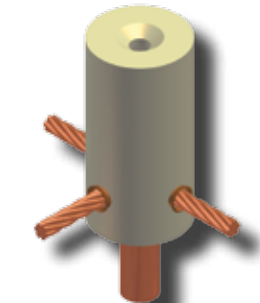
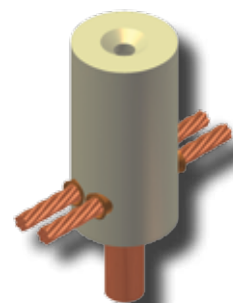
CR-2



CR-24



CR-25



| Grd Rod Size | Cable Size |          | Type | Mold # Std.* | Mold # Remote** | Lead Time |
|--------------|------------|----------|------|--------------|-----------------|-----------|
|              | Solid      | Stranded |      |              |                 |           |
| 1/2"         | #6, #8     | #8       | CR-1 | M-2009       | M-2009-EZ       | 4         |
|              | #3, #4     | #4, #6   | CR-1 | M-2010       | M-2010-EZ       | 4         |
|              | #1, #2     | #2, #3   | CR-1 | M-2011       | M-2011-EZ       | 4         |
|              | #6, #8     | #8       | CR-2 | M-2024       | M-2024-EZ       | 4         |
|              | #3, #4     | #4, #6   | CR-2 | M-2025       | M-2025-EZ       | 4         |
|              | #1, #2     | #2, #3   | CR-2 | M-2026       | M-2026-EZ       | 4         |

| Grd Rod Size | Cable Size |          | Type  | Mold # Std.* | Mold # Remote** | Lead Time |
|--------------|------------|----------|-------|--------------|-----------------|-----------|
|              | Solid      | Stranded |       |              |                 |           |
| 5/8"         | #6, #8     | #8       | CR-1  | M-2012       | M-2012-EZ       | SDS       |
|              | #3, #4     | #4, #6   | CR-1  | M-2013       | M-2013-EZ       | SDS       |
|              | #1, #2     | #2, #3   | CR-1  | M-2014       | M-2014-EZ       | SDS       |
|              | 2/0, 1/0   | 1/0, #1  | CR-1  | M-2015       | M-2015-EZ       | SDS       |
|              |            | 2/0      | CR-1  | M-2016       | M-2016-EZ       | 4         |
|              | #6, #8     | #8       | CR-2  | M-2027       | M-2027-EZ       | SDS       |
|              | #3, #4     | #4, #6   | CR-2  | M-2028       | M-2028-EZ       | 4         |
|              | #1, #2     | #2, #3   | CR-2  | M-2029       | M-2029-EZ       | SDS       |
|              | 2/0, 1/0   | 1/0, #1  | CR-2  | M-2030       | M-2030-EZ       | 4         |
|              | #6, #8     | #8       | CR-24 | M-2105       | M-2105-EZ       | 4         |
|              | #3, #4     | #4, #6   | CR-24 | M-2106       | M-2106-EZ       | 4         |
|              | #1, #2     | #2, #3   | CR-24 | M-2107       | M-2107-EZ       | SDS       |
|              | #6, #8     | #8       | CR-25 | M-2006       | M-2006-EZ       | SDS       |
|              | #3, #4     | #4, #6   | CR-25 | M-2007       | M-2007-EZ       | 4         |
|              | #1, #2     | #2, #3   | CR-25 | M-2008       | M-2008-EZ       | SDS       |

| Grd Rod Size | Cable Size |          | Type  | Mold # Std.* | Mold # Remote** | Lead Time |
|--------------|------------|----------|-------|--------------|-----------------|-----------|
|              | Solid      | Stranded |       |              |                 |           |
| 3/4"         | #6, #8     | #8       | CR-1  | M-2017       | M-2017-EZ       | SDS       |
|              | #3, #4     | #4, #6   | CR-1  | M-2018       | M-2018-EZ       | SDS       |
|              | #1, #2     | #2, #3   | CR-1  | M-2019       | M-2019-EZ       | 4         |
|              | 2/0, 1/0   | 1/0, #1  | CR-1  | M-2020       | M-2020-EZ       | 4         |
|              |            | 2/0      | CR-1  | M-2021       | M-2021-EZ       | SDS       |
|              | #6, #8     | #8       | CR-2  | M-2031       | M-2031-EZ       | 4         |
|              | #3, #4     | #4, #6   | CR-2  | M-2032       | M-2032-EZ       | SDS       |
|              | #1, #2     | #2, #3   | CR-2  | M-2033       | M-2033-EZ       | 4         |
|              | 2/0, 1/0   | 1/0, #1  | CR-2  | M-2034       | M-2034-EZ       | 4         |
|              | #6, #8     | #8       | CR-24 | M-2108       | M-2108-EZ       | 4         |
|              | #3, #4     | #4, #6   | CR-24 | M-2109       | M-2109-EZ       | 4         |
|              | #1, #2     | #2, #3   | CR-24 | M-2110       | M-2110-EZ       | 4         |
|              | #6, #8     | #8       | CR-25 | M-2068       | M-2068-EZ       | 4         |
|              | #3, #4     | #4, #6   | CR-25 | M-2069       | M-2069-EZ       | 4         |
|              | #1, #2     | #2, #3   | CR-25 | M-2070       | M-2070-EZ       | 4         |

\* Standard ignition

\*\*EZ Lite Remote® ignition, Battery Unit and Adapter sold separately.

# SINGLE SHOT MOLD

## EZ Lite Remote® Adapter

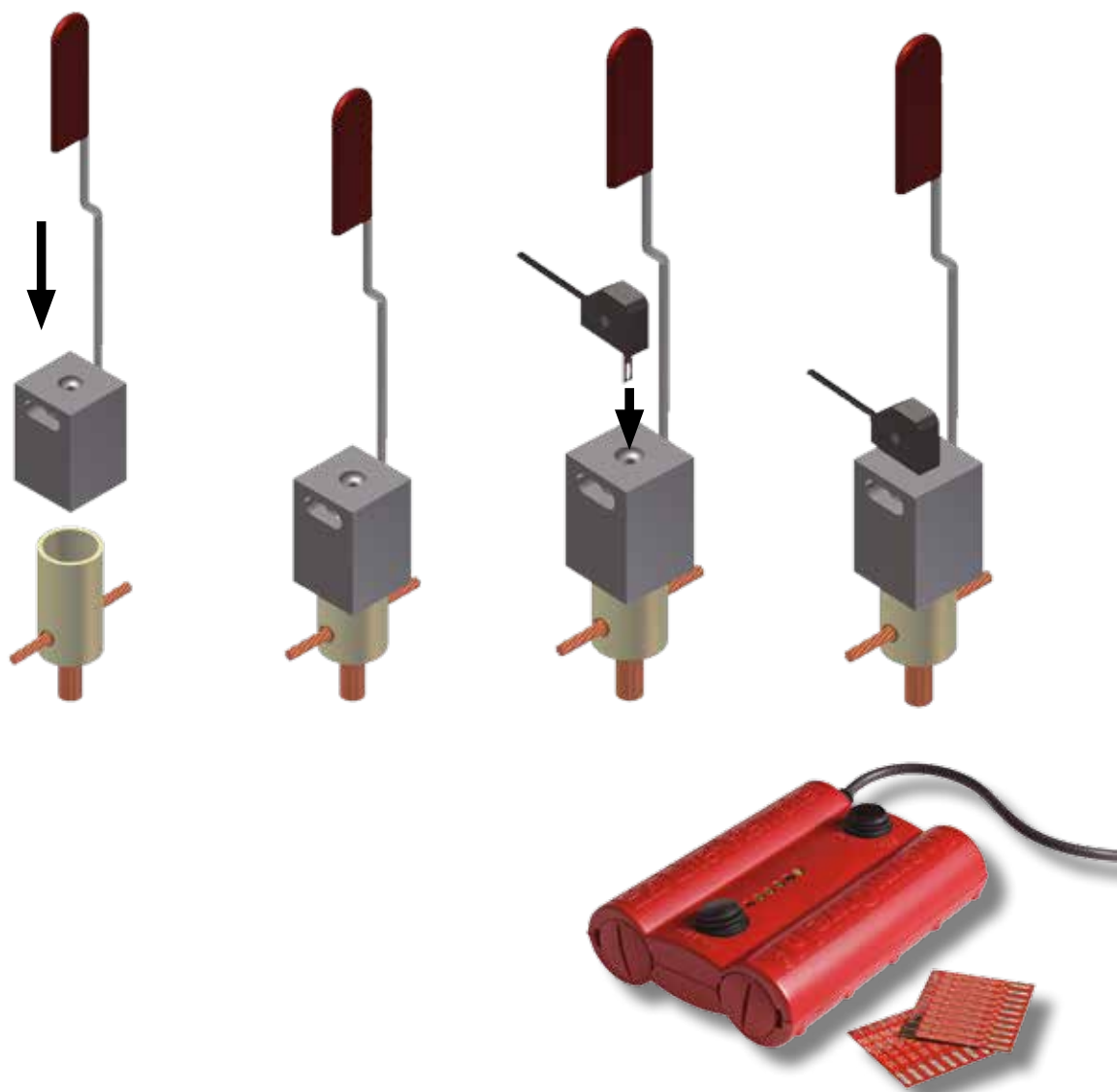
Follow steps 1 thru 10 in the Welding Instructions "Weld Procedures" that comes with the Single Shot Mold for proper installation of mold onto ground rod and how to place weld metal into mold.

Replace step 11 in the Welding Instructions "Weld Procedures" with the following;

11. Discard ceramic lid included with mold. Slide EZ Lite Remote® Single Shot Adapter over mold as shown.

Continue the instructions steps 12 through 14 in the Welding Instructions "Weld Procedures" that comes with the Single Shot Mold to complete weld.

Part Number: 38-EZLT-SS



## RR-1

### TYPE MOLDS

Ground Rod to Ground Rod



| Ground Rod Size | Mold #  | Price Key | Weld Metal | Handle Clamps | Lead Time |
|-----------------|---------|-----------|------------|---------------|-----------|
| 1/2"            | M-581-H | 4         | 250        | B-106         | 2         |
| 5/8"            | M-582-H | 5         | 2-150      | B-107         | 2         |
| 3/4"            | M-583-H | 5         | 2-200      | B-107         | 2         |
| 1"              | M-584-H | 6         | 3-250      | B-107         | 2         |

- **For sizes not listed, contact thermOweld®.**
- Molds listed are for copper clad ground rods. For welding to steel, stainless steel or galvanized steel ground rods add suffix "-N" to mold number.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0304-00 ~ File

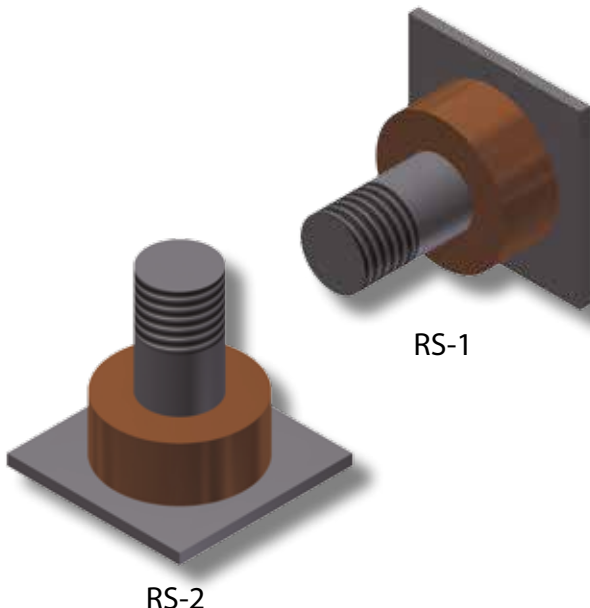
#### NOTES

1. .475" actual diameter. For full 1/2" (.500) ground rod and roll-threaded rod, add suffix "-N" to mold number, i.e. M-581-HN is full 1/2" diameter ground rod or roll-threaded rod to 4/0 Str cable. **Undersized ground rods may require shim stock or packing material.**
2. .563" actual diameter. For full 5/8" (.625) ground rod and roll-threaded rod, add suffix "-N" to mold number, i.e. M-582-HN is full 5/8" diameter ground rod or roll-threaded rod to 4/0 Str cable.
3. .682" actual diameter. For full 3/4" (.750) ground rod and roll-threaded rod, add suffix "-N" to mold number, i.e. M-583-HN is full 3/4" diameter ground rod or roll-threaded rod to 4/0 Str. cable.
4. .914" actual diameter. For full 1" (1.00) ground rod and roll-threaded rod, add suffix "-N" to mold number, i.e. M-584-HN is full 1" diameter ground rod or roll-threaded rod to 4/0 Str. cable.

## RS-1/RS-2

### TYPE MOLDS

Horizontal and Vertical Stud to Steel



| Stud Size | Type RS-1 | Type RS-2 | Price Key | Weld Metal | Handle Clamps | Lead Time |
|-----------|-----------|-----------|-----------|------------|---------------|-----------|
| 1/4"      | M-1880    | M-1886    | 4         | 25         | B-106         | 2         |
| 5/16"     | M-1881    | M-1887    | 4         | 25         | B-106         | 4         |
| 3/8"      | M-1882    | M-1888    | 4         | 45         | B-106         | 2         |
| 1/2"      | M-1883    | M-1889    | 4         | 65         | B-106         | 2         |
| 3/4"      | M-1884    | M-1890    | 4         | 150        | B-106         | 2         |
| 1"        | M-1885    | M-1891    | 4         | 250        | B-106         | 2         |

- **For sizes not listed, contact thermOweld®.**
- For heavy duty connections, contact thermOweld®.
- Molds for copper studs available, contact thermOweld®.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0101-00 ~ Rasp

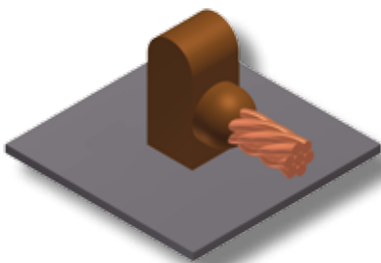
## CS-1

### TYPE MOLDS

*Horizontal Cable to Horizontal Steel Surface*

*For AWG Conductors*

Note that the cable is **OFF** the surface



| MOLDS FOR AWG CONDUCTORS |                     |           |            |               |           |                       |           |            |               |           |
|--------------------------|---------------------|-----------|------------|---------------|-----------|-----------------------|-----------|------------|---------------|-----------|
| Cable Size               | STANDARD CONNECTION |           |            |               |           | HEAVY DUTY CONNECTION |           |            |               |           |
|                          | Mold #              | Price Key | Weld Metal | Handle Clamps | Lead Time | Mold #                | Price Key | Weld Metal | Handle Clamps | Lead Time |
| 1/0                      | M-644               | 4         | 90         | B-106         | 2         | M-644-H               | 4         | 150        | B-106         | 2         |
| 2/0                      | M-645               | 4         | 90         | B-106         | 2         | M-645-H               | 4         | 150        | B-106         | 2         |
| 3/0                      | M-646               | 4         | 115        | B-106         | 2         | M-646-H               | 4         | 200        | B-106         | 2         |
| 4/0                      | M-647               | 4         | 115        | B-106         | SDS       | M-647-H               | 4         | 200        | B-106         | 2         |
| 250 MCM                  | M-648               | 4         | 115        | B-106         | 2         | M-648-H               | 4         | 200        | B-106         | 2         |
| 300 MCM                  | M-649               | 4         | 150        | B-106         | 2         | M-649-H               | 4         | 250        | B-106         | 2         |
| 350 MCM                  | M-650               | 4         | 200        | B-106         | 2         | M-650-H               | 5         | 2-150      | B-107         | 4         |
| 500 MCM                  | M-652               | 4         | 200        | B-106         | 2         | M-652-H               | 5         | 2-150      | B-107         | 2         |
| 750 MCM                  | M-653               | 5         | 2-150      | B-107         | 2         | M-653-H               | 5         | 500        | B-107         | 4         |
| 1000 MCM                 | M-654               | 5         | 2-200      | B-107         | 4         | M-654-H               | 5         | 3-200      | B-107         | 4         |

## CS-8

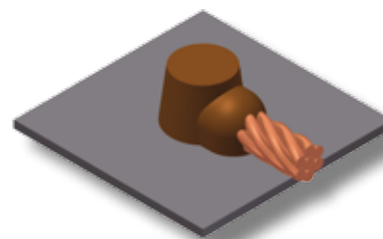
### TYPE MOLDS

*Horizontal Cable to Horizontal Steel Surface*

*For AWG Conductors.*

Note that the cable is **ON** the surface

| MOLDS FOR AWG CONDUCTORS |         |           |            |               |           |
|--------------------------|---------|-----------|------------|---------------|-----------|
| Cable Size               | Mold #  | Price Key | Weld Metal | Handle Clamps | Lead Time |
| #6                       | M-628   | 3†        | 45         | Included      | 2         |
| #4                       | M-629   | 3†        | 45         | Included      | 2         |
| #2                       | M-630   | 3†        | 45         | Included      | 2         |
| #2                       | M-630-S | 3†        | 45         | Included      | SDS       |
| #1                       | M-631   | 3†        | 65         | Included      | 2         |
| 1/0                      | M-7146  | 4         | 90         | B-106         | 2         |
| 2/0                      | M-7075  | 4         | 90         | B-106         | 2         |
| 3/0                      | M-2199  | 4         | 115        | B-106         | 2         |
| 4/0                      | M-6114  | 4         | 115        | B-106         | 2         |
| 250 MCM                  | M-2200  | 4         | 115        | B-106         | 2         |
| 300 MCM                  | M-2506  | 4         | 150        | B-106         | 2         |
| 350 MCM                  | M-2507  | 4         | 200        | B-106         | 2         |
| 500 MCM                  | M-2509  | 4         | 200        | B-106         | 2         |
| 750 MCM                  | M-2542  | 5         | 2-150      | B-107         | 2         |
| 1000 MCM                 | M-2511  | 5         | 2-200      | B-107         | 4         |



- **For sizes not listed, contact thermOweld®.**
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - † ~ Sold complete with frame
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65 (Price Key 3, CS-8 Molds Only)
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0101-00 ~ Rasp
  - 38-4129-00 ~ Packing Material for 1/0 & Larger Molds (CS-8 Molds Only)

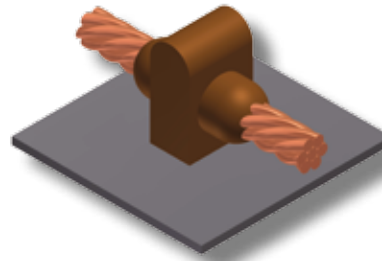
**Welding to Horizontal Pipe:** To weld to horizontal pipe, add pipe size to mold number. Example: To weld 4/0 str cable to 6" horizontal pipe, the mold number would be M-647-6. To weld #1 cable or smaller to pipe 14" and larger, use flat surface mold. For 1/0 cable and larger, use flat surface mold only on pipe 30" and larger.

## CS-2

### TYPE MOLDS

#### Horizontal Thru Cable to Horizontal Steel Surface For AWG Conductors

Note that the cable is **OFF** the surface



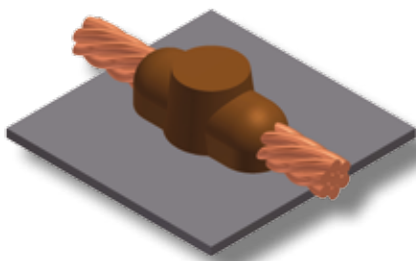
| MOLDS FOR AWG CONDUCTORS |                           |           |            |               |           |                       |           |            |               |           |
|--------------------------|---------------------------|-----------|------------|---------------|-----------|-----------------------|-----------|------------|---------------|-----------|
| Cable Size               | STANDARD CONNECTION       |           |            |               |           | HEAVY DUTY CONNECTION |           |            |               |           |
|                          | Mold #                    | Price Key | Weld Metal | Handle Clamps | Lead Time | Mold #                | Price Key | Weld Metal | Handle Clamps | Lead Time |
| 1/0                      | M-616                     | 4         | 90         | B-106         | 2         | M-616-H               | 4         | 150        | B-106         | 4         |
| 2/0                      | M-617                     | 4         | 115        | B-106         | 2         | M-617-H               | 4         | 200        | B-106         | 4         |
| 3/0                      | M-618                     | 4         | 115        | B-106         | 2         | M-618-H               | 4         | 200        | B-106         | 4         |
| 4/0                      | M-619                     | 4         | 150        | B-106         | 2         | M-619-H               | 4         | 250        | B-106         | 2         |
| 250 MCM                  | M-620                     | 4         | 150        | B-106         | 2         | M-620-H               | 4         | 250        | B-106         | 4         |
| 300 MCM                  | M-621                     | 4         | 200        | B-106         | 2         | M-621-H               | 5         | 2-150      | B-107         | 4         |
| 350 MCM                  | M-622                     | 4         | 250        | B-106         | 4         | M-622-H               | 5         | 2-200      | B-107         | 4         |
| 500 MCM                  | M-624                     | 5         | 2-150      | B-107         | 2         | M-624-H               | 5         | 500        | B-107         | 4         |
| 750 MCM                  | Use Heavy Duty Connection |           |            |               |           | M-625-H               | 5         | 3-250      | B-107         | 4         |
| 1000 MCM                 |                           |           |            |               |           | M-626-H               | 5         | 2-500      | B-107         | 4         |

## CS-9

### TYPE MOLDS

#### Horizontal Thru Cable to Horizontal Steel Surface For AWG Conductors

Note that the cable is **ON** the surface



| MOLDS FOR AWG CONDUCTORS |        |           |            |               |           |
|--------------------------|--------|-----------|------------|---------------|-----------|
| Cable Size               | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
| #6                       | M-602  | 3†        | 45         | Included      | 2         |
| #4                       | M-603  | 3†        | 45         | Included      | 2         |
| #2                       | M-604  | 3†        | 45         | Included      | 2         |
| #1                       | M-605  | 3†        | 65         | Included      | 4         |
| 1/0                      | M-8379 | 4         | 90         | B-106         | 2         |
| 2/0                      | M-5331 | 4         | 115        | B-106         | 2         |
| 3/0                      | M-8381 | 4         | 115        | B-106         | 2         |
| 4/0                      | M-7192 | 4         | 150        | B-106         | 2         |
| 250 MCM                  | M-8413 | 4         | 150        | B-106         | 2         |
| 300 MCM                  | M-8423 | 4         | 200        | B-106         | 4         |
| 350 MCM                  | M-8410 | 4         | 250        | B-106         | 4         |
| 500 MCM                  | M-5065 | 5         | 2-150      | B-107         | 2         |

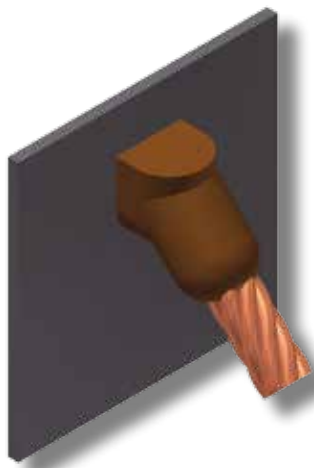
- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - † ~ Sold complete with frame
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65 (Price Key 3, CS-9 Molds Only)
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0101-00 ~ Rasp
  - 38-4129-00 ~ Packing Material for 1/0 & Larger Molds (CS-9 Molds Only)

**Welding to Horizontal Pipe:** To weld to horizontal pipe, add pipe size to mold number. Example: To weld 4/0 str cable to 6" horizontal pipe, the mold number would be M-619-6. To weld #1 cable or smaller to pipe 14" and larger, use flat surface mold. For 1/0 cable and larger, use flat surface mold only on pipe 30" and larger.

## CS-3

## TYPE MOLDS

*Angular Cable Drop to Vertical Steel Surface  
For AWG Conductors*



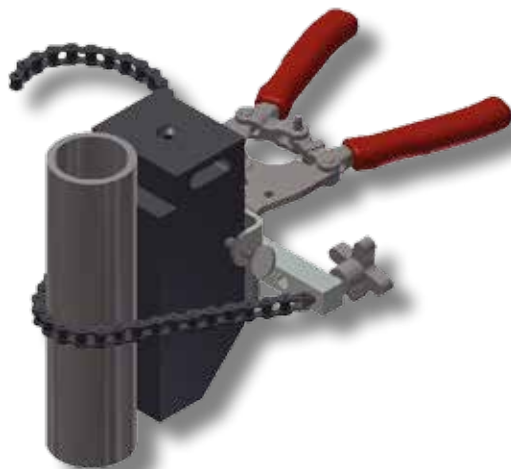
| MOLDS FOR AWG CONDUCTORS |                     |           |            |               |           |                       |           |            |               |           |
|--------------------------|---------------------|-----------|------------|---------------|-----------|-----------------------|-----------|------------|---------------|-----------|
| Cable Size               | STANDARD CONNECTION |           |            |               |           | HEAVY DUTY CONNECTION |           |            |               |           |
|                          | Mold #              | Price Key | Weld Metal | Handle Clamps | Lead Time | Mold #                | Price Key | Weld Metal | Handle Clamps | Lead Time |
| #6                       | M-585               | 4         | 45         | B-106         | 2         | M-585-H               | 4         | 65         | B-106         | 2         |
| #4                       | M-586               | 4         | 45         | B-106         | 2         | M-586-H               | 4         | 65         | B-106         | 2         |
| #2                       | M-588               | 4         | 45         | B-106         | SDS       | M-588-H               | 4         | 90         | B-106         | 2         |
| #1                       | M-589               | 4         | 65         | B-106         | 2         | M-589-H               | 4         | 115        | B-106         | 2         |
| 1/0                      | M-590               | 4         | 90         | B-106         | SDS       | M-590-H               | 4         | 150        | B-106         | 2         |
| 2/0                      | M-591               | 4         | 90         | B-106         | SDS       | M-591-H               | 4         | 150        | B-106         | 2         |
| 3/0                      | M-592               | 4         | 115        | B-106         | 2         | M-592-H               | 4         | 200        | B-106         | 4         |
| 4/0                      | M-593               | 4         | 115        | B-106         | SDS       | M-593-H               | 4         | 200        | B-106         | 2         |
| 250 MCM                  | M-594               | 4         | 115        | B-106         | 2         | M-594-H               | 4         | 200        | B-106         | 2         |
| 300 MCM                  | M-595               | 4         | 150        | B-106         | 2         | M-595-H               | 4         | 250        | B-106         | 4         |
| 350 MCM                  | M-596               | 4         | 200        | B-106         | 2         | M-596-H               | 4         | 250        | B-106         | 4         |
| 500 MCM                  | M-598               | 4         | 200        | B-106         | 2         | M-598-H               | 5         | 2-150      | B-107         | 2         |
| 750 MCM                  | M-599               | 5         | 2-150      | B-107         | 2         | M-599-H               | 5         | 500        | B-107         | 4         |
| 1000 MCM                 | M-600               | 5         | 2-200      | B-107         | 2         | M-600-H               | 5         | 3-200      | B-107         | 4         |

- **For sizes not listed, contact thermOweld®.**
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0106-32 ~ Vertical Chain Clamp w/ B-106 Handles
  - 40-0107-32 ~ Vertical Chain Clamp w/ B-107 Handles
  - 40-4431-00 ~ Magnetic Handle Clamp w/ B-106 Handles
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0101-00 ~ Rasp

## CS-3

### TYPE MOLDS

*Angular Cable Drop to Vertical Steel Pipe  
For AWG Conductors*



Use 40-0106-32 Vertical Chain Clamps  
to help hold mold to pipe

#### MOLDS FOR AWG CONDUCTORS

| Cable Size | Pipe Size    | Mold #    | Price Key | Weld Metal | Handle Clamps | Lead Time |
|------------|--------------|-----------|-----------|------------|---------------|-----------|
| #4         | 1 1/4" to 4" | M-2476    | 4         | 45         | B-106         | 2         |
|            | 4" to 6"     | M-2477    | 4         | 45         | B-106         | 2         |
|            | 6" to 10"    | M-2478    | 4         | 45         | B-106         | 2         |
|            | 12" & up     | M-586 ‡   | 4         | 45         | B-106         | 2         |
| #2 Sol     | 1 1/4" to 4" | M-9233-S  | 4         | 45         | B-106         | SDS       |
|            | 4" to 6"     | M-2480-S  | 4         | 45         | B-106         | 2         |
|            | 6" to 10"    | M-2583-S  | 4         | 45         | B-106         | 2         |
|            | 12" & up     | M-588-S ‡ | 4         | 45         | B-106         | SDS       |
| #2         | 1 1/4" to 4" | M-9233    | 4         | 45         | B-106         | SDS       |
|            | 4" to 6"     | M-2480    | 4         | 45         | B-106         | 2         |
|            | 6" to 10"    | M-2583    | 4         | 45         | B-106         | 2         |
|            | 12" & up     | M-588 ‡   | 4         | 45         | B-106         | SDS       |
| #1         | 1 1/4" to 4" | M-2482    | 4         | 65         | B-106         | 2         |
|            | 4" to 6"     | M-2483    | 4         | 65         | B-106         | 2         |
|            | 6" to 10"    | M-2484    | 4         | 65         | B-106         | 2         |
|            | 12" & up     | M-589 ‡   | 4         | 65         | B-106         | 2         |
| 1/0        | 1 1/4" to 4" | M-2486    | 4         | 90         | B-106         | 2         |
|            | 4" to 6"     | M-2487    | 4         | 90         | B-106         | 2         |
|            | 6" to 10"    | M-2488    | 4         | 90         | B-106         | 2         |
|            | 12" & up     | M-590 ‡   | 4         | 90         | B-106         | SDS       |
| 2/0        | 1 1/4" to 4" | M-8833    | 4         | 90         | B-106         | SDS       |
|            | 4" to 6"     | M-2490    | 4         | 90         | B-106         | 2         |
|            | 6" to 10"    | M-2491    | 4         | 90         | B-106         | 2         |
|            | 12" & up     | M-591 ‡   | 4         | 90         | B-106         | SDS       |
| 3/0        | 1 1/4" to 4" | M-2493    | 4         | 115        | B-106         | 2         |
|            | 4" to 6"     | M-2494    | 4         | 115        | B-106         | 2         |
|            | 6" to 10"    | M-2495    | 4         | 115        | B-106         | 2         |
|            | 12" & up     | M-592 ‡   | 4         | 115        | B-106         | 2         |
| 4/0        | 1 1/4" to 4" | M-9021    | 4         | 115        | B-106         | SDS       |
|            | 4" to 6"     | M-2497    | 4         | 115        | B-106         | 2         |
|            | 6" to 10"    | M-2498    | 4         | 115        | B-106         | 2         |
|            | 12" & up     | M-593 ‡   | 4         | 115        | B-106         | SDS       |

- **For sizes not listed, contact thermOweld®.**
  - Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
  - For molds with wear plates, see page 135.
  - For expedited service, contact thermOweld®.
  - To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
  - Required Tools;
    - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
    - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
  - Other recommended accessories;
    - 40-0106-32 ~ Vertical Chain Clamp w/ B-106 Handles for 4" Pipe & smaller
    - 40-0106-27 ~ 20" Chain Extension for 4" to 10" Pipe
    - Use (2) 20" Chain Extensions for pipe sizes between 10" and 16"
    - 40-4431-00 ~ Magnetic Handle Clamp w/ B-106 Handles
    - 38-3922-00 ~ Mold Cleaning Brush
    - 38-0135-00 ~ Cable Cleaning Brush
    - 38-0101-00 ~ Rasp
- ‡ Flat Surface Mold

## CS-23

## TYPE MOLDS

Vertical Cable Drop to Vertical Steel Surface

For AWG Conductors

Note that the cable is **OFF** the surface

| MOLDS FOR AWG CONDUCTORS |                     |           |            |               |           |                       |           |            |               |           |
|--------------------------|---------------------|-----------|------------|---------------|-----------|-----------------------|-----------|------------|---------------|-----------|
| Cable Size               | STANDARD CONNECTION |           |            |               |           | HEAVY DUTY CONNECTION |           |            |               |           |
|                          | Mold #              | Price Key | Weld Metal | Handle Clamps | Lead Time | Mold #                | Price Key | Weld Metal | Handle Clamps | Lead Time |
| #6                       | M-5389              | 4         | 45         | B-106         | 2         | M-5389-H              | 4         | 90         | B-106         | 4         |
| #4                       | M-5359              | 4         | 65         | B-106         | 2         | M-5359-H              | 4         | 115        | B-106         | 2         |
| #2                       | M-2781              | 4         | 65         | B-106         | 2         | M-2781-H              | 4         | 115        | B-106         | 2         |
| #2 Sol                   | M-2781-S            | 4         | 65         | B-106         | SDS       | M-2781-HS             | 4         | 115        | B-106         | 2         |
| #1                       | M-5361              | 4         | 90         | B-106         | 4         | M-5361-H              | 4         | 150        | B-106         | 4         |
| 1/0                      | M-2189              | 4         | 115        | B-106         | 2         | M-2189-H              | 4         | 200        | B-106         | 2         |
| 2/0                      | M-2540              | 4         | 115        | B-106         | SDS       | M-2540-H              | 4         | 200        | B-106         | 2         |
| 3/0                      | M-5362              | 4         | 150        | B-106         | 2         | M-5362-H              | 4         | 250        | B-106         | 2         |
| 4/0                      | M-8718              | 4         | 150        | B-106         | SDS       | M-8718-H              | 4         | 250        | B-106         | 2         |
| 250 MCM                  | M-8165              | 4         | 200        | B-106         | 2         | M-8165-H              | 17        | 2-150      | B-106         | 4         |
| 300 MCM                  | M-5363              | 4         | 200        | B-106         | 2         | M-5363-H              | 17        | 2-150      | B-106         | 2         |
| 350 MCM                  | M-9029              | 4         | 250        | B-106         | 2         | M-9029-H              | 5         | 2-200      | B-107         | 4         |
| 500 MCM                  | M-8512              | 17        | 2-150      | B-106         | 2         | M-8512-H              | 6         | 500        | B-107         | 2         |

- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0106-32 ~ Vertical Chain Clamp w/ B-106 Handles for 4" Pipe & smaller
  - 40-0106-27 ~ 20" Chain Extension for 4" to 10" Pipe
  - Use (2) 20" Chain Extensions for pipe sizes between 10" and 16"
  - 40-4431-00 ~ Magnetic Handle Clamp w/ B-106 Handles
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0101-00 ~ Rasp

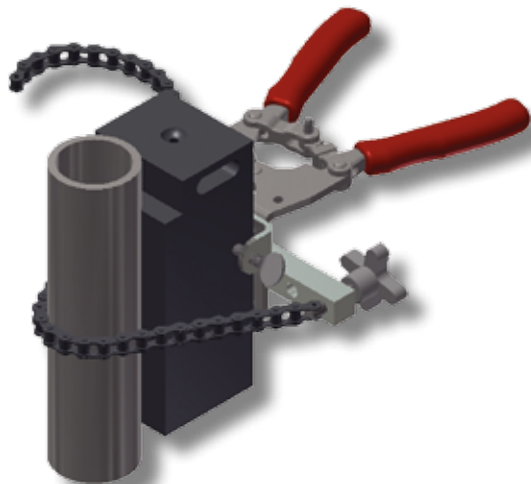
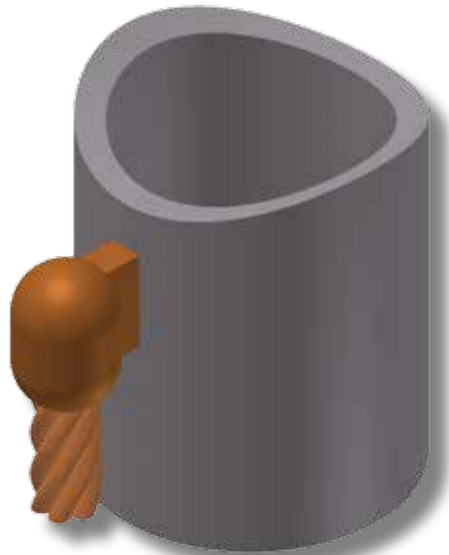
## CS-23

### TYPE MOLDS

#### Vertical Cable Drop to Vertical Steel Pipe

#### For AWG Conductors

Note that the cable is **OFF** the surface



Use 40-0106-32 Vertical Chain Clamps to help hold mold to pipe

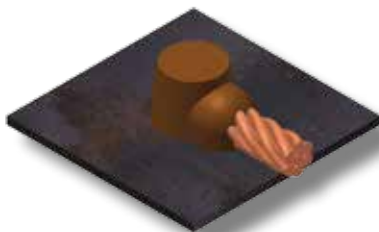
#### MOLDS FOR AWG CONDUCTORS

| Cable Size | Pipe Size    | Mold #      | Price Key | Weld Metal | Handle Clamps | Lead Time |
|------------|--------------|-------------|-----------|------------|---------------|-----------|
| #4         | 1 1/4" to 4" | M-8591      | 4         | 65         | B-106         | 2         |
|            | 4" to 6"     | M-10521     | 4         | 65         | B-106         | 4         |
|            | 6" to 10"    | M-10523     | 4         | 65         | B-106         | 4         |
|            | 12" & up     | M-10524 ‡   | 4         | 65         | B-106         | 4         |
| #2 Sol     | 1 1/4" to 4" | M-6199-S    | 4         | 65         | B-106         | SDS       |
|            | 4" to 6"     | M-10528-S   | 4         | 65         | B-106         | 4         |
|            | 6" to 10"    | M-10529-S   | 4         | 65         | B-106         | 4         |
|            | 12" & up     | M-10530-S ‡ | 4         | 65         | B-106         | 4         |
| #2         | 1 1/4" to 4" | M-6199      | 4         | 65         | B-106         | 4         |
|            | 4" to 6"     | M-10528     | 4         | 65         | B-106         | 4         |
|            | 6" to 10"    | M-10529     | 4         | 65         | B-106         | 2         |
|            | 12" & up     | M-10530 ‡   | 4         | 65         | B-106         | 2         |
| #1         | 1 1/4" to 4" | M-10531     | 4         | 90         | B-106         | 2         |
|            | 4" to 6"     | M-10532     | 4         | 90         | B-106         | 4         |
|            | 6" to 10"    | M-10533     | 4         | 90         | B-106         | 4         |
|            | 12" & up     | M-10534 ‡   | 4         | 90         | B-106         | 4         |
| 1/0        | 1 1/4" to 4" | M-10535     | 4         | 115        | B-106         | 2         |
|            | 4" to 6"     | M-1147      | 4         | 115        | B-106         | 4         |
|            | 6" to 10"    | M-10536     | 4         | 115        | B-106         | 2         |
|            | 12" & up     | M-10537 ‡   | 4         | 115        | B-106         | 4         |
| 2/0        | 1 1/4" to 4" | M-10538     | 4         | 115        | B-106         | 2         |
|            | 4" to 6"     | M-10539     | 4         | 115        | B-106         | 4         |
|            | 6" to 10"    | M-10540     | 4         | 115        | B-106         | 4         |
|            | 12" & up     | M-10541 ‡   | 4         | 115        | B-106         | 4         |
| 4/0        | 1 1/4" to 4" | M-5622      | 4         | 150        | B-106         | 2         |
|            | 4" to 6"     | M-7381      | 4         | 150        | B-106         | 2         |
|            | 6" to 10"    | M-10365     | 4         | 150        | B-106         | 2         |
|            | 12" & up     | M-10542 ‡   | 4         | 150        | B-106         | 4         |

- **For sizes not listed, contact thermOweld®.**
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0106-32 ~ Vertical Chain Clamp w/ B-106 Handles for 4" Pipe & smaller
  - 40-0106-27 ~ 20" Chain Extension for 4" to 10" Pipe
  - Use (2) 20" Chain Extensions for pipe sizes between 10" and 16"
  - 40-4431-00 ~ Magnetic Handle Clamp w/ B-106 Handles
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0101-00 ~ Rasp
- ‡ Flat Surface Mold

## CS-5

## TYPE MOLDS

*Horizontal Cable Tap to Horizontal Cast Iron Surface**For AWG Conductors*Note that the cable is **ON** the surface

| MOLDS FOR AWG CONDUCTORS |        |           |            |               |           |
|--------------------------|--------|-----------|------------|---------------|-----------|
| Cable Size               | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
| #6 Sol                   | M-1613 | 3†        | 25Cl       | Included      | 2         |
| #6                       | M-1614 | 3†        | 25Cl       | Included      | 2         |
| #4 Sol                   | M-1615 | 3†        | 45Cl       | Included      | 2         |
| #4                       | M-1616 | 3†        | 45Cl       | Included      | 2         |
| #2 Sol                   | M-1617 | 3†        | 45Cl       | Included      | 2         |
| #2                       | M-1618 | 3†        | 45Cl       | Included      | 2         |
| #1 Sol                   | M-1619 | 3†        | 65Cl       | Included      | 4         |
| #1                       | M-1620 | 3†        | 65Cl       | Included      | 4         |

**DO NOT** use Type CS-5 molds on Soil Pipe (ASTM A74-82). A test weld should be made on a section of the pipe being used to determine the possibility of detrimental metallurgical effects.

**Welding to Horizontal Pipe:** To weld to horizontal cast iron pipe, add pipe size to mold number. Example: To weld #1 STR cable to 6" horizontal cast iron pipe, the mold number would be M-1620-6. To weld #1 cable or smaller to pipe 14" and larger, use flat surface mold.

## CS-4

## TYPE MOLDS

*Vertical Thru Cable to Vertical Steel Surface**For AWG Conductors*Note that the cable is **OFF** the surface

| MOLDS FOR AWG CONDUCTORS |                      |           |            |               |           |                       |           |            |               |           |
|--------------------------|----------------------|-----------|------------|---------------|-----------|-----------------------|-----------|------------|---------------|-----------|
| Cable Size               | STANDARD CONNECTION  |           |            |               |           | HEAVY DUTY CONNECTION |           |            |               |           |
|                          | Mold #               | Price Key | Weld Metal | Handle Clamps | Lead Time | Mold #                | Price Key | Weld Metal | Handle Clamps | Lead Time |
| #6                       | M-1215               | 4         | 90         | B-106         | 2         | M-1215-H              | 17        | 200        | B-106         | 4         |
| #4                       | M-1216               | 4         | 90         | B-106         | 2         | M-1216-H              | 17        | 200        | B-106         | 4         |
| #2                       | M-1218               | 4         | 115        | B-106         | 2         | M-1218-H              | 17        | 250        | B-106         | 4         |
| #1                       | M-1219               | 4         | 115        | B-106         | 2         | M-1219-H              | 17        | 250        | B-106         | 4         |
| 1/0                      | M-1220               | 17        | 200        | B-106         | 2         | M-1220-H              | 6         | 2-200      | B-107         | 4         |
| 2/0                      | M-1221               | 17        | 200        | B-106         | 2         | M-1221-H              | 6         | 2-200      | B-107         | 2         |
| 3/0                      | M-1222               | 17        | 250        | B-106         | 2         | M-1222-H              | 6         | 500        | B-107         | 4         |
| 4/0                      | M-1223               | 17        | 250        | B-106         | 2         | M-1223-H              | 6         | 500        | B-107         | 2         |
| 250 MCM                  | M-1224               | 17        | 250        | B-106         | 2         | M-1224-H              | 6         | 500        | B-107         | 4         |
| 300 MCM                  | Use Heavy Duty Molds |           |            |               |           | M-1225-H              | 6         | 500        | B-107         | 2         |
| 350 MCM                  |                      |           |            |               |           | M-1226-H              | 6         | 3-200      | B-107         | 2         |
| 500 MCM                  |                      |           |            |               |           | M-1228-H              | 6         | 3-250      | B-107         | 2         |

**Welding to Vertical Pipe:** To weld to vertical pipe, add pipe size to mold number. Example: To weld 4/0 str cable to 6" vertical pipe, the mold number would be M-1223-V6. To weld #1 cable or smaller to pipe 14" and larger, use flat surface mold. For 1/0 cable and larger, use flat surface mold only on pipe 30" and larger.

- **For sizes not listed, contact thermOweld®.**
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - † ~ Sold complete with frame
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65 (CS-5 Mold Only)
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0101-00 ~ Rasp
  - 38-4129-00 ~ Packing Material for 1/0 & Larger Molds (CS-5 Molds Only)

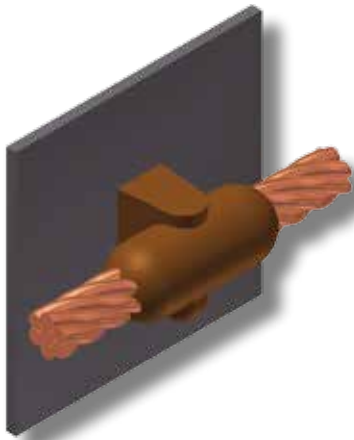
## CS-6

### TYPE MOLDS

#### Horizontal Thru Cable to Vertical Steel Surface

#### For AWG Conductors

Note that the cable is **OFF** the surface



#### MOLDS FOR AWG CONDUCTORS

| Cable Size | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
|------------|--------|-----------|------------|---------------|-----------|
| #6         | M-1626 | 4         | 65         | B-106         | 2         |
| #4         | M-1627 | 4         | 65         | B-106         | 2         |
| #2         | M-1628 | 4         | 65         | B-106         | 2         |
| #1         | M-1629 | 4         | 90         | B-106         | 2         |
| 1/0        | M-1630 | 4         | 115        | B-106         | 2         |
| 2/0        | M-1631 | 4         | 115        | B-106         | 2         |
| 3/0        | M-1632 | 4         | 150        | B-106         | 2         |
| 4/0        | M-1633 | 4         | 150        | B-106         | 2         |
| 250 MCM    | M-1634 | 4         | 150        | B-106         | 2         |

**Welding to Vertical Pipe:** To weld to vertical pipe, add pipe size to mold number. Example: To weld 4/0 str cable to 6" vertical pipe, the mold number would be M-1633-V6. To weld #1 cable or smaller to pipe 14" and larger, use flat surface mold. For 1/0 cable and larger, use flat surface mold only on pipe 30" and larger.

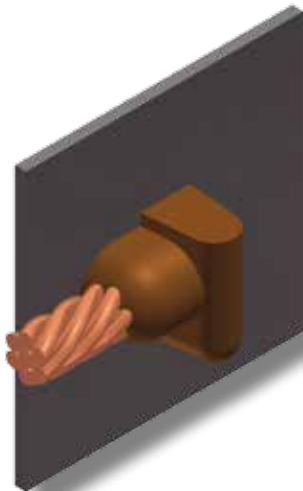
## CS-18

### TYPE MOLDS

#### Horizontal Tap Cable to Vertical Steel Surface

#### For AWG Conductors

Note that the cable is **ON** the surface



Left Hand  
Mold



Right Hand  
Mold

#### MOLDS FOR AWG CONDUCTORS

| Cable Size | Mold #† | Price Key | Weld Metal | Handle Clamps | Lead Time |
|------------|---------|-----------|------------|---------------|-----------|
| #6         | M-5910  | 4         | 45         | B-106         | 2         |
| #4         | M-2761  | 4         | 45         | B-106         | 2         |
| #2         | M-2569  | 4         | 45         | B-106         | 2         |
| #1         | M-6060  | 4         | 65         | B-106         | 2         |
| 1/0        | M-5419  | 4         | 90         | B-106         | 2         |
| 2/0        | M-2567  | 4         | 90         | B-106         | 2         |
| 3/0        | M-6072  | 4         | 115        | B-106         | 2         |
| 4/0        | M-9253  | 4         | 115        | B-106         | 2         |
| 250 MCM    | M-2568  | 4         | 115        | B-106         | 2         |
| 300 MCM    | M-6061  | 4         | 150        | B-106         | 4         |
| 350 MCM    | M-6067  | 4         | 200        | B-106         | 2         |
| 500 MCM    | M-8359  | 4         | 200        | B-106         | 2         |

† Add (-R) to mold number for right hand mold or (-L) for left hand mold. Right hand (-R) mold will be furnished if not specified.

**Welding to Horizontal Pipe:** To weld to horizontal pipe, add pipe size to mold number. Example: To weld 4/0 str cable to 6" horizontal pipe, the mold number would be M-9253-L6.

- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty connections, contact thermOweld®.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65 (CS-6 Molds Only)
  - 40-0319-03 ~ Mold Cleaner for cartridge sizes #90-#500 (CS-6 Molds Only)
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0101-00 ~ Rasp
  - 38-4129-00 ~ Packing Material for 1/0 & Larger Molds (CS-18 Molds Only)

## CS-7

## TYPE MOLDS

Overhead Vertical Tap Cable to Vertical Steel Surface  
For AWG ConductorsNote that the cable is **ON** the surface

| MOLDS FOR AWG CONDUCTORS |                     |           |            |               |           |                       |           |            |               |           |
|--------------------------|---------------------|-----------|------------|---------------|-----------|-----------------------|-----------|------------|---------------|-----------|
| Cable Size               | STANDARD CONNECTION |           |            |               |           | HEAVY DUTY CONNECTION |           |            |               |           |
|                          | Mold #              | Price Key | Weld Metal | Handle Clamps | Lead Time | Mold #                | Price Key | Weld Metal | Handle Clamps | Lead Time |
| #6                       | M-1635              | 4         | 65         | B-106         | 2         | M-1635-H              | 4         | 90         | B-106         | 4         |
| #4                       | M-1636              | 4         | 65         | B-106         | 2         | M-1636-H              | 4         | 115        | B-106         | 2         |
| #2                       | M-1638              | 4         | 65         | B-106         | 2         | M-1638-H              | 4         | 115        | B-106         | 2         |
| #2 SOL                   | M-1638-S            | 4         | 65         | B-106         | 2         | M-1638-HS             | 4         | 115        | B-106         | 2         |
| #1                       | M-1639              | 4         | 90         | B-106         | 2         | M-1639-H              | 4         | 150        | B-106         | 4         |
| 1/0                      | M-1640              | 4         | 150        | B-106         | 2         | M-1640-H              | 17        | 200        | B-106         | 4         |
| 2/0                      | M-1641              | 4         | 150        | B-106         | 2         | M-1641-H              | 17        | 200        | B-106         | 2         |
| 3/0                      | M-1642              | 17        | 200        | B-106         | 2         | M-1642-H              | 17        | 250        | B-106         | 4         |
| 4/0                      | M-1643              | 17        | 200        | B-106         | 2         | M-1643-H              | 17        | 250        | B-106         | 2         |
| 250 MCM                  | M-1644              | 17        | 200        | B-106         | 2         | M-1644-H              | 6         | 2-150      | B-107         | 4         |
| 300 MCM                  | M-1645              | 17        | 250        | B-106         | 4         | M-1645-H              | 6         | 2-200      | B-107         | 4         |
| 350 MCM                  | M-1646              | 6         | 2-150      | B-107         | 2         | M-1646-H              | 6         | 500        | B-107         | 4         |
| 500 MCM                  | M-1648              | 6         | 2-200      | B-107         | 2         | M-1648-H              | 6         | 3-200      | B-107         | 4         |
| 750 MCM                  | M-1649              | 6         | 500        | B-107         | 2         | Not Available         |           |            |               |           |
| 1000 MCM                 | M-1650              | 6         | 3-200      | B-107         | 2         |                       |           |            |               |           |

- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)  
38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-4431-00 ~ Magnetic Handle Clamp w/ B-106 Handles
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0101-00 ~ Rasp

**Welding to Vertical Pipe:** To weld to vertical pipe, add pipe size to mold number. Example: To weld 4/0 str cable to 6" vertical pipe, the mold number would be M-1643-V6. To weld #1 cable or smaller to pipe 14" and larger, use flat surface mold. For 1/0 cable and larger, use flat surface mold only on pipe 30" and larger.

## CB-1

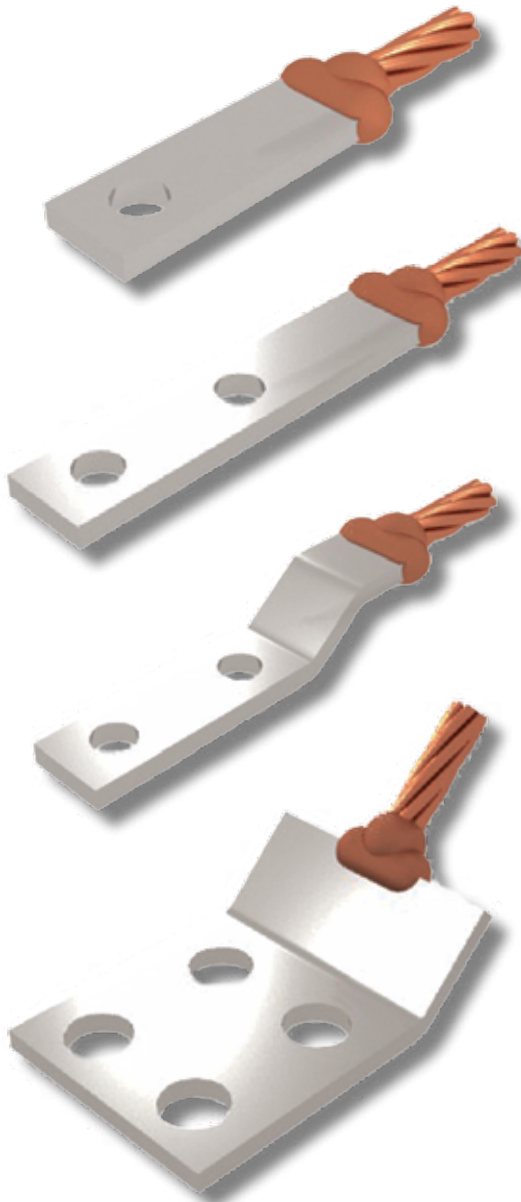
### TYPE MOLDS

*Horizontal Cable Tap to Horizontal Lug or Bus*

**For AWG Conductors**

See pages 159-160 for Lug part numbers.

Section 2 - Molds  
AWG Conductors



Examples of connections with available lug configurations. See pages 159-160 for Lug part nos.

| MOLDS FOR AWG CONDUCTORS |             |        |           |            |               |           |
|--------------------------|-------------|--------|-----------|------------|---------------|-----------|
| Cable Size               | Lug Size    | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
| #8                       | 1/16 X 1/2  | M-966  | 4         | 15         | B-106         | 4         |
|                          | 1/8 X 1     | M-967  | 4         | 45         | B-106         | 2         |
| #6                       | 1/16 X 1/2  | M-968  | 4         | 15         | B-106         | 4         |
|                          | 1/8 X 1     | M-969  | 4         | 45         | B-106         | 2         |
| #4                       | 1/8 X 9/16  | M-970  | 4         | 25         | B-106         | 2         |
|                          | 1/8 X 1     | M-971  | 4         | 45         | B-106         | 2         |
| #2                       | 1/8 X 5/8   | M-974  | 4         | 32         | B-106         | 2         |
|                          | 1/8 X 1     | M-975  | 4         | 45         | B-106         | 2         |
| #1                       | 1/8 X 5/8   | M-976  | 4         | 32         | B-106         | 4         |
|                          | 1/8 X 1     | M-977  | 4         | 45         | B-106         | 2         |
| 1/0                      | 1/8 X 1     | M-978  | 4         | 45         | B-106         | 2         |
|                          | 1/4 X 1     | M-979  | 4         | 65         | B-106         | 2         |
| 2/0                      | 1/8 X 1     | M-980  | 4         | 65         | B-106         | 2         |
|                          | 1/4 X 1     | M-981  | 4         | 65         | B-106         | 2         |
| 3/0                      | 3/16 X 1    | M-982  | 4         | 90         | B-106         | 2         |
|                          | 1/4 X 1     | M-983  | 4         | 90         | B-106         | 2         |
| 4/0                      | 3/16 X 1    | M-984  | 4         | 90         | B-106         | 2         |
|                          | 1/4 X 1     | M-985  | 4         | 90         | B-106         | 2         |
|                          | 1/4 X 1-1/4 | M-986  | 4         | 90         | B-106         | 2         |
|                          | 1/4 X 1-1/2 | M-987  | 4         | 90         | B-106         | 2         |
|                          | 1/4 X 3     | M-1915 | 4         | 90         | B-106         | 2         |
| 250 MCM                  | 1/4 X 1     | M-988  | 4         | 90         | B-106         | 2         |
|                          | 1/4 X 1-1/4 | M-989  | 4         | 90         | B-106         | 4         |
|                          | 1/4 X 1-1/2 | M-990  | 4         | 90         | B-106         | 2         |
|                          | 1/4 X 3     | M-1916 | 4         | 90         | B-106         | 2         |
| 300 MCM                  | 1/4 X 1     | M-991  | 4         | 90         | B-106         | 2         |
|                          | 1/4 X 1-1/4 | M-992  | 4         | 90         | B-106         | 4         |
|                          | 1/4 X 1-1/2 | M-993  | 4         | 90         | B-106         | 2         |
|                          | 1/4 X 3     | M-1917 | 4         | 90         | B-106         | 4         |
| 350 MCM                  | 1/4 X 1     | M-994  | 4         | 115        | B-106         | 2         |
|                          | 1/4 X 1-1/4 | M-995  | 4         | 115        | B-106         | 2         |
|                          | 1/4 X 3     | M-1918 | 4         | 115        | B-106         | 4         |
| 500 MCM                  | 1/4 X 1-1/2 | M-1001 | 4         | 200        | B-106         | 2         |
|                          | 1/4 X 2     | M-1002 | 4         | 200        | B-106         | 2         |
|                          | 1/4 X 3     | M-1920 | 4         | 200        | B-106         | 2         |
|                          | 3/8 X 1     | M-1003 | 4         | 200        | B-106         | 4         |
|                          | 3/8 X 1-1/2 | M-1004 | 4         | 200        | B-106         | 2         |
|                          | 3/8 X 2     | M-1005 | 5         | 2-150      | B-107         | 4         |
| 750 MCM                  | 1/4 X 2     | M-1006 | 5         | 2-150      | B-107         | 2         |
|                          | 3/8 X 1-1/2 | M-1007 | 5         | 2-150      | B-107         | 2         |
|                          | 3/8 X 2     | M-1008 | 5         | 2-150      | B-107         | 2         |
|                          | 3/8 X 3     | M-1921 | 5         | 2-150      | B-107         | 4         |
| 1000 MCM                 | 3/8 X 2     | M-1009 | 5         | 2-200      | B-107         | 4         |
|                          | 3/8 X 3     | M-1922 | 5         | 2-200      | B-107         | 4         |
|                          | 7/16 X 2    | M-1010 | 5         | 2-200      | B-107         | 4         |
|                          | 1/2 X 2     | M-1011 | 5         | 500        | B-107         | 2         |

- **For sizes not listed, contact thermOweld®.**
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For molds with wear plates, see page 135.
- For heavy duty connections or molds with wear plates, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;  
Handle Clamps w/ Flint Ignitor (see chart for correct handles), 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;  
38-3922-00 ~ Mold Cleaning Brush, 38-0135-00 ~ Cable Cleaning Brush

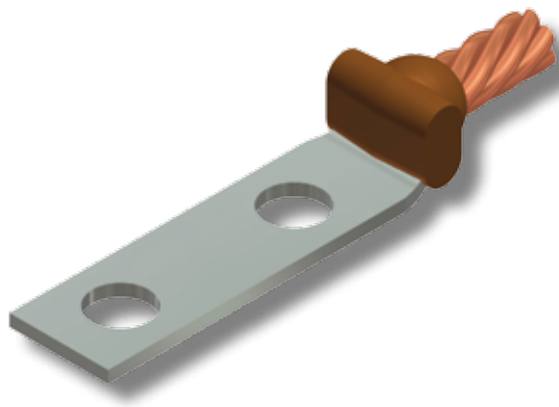
## CB-33

## TYPE MOLDS

*Horizontal Cable Tap to Horizontal Lug or Bus*

For AWG Conductors

See page 161 for Lug part numbers.



MOLDS FOR AWG CONDUCTORS

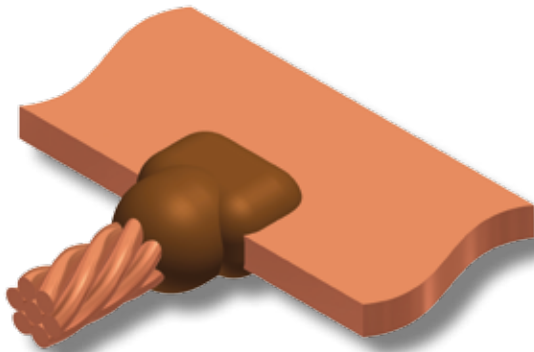
| Cable Size | Lug Size<br>(See Lugs Below) | Mold #   | Price Key | Weld Metal | Handle Clamps | Lead Time |
|------------|------------------------------|----------|-----------|------------|---------------|-----------|
| #4         | 1/8 X 1                      | M-2035   | 4         | 32         | B-106         | 2         |
| #2 Sol     | 1/8 X 1                      | M-2036-S | 4         | 32         | B-106         | 2         |
| #2         | 1/8 X 1                      | M-2036   | 4         | 32         | B-106         | 2         |
| #1         | 1/8 X 1                      | M-2037   | 4         | 32         | B-106         | 2         |
| 1/0        | 1/8 X 1                      | M-2038   | 4         | 45         | B-106         | 2         |
| 2/0        | 1/8 X 1                      | M-2039   | 4         | 45         | B-106         | 2         |
| 4/0        | 3/16 X 1                     | M-2041   | 4         | 65         | B-106         | 2         |
| 250 MCM    | 3/16 X                       | M-2042   | 4         | 65         | B-106         | 2         |
| 300 MCM    | 1/4 X 1                      | M-2043   | 4         | 90         | B-106         | 2         |
| 350 MCM    | 1/4 X 1                      | M-2044   | 4         | 90         | B-106         | 4         |
| 500 MCM    | 1/4 X 1-1/2                  | M-2045   | 4         | 150        | B-106         | 2         |

- For sizes not listed, contact thermOweld®.
- For heavy duty connections or molds with wear plates, contact thermOweld®.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush

## CB-4

### TYPE MOLDS

*Horizontal Cable Tap to Horizontal Bus  
For AWG Conductors*



| MOLDS FOR AWG CONDUCTORS |            |          |           |            |               |           |
|--------------------------|------------|----------|-----------|------------|---------------|-----------|
| Bus Bar Size             | Cable Size | Mold #   | Price Key | Weld Metal | Handle Clamps | Lead Time |
| 1/4 X 1-1/2<br>& WIDER   | #2         | M-5415   | 4         | 65         | B-106         | 2         |
|                          | #2 Sol     | M-5415-S | 4         | 65         | B-106         | SDS       |
|                          | 1/0        | M-1651   | 4         | 90         | B-106         | 2         |
|                          | 2/0        | M-1652   | 4         | 90         | B-106         | 2         |
|                          | 3/0        | M-1653   | 4         | 90         | B-106         | 2         |
|                          | 4/0        | M-1654   | 4         | 90         | B-106         | 2         |
|                          | 250 MCM    | M-1655   | 4         | 115        | B-106         | 2         |
|                          | 300 MCM    | M-1656   | 4         | 115        | B-106         | 2         |
|                          | 350 MCM    | M-1657   | 4         | 150        | B-106         | 2         |
|                          | 500 MCM    | M-1659   | 4         | 200        | B-106         | 2         |
| 3/8 X 1-1/2<br>& WIDER   | 1/0        | M-1660   | 4         | 90         | B-106         | 2         |
|                          | 2/0        | M-1661   | 4         | 90         | B-106         | 2         |
|                          | 3/0        | M-1662   | 4         | 115        | B-106         | 2         |
|                          | 4/0        | M-1663   | 4         | 115        | B-106         | 2         |
|                          | 250 MCM    | M-1664   | 4         | 150        | B-106         | 4         |
|                          | 300 MCM    | M-1665   | 4         | 150        | B-106         | 4         |
|                          | 350 MCM    | M-1666   | 4         | 200        | B-106         | 4         |
|                          | 500 MCM    | M-1668   | 4         | 250        | B-106         | 2         |
|                          | 750 MCM    | M-1669   | 5         | 2-150      | B-107         | 2         |
|                          | 1000 MCM   | M-1670   | 5         | 2-200      | B-107         | 4         |
| 1/2 X 1-1/2<br>& WIDER   | 1/0        | M-1671   | 4         | 115        | B-106         | 2         |
|                          | 2/0        | M-1672   | 4         | 115        | B-106         | 2         |
|                          | 3/0        | M-1673   | 4         | 150        | B-106         | 2         |
|                          | 4/0        | M-1674   | 4         | 150        | B-106         | 2         |
|                          | 250 MCM    | M-1675   | 4         | 200        | B-106         | 4         |
|                          | 300 MCM    | M-1676   | 4         | 200        | B-106         | 4         |
|                          | 350 MCM    | M-1677   | 4         | 250        | B-106         | 2         |
|                          | 500 MCM    | M-1679   | 5         | 2-150      | B-107         | 2         |
|                          | 750 MCM    | M-1680   | 5         | 2-200      | B-107         | 4         |
|                          | 1000 MCM   | M-1681   | 5         | 500        | B-107         | 4         |

- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty connections, contact thermOweld®.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65
  - 40-0319-03 ~ Mold Cleaner for cartridge sizes #90-#500
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush

## CB-2

## TYPE MOLDS

*Vertical Overhead Tap to Horizontal Bus  
For AWG Conductors*

| MOLDS FOR AWG CONDUCTORS |            |        |           |            |               |           |
|--------------------------|------------|--------|-----------|------------|---------------|-----------|
| Bus Bar Size             | Cable Size | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
| 1/8 X 1                  | 1/0        | M-830  | 4         | 115        | B-106         | 4         |
|                          | 2/0        | M-831  | 4         | 115        | B-106         | 4         |
|                          | 4/0        | M-832  | 4         | 115        | B-106         | 2         |
| 1/8 X 1-1/2 & WIDER      | #2         | M-7365 | 17        | 65         | B-106         | 2         |
|                          | 1/0        | M-833  | 4         | 115        | B-106         | 2         |
|                          | 2/0        | M-834  | 4         | 115        | B-106         | 4         |
|                          | 4/0        | M-835  | 4         | 115        | B-106         | 2         |
|                          | 250 MCM    | M-836  | 4         | 115        | B-106         | 4         |
|                          | 300 MCM    | M-837  | 4         | 150        | B-106         | 4         |
|                          | 350 MCM    | M-838  | 4         | 150        | B-106         | 2         |
| 1/4 X 1                  | #2         | M-7167 | 17        | 90         | B-106         | 4         |
|                          | 1/0        | M-839  | 4         | 150        | B-106         | 2         |
|                          | 2/0        | M-840  | 4         | 150        | B-106         | 2         |
|                          | 4/0        | M-841  | 4         | 150        | B-106         | 2         |
|                          | 250 MCM    | M-842  | 4         | 150        | B-106         | 2         |
|                          | 300 MCM    | M-843  | 4         | 200        | B-106         | 4         |
|                          | 350 MCM    | M-844  | 4         | 200        | B-106         | 2         |
|                          | 500 MCM    | M-846  | 4         | 2-150      | B-106         | 4         |
| 1/4 X 1-1/2 & WIDER      | #2         | M-6366 | 17        | 90         | B-106         | 2         |
|                          | 1/0        | M-847  | 4         | 150        | B-106         | 2         |
|                          | 2/0        | M-848  | 4         | 150        | B-106         | 2         |
|                          | 4/0        | M-849  | 4         | 150        | B-106         | 2         |
|                          | 250 MCM    | M-850  | 4         | 150        | B-106         | 2         |
|                          | 300 MCM    | M-851  | 4         | 200        | B-106         | 2         |
|                          | 350 MCM    | M-852  | 4         | 200        | B-106         | 2         |
|                          | 500 MCM    | M-854  | 4         | 2-150      | B-106         | 2         |
|                          | 750 MCM    | M-855  | 5         | 2-200      | B-107         | 2         |
| 3/8 X 1                  | 1/0        | M-857  | 4         | 150        | B-106         | 2         |
|                          | 2/0        | M-858  | 4         | 150        | B-106         | 2         |
|                          | 4/0        | M-859  | 4         | 150        | B-106         | 4         |
|                          | 250 MCM    | M-860  | 4         | 150        | B-106         | 4         |
|                          | 300 MCM    | M-861  | 4         | 200        | B-106         | 4         |
|                          | 350 MCM    | M-862  | 4         | 200        | B-106         | 4         |
|                          | 500 MCM    | M-864  | 4         | 250        | B-106         | 4         |
|                          | 750 MCM    | M-865  | 5         | 2-200      | B-107         | 4         |
| 3/8 X 1-1/2 & WIDER      | 1/0        | M-867  | 4         | 150        | B-106         | 2         |
|                          | 2/0        | M-868  | 4         | 150        | B-106         | 2         |
|                          | 4/0        | M-869  | 4         | 150        | B-106         | 2         |
|                          | 250 MCM    | M-870  | 4         | 150        | B-106         | 4         |
|                          | 300 MCM    | M-871  | 4         | 200        | B-106         | 4         |
|                          | 350 MCM    | M-872  | 4         | 200        | B-106         | 4         |
|                          | 500 MCM    | M-874  | 4         | 250        | B-106         | 4         |
| 1/2 X 1                  | 750 MCM    | M-875  | 5         | 2-200      | B-107         | 4         |
|                          | 1/0        | M-877  | 4         | 200        | B-106         | 4         |
|                          | 2/0        | M-878  | 4         | 200        | B-106         | 4         |
|                          | 4/0        | M-879  | 4         | 200        | B-106         | 4         |
|                          | 250 MCM    | M-880  | 4         | 200        | B-106         | 4         |
|                          | 300 MCM    | M-881  | 4         | 250        | B-106         | 4         |
|                          | 350 MCM    | M-882  | 4         | 250        | B-106         | 4         |
|                          | 500 MCM    | M-884  | 5         | 2-150      | B-107         | 4         |
| 1/2 X 1-1/2 & WIDER      | 750 MCM    | M-885  | 5         | 500        | B-107         | 4         |
|                          | 1/0        | M-887  | 4         | 200        | B-106         | 2         |
|                          | 2/0        | M-888  | 4         | 200        | B-106         | 2         |
|                          | 4/0        | M-889  | 4         | 200        | B-106         | 2         |
|                          | 250 MCM    | M-890  | 4         | 200        | B-106         | 4         |
|                          | 300 MCM    | M-891  | 4         | 250        | B-106         | 4         |
|                          | 350 MCM    | M-892  | 4         | 250        | B-106         | 4         |
|                          | 500 MCM    | M-894  | 5         | 2-150      | B-107         | 2         |
|                          | 750 MCM    | M-895  | 5         | 500        | B-107         | 4         |



- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty connections, contact thermOweld®.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush

## CB-6

### TYPE MOLDS

#### Vertical Overhead Tap to Horizontal Bus For AWG Conductors

CB-6 Type Molds are use where there are **space restrictions** such as another surface  $\frac{3}{4}$ " to 5" from the bus bar.



#### MOLDS FOR AWG CONDUCTORS

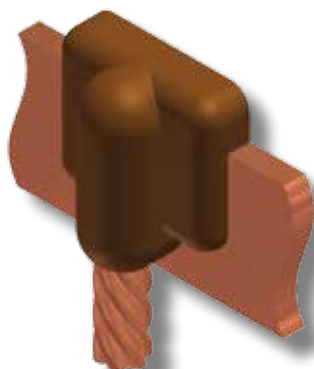
| Bus Bar Size        | Cable Size | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
|---------------------|------------|--------|-----------|------------|---------------|-----------|
| 1/8 X 1             | 1/0        | M-898  | 7†        | 115        | B-106         | 4         |
|                     | 2/0        | M-899  | 7†        | 115        | B-106         | 4         |
|                     | 4/0        | M-900  | 7†        | 115        | B-106         | 4         |
| 1/8 X 1-1/2 & WIDER | #2         | M-5198 | 7†        | 65         | B-106         | 2         |
|                     | 1/0        | M-901  | 7†        | 115        | B-106         | 4         |
|                     | 2/0        | M-902  | 7†        | 115        | B-106         | 4         |
|                     | 4/0        | M-903  | 7†        | 115        | B-106         | 4         |
|                     | 250 MCM    | M-904  | 7†        | 115        | B-106         | 4         |
|                     | 300 MCM    | M-905  | 7†        | 150        | B-106         | 2         |
|                     | 350 MCM    | M-906  | 7†        | 150        | B-106         | 4         |
| 1/4" X 1            | 1/0        | M-907  | 7†        | 150        | B-106         | 2         |
|                     | 2/0        | M-908  | 7†        | 150        | B-106         | 4         |
|                     | 4/0        | M-909  | 7†        | 150        | B-106         | 4         |
|                     | 250 MCM    | M-910  | 7†        | 150        | B-106         | 4         |
|                     | 300 MCM    | M-911  | 7†        | 200        | B-106         | 4         |
|                     | 350 MCM    | M-912  | 7†        | 200        | B-106         | 4         |
|                     | 500 MCM    | M-914  | 7†        | 2-150      | B-106         | 4         |
| 1/4 X 1-1/2 & WIDER | #2         | M-6967 | 7†        | 90         | B-106         | 2         |
|                     | 1/0        | M-915  | 7†        | 150        | B-106         | 2         |
|                     | 2/0        | M-916  | 7†        | 150        | B-106         | 4         |
|                     | 4/0        | M-917  | 7†        | 150        | B-106         | 2         |
|                     | 250 MCM    | M-918  | 7†        | 150        | B-106         | 2         |
|                     | 300 MCM    | M-919  | 7†        | 200        | B-106         | 4         |
|                     | 350 MCM    | M-920  | 7†        | 200        | B-106         | 4         |
|                     | 500 MCM    | M-922  | 7†        | 2-150      | B-106         | 2         |
|                     | 750 MCM    | M-923  | 8†        | 2-200      | B-107         | 4         |
| 3/8 X 1             | 1/0        | M-925  | 7†        | 150        | B-106         | 4         |
|                     | 2/0        | M-926  | 7†        | 150        | B-106         | 4         |
|                     | 4/0        | M-927  | 7†        | 150        | B-106         | 4         |
|                     | 250 MCM    | M-928  | 7†        | 150        | B-106         | 4         |
|                     | 300 MCM    | M-929  | 7†        | 200        | B-106         | 4         |
|                     | 350 MCM    | M-930  | 7†        | 200        | B-106         | 4         |
|                     | 500 MCM    | M-932  | 7†        | 250        | B-106         | 4         |
|                     | 750 MCM    | M-933  | 8†        | 2-200      | B-107         | 4         |
| 3/8 X 1-1/2 & WIDER | 1/0        | M-935  | 7†        | 150        | B-106         | 4         |
|                     | 2/0        | M-936  | 7†        | 150        | B-106         | 2         |
|                     | 4/0        | M-937  | 7†        | 150        | B-106         | 4         |
|                     | 250 MCM    | M-938  | 7†        | 150        | B-106         | 4         |
|                     | 300 MCM    | M-939  | 7†        | 200        | B-106         | 4         |
|                     | 350 MCM    | M-940  | 7†        | 200        | B-106         | 4         |
|                     | 500 MCM    | M-942  | 7†        | 250        | B-106         | 4         |
| 1/2 X 1             | 1/0        | M-945  | 7†        | 200        | B-106         | 4         |
|                     | 2/0        | M-946  | 7†        | 200        | B-106         | 4         |
|                     | 4/0        | M-947  | 7†        | 200        | B-106         | 4         |
|                     | 250 MCM    | M-948  | 7†        | 200        | B-106         | 4         |
|                     | 300 MCM    | M-949  | 7†        | 250        | B-106         | 4         |
|                     | 350 MCM    | M-950  | 7†        | 250        | B-106         | 4         |
|                     | 500 MCM    | M-952  | 8†        | 2-150      | B-107         | 4         |
|                     | 750 MCM    | M-953  | 8†        | 500        | B-107         | 4         |
|                     | 1/0        | M-955  | 7†        | 200        | B-106         | 4         |
|                     | 2/0        | M-956  | 7†        | 200        | B-106         | 4         |
| 1/2 X 1-1/2 & WIDER | 4/0        | M-957  | 7†        | 200        | B-106         | 4         |
|                     | 250 MCM    | M-958  | 7†        | 200        | B-106         | 4         |
|                     | 300 MCM    | M-959  | 7†        | 250        | B-106         | 4         |
|                     | 350 MCM    | M-960  | 7†        | 250        | B-106         | 4         |
|                     | 500 MCM    | M-962  | 8†        | 2-150      | B-107         | 4         |
|                     | 750 MCM    | M-963  | 8†        | 500        | B-107         | 4         |

- **For sizes not listed, contact thermOweld®.**
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty connections, contact thermOweld®.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - † ~ Sold complete with frame
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush

## CB-3

### TYPE MOLDS

Vertical Drop Tap to Horizontal Bus  
For AWG Conductors



| MOLDS FOR AWG CONDUCTORS |            |        |           |            |               |           |
|--------------------------|------------|--------|-----------|------------|---------------|-----------|
| Bus Bar Size             | Cable Size | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
| 1/8 X 1                  | 1/0        | M-656  | 4         | 90         | B-106         | 4         |
|                          | 2/0        | M-657  | 4         | 90         | B-106         | 4         |
|                          | 4/0        | M-658  | 4         | 115        | B-106         | 2         |
| 1/8 X 2                  | 1/0        | M-659  | 4         | 90         | B-106         | 4         |
|                          | 2/0        | M-660  | 4         | 90         | B-106         | 4         |
|                          | 4/0        | M-661  | 4         | 115        | B-106         | 2         |
|                          | 250 MCM    | M-662  | 4         | 115        | B-106         | 2         |
|                          | 300 MCM    | M-663  | 4         | 150        | B-106         | 2         |
|                          | 350 MCM    | M-664  | 4         | 150        | B-106         | 2         |
| 1/4 X 1                  | #2         | M-6694 | 4         | 90         | B-106         | 4         |
|                          | 1/0        | M-665  | 4         | 115        | B-106         | 2         |
|                          | 2/0        | M-666  | 4         | 115        | B-106         | 4         |
|                          | 4/0        | M-667  | 4         | 150        | B-106         | 2         |
|                          | 250 MCM    | M-668  | 4         | 150        | B-106         | 4         |
|                          | 300 MCM    | M-669  | 4         | 200        | B-106         | 4         |
|                          | 350 MCM    | M-670  | 4         | 200        | B-106         | 4         |
|                          | 500 MCM    | M-672  | 4         | 250        | B-106         | 2         |
| 1/4 X 1-1/2              | #2         | M-6658 | 4         | 90         | B-106         | 2         |
|                          | 1/0        | M-673  | 4         | 115        | B-106         | 4         |
|                          | 2/0        | M-674  | 4         | 115        | B-106         | 2         |
|                          | 4/0        | M-675  | 4         | 150        | B-106         | 2         |
|                          | 250 MCM    | M-676  | 4         | 150        | B-106         | 4         |
|                          | 300 MCM    | M-677  | 4         | 200        | B-106         | 4         |
|                          | 350 MCM    | M-678  | 4         | 200        | B-106         | 4         |
|                          | 500 MCM    | M-680  | 4         | 250        | B-106         | 4         |
|                          | 750 MCM    | M-681  | 5         | 2-200      | B-107         | 2         |
| 1/4 X 2                  | #2         | M-5567 | 4         | 90         | B-106         | 2         |
|                          | 1/0        | M-682  | 4         | 115        | B-106         | 2         |
|                          | 2/0        | M-683  | 4         | 115        | B-106         | 2         |
|                          | 4/0        | M-684  | 4         | 150        | B-106         | 2         |
|                          | 250 MCM    | M-685  | 4         | 150        | B-106         | 4         |
|                          | 300 MCM    | M-686  | 4         | 200        | B-106         | 2         |
|                          | 350 MCM    | M-687  | 4         | 200        | B-106         | 4         |
|                          | 500 MCM    | M-689  | 4         | 250        | B-106         | 2         |
|                          | 750 MCM    | M-690  | 5         | 2-200      | B-107         | 4         |
|                          | 1000 MCM   | M-691  | 5         | 500        | B-107         | 4         |
| 1/4 X 3 & WIDER          | #2         | M-5944 | 4         | 90         | B-106         | 2         |
|                          | 1/0        | M-692  | 4         | 115        | B-106         | 2         |
|                          | 2/0        | M-693  | 4         | 115        | B-106         | 2         |
|                          | 4/0        | M-694  | 4         | 150        | B-106         | 2         |
|                          | 250 MCM    | M-695  | 4         | 150        | B-106         | 2         |
|                          | 300 MCM    | M-696  | 4         | 200        | B-106         | 2         |
|                          | 350 MCM    | M-697  | 4         | 200        | B-106         | 2         |
|                          | 500 MCM    | M-699  | 4         | 250        | B-106         | 2         |
|                          | 750 MCM    | M-700  | 5         | 2-200      | B-107         | 2         |
|                          | 1000 MCM   | M-701  | 5         | 500        | B-107         | 4         |

| MOLDS FOR AWG CONDUCTORS |            |        |           |            |               |           |
|--------------------------|------------|--------|-----------|------------|---------------|-----------|
| Bus Bar Size             | Cable Size | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
| 3/8 X 2                  | 1/0        | M-702  | 4         | 115        | B-106         | 4         |
|                          | 2/0        | M-703  | 4         | 115        | B-106         | 4         |
|                          | 4/0        | M-704  | 4         | 150        | B-106         | 4         |
|                          | 250 MCM    | M-705  | 4         | 150        | B-106         | 4         |
|                          | 300 MCM    | M-706  | 4         | 200        | B-106         | 4         |
|                          | 350 MCM    | M-707  | 4         | 200        | B-106         | 4         |
|                          | 500 MCM    | M-709  | 4         | 250        | B-106         | 2         |
|                          | 750 MCM    | M-710  | 5         | 2-200      | B-107         | 4         |
|                          | 1000 MCM   | M-711  | 5         | 500        | B-107         | 4         |
| 3/8 X 2 & WIDER          | 1/0        | M-712  | 4         | 115        | B-106         | 2         |
|                          | 2/0        | M-713  | 4         | 115        | B-106         | 4         |
|                          | 4/0        | M-714  | 4         | 150        | B-106         | 2         |
|                          | 250 MCM    | M-715  | 4         | 150        | B-106         | 4         |
|                          | 300 MCM    | M-716  | 4         | 200        | B-106         | 4         |
|                          | 350 MCM    | M-717  | 4         | 200        | B-106         | 4         |
|                          | 500 MCM    | M-719  | 4         | 250        | B-106         | 4         |
|                          | 750 MCM    | M-720  | 5         | 2-200      | B-107         | 4         |
|                          | 1000 MCM   | M-721  | 5         | 500        | B-107         | 4         |
| 1/2 X 2                  | 1/0        | M-722  | 4         | 150        | B-106         | 4         |
|                          | 2/0        | M-723  | 4         | 150        | B-106         | 4         |
|                          | 4/0        | M-724  | 4         | 200        | B-106         | 4         |
|                          | 250 MCM    | M-725  | 4         | 200        | B-106         | 4         |
|                          | 300 MCM    | M-726  | 4         | 250        | B-106         | 4         |
|                          | 350 MCM    | M-727  | 4         | 250        | B-106         | 4         |
|                          | 500 MCM    | M-729  | 4         | 2-150      | B-106         | 4         |
|                          | 750 MCM    | M-730  | 5         | 500        | B-107         | 4         |
|                          | 1000 MCM   | M-731  | 5         | 3-200      | B-107         | 4         |
| 1/2 X 3 & WIDER          | 1/0        | M-732  | 4         | 150        | B-106         | 4         |
|                          | 2/0        | M-733  | 4         | 150        | B-106         | 4         |
|                          | 4/0        | M-734  | 4         | 200        | B-106         | 2         |
|                          | 250 MCM    | M-735  | 4         | 200        | B-106         | 4         |
|                          | 300 MCM    | M-736  | 4         | 250        | B-106         | 4         |
|                          | 350 MCM    | M-737  | 4         | 250        | B-106         | 4         |
|                          | 500 MCM    | M-739  | 5         | 2-150      | B-107         | 2         |
|                          | 750 MCM    | M-740  | 5         | 500        | B-107         | 4         |
|                          | 1000 MCM   | M-741  | 5         | 3-200      | B-107         | 4         |

- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty connections, contact thermOweld®.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush

## CB-7

### TYPE MOLDS

#### Vertical Drop Tap to Horizontal Bus

#### For AWG Conductors

CB-7 Type Molds are used where there are **space restrictions** such as another surface  $\frac{3}{4}$ " to 5" from the bus bar.

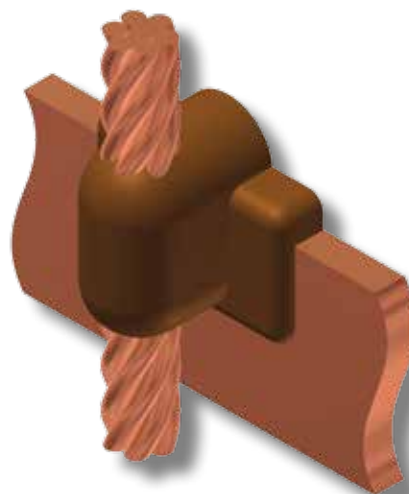


| MOLDS FOR AWG CONDUCTORS |            |        |           |            |               |           |
|--------------------------|------------|--------|-----------|------------|---------------|-----------|
| Bus Bar Size             | Cable Size | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
| 1/8 X 1                  | 1/0        | M-743  | 7†        | 90         | B-106         | 4         |
|                          | 2/0        | M-744  | 7†        | 90         | B-106         | 4         |
|                          | 4/0        | M-745  | 7†        | 115        | B-106         | 2         |
| 1/8 X 2                  | 1/0        | M-746  | 7†        | 90         | B-106         | 4         |
|                          | 2/0        | M-747  | 7†        | 90         | B-106         | 4         |
|                          | 4/0        | M-748  | 7†        | 115        | B-106         | 4         |
|                          | 250 MCM    | M-749  | 7†        | 115        | B-106         | 4         |
|                          | 300 MCM    | M-750  | 7†        | 150        | B-106         | 4         |
|                          | 350 MCM    | M-751  | 7†        | 150        | B-106         | 4         |
| 1/4 X 1                  | #2 STR     | M-8550 | 7†        | 90         | B-106         | 4         |
|                          | 1/0        | M-752  | 7†        | 115        | B-106         | 4         |
|                          | 2/0        | M-753  | 7†        | 115        | B-106         | 4         |
|                          | 4/0        | M-754  | 7†        | 150        | B-106         | 4         |
|                          | 250 MCM    | M-755  | 7†        | 150        | B-106         | 4         |
|                          | 300 MCM    | M-756  | 7†        | 200        | B-106         | 4         |
|                          | 350 MCM    | M-757  | 7†        | 200        | B-106         | 4         |
|                          | 500 MCM    | M-759  | 7†        | 250        | B-106         | 4         |
| 1/4 X 1-1/2              | #2         | M-8551 | 7†        | 90         | B-106         | 4         |
|                          | 1/0        | M-760  | 7†        | 115        | B-106         | 2         |
|                          | 2/0        | M-761  | 7†        | 115        | B-106         | 4         |
|                          | 4/0        | M-762  | 7†        | 150        | B-106         | 4         |
|                          | 250 MCM    | M-763  | 7†        | 150        | B-106         | 4         |
|                          | 300 MCM    | M-764  | 7†        | 200        | B-106         | 4         |
|                          | 350 MCM    | M-765  | 7†        | 200        | B-106         | 4         |
|                          | 500 MCM    | M-767  | 7†        | 250        | B-106         | 4         |
|                          | 750 MCM    | M-768  | 8†        | 2-200      | B-107         | 4         |
| 1/4 X 2                  | #2         | M-5469 | 7†        | 90         | B-106         | 2         |
|                          | 1/0        | M-769  | 7†        | 115        | B-106         | 4         |
|                          | 2/0        | M-770  | 7†        | 115        | B-106         | 4         |
|                          | 4/0        | M-771  | 7†        | 150        | B-106         | 2         |
|                          | 250 MCM    | M-772  | 7†        | 150        | B-106         | 2         |
|                          | 300 MCM    | M-773  | 7†        | 200        | B-106         | 4         |
|                          | 350 MCM    | M-774  | 7†        | 200        | B-106         | 4         |
|                          | 500 MCM    | M-776  | 7†        | 250        | B-106         | 4         |
|                          | 750 MCM    | M-777  | 8†        | 2-200      | B-107         | 4         |
|                          | 1000 MCM   | M-778  | 8†        | 500        | B-107         | 4         |
| 1/4 X 3 & WIDER          | #2         | M-8396 | 7†        | 90         | B-106         | 2         |
|                          | 1/0        | M-779  | 7†        | 115        | B-106         | 2         |
|                          | 2/0        | M-780  | 7†        | 115        | B-106         | 4         |
|                          | 4/0        | M-781  | 7†        | 150        | B-106         | 2         |
|                          | 250 MCM    | M-782  | 7†        | 150        | B-106         | 4         |
|                          | 300 MCM    | M-783  | 7†        | 200        | B-106         | 4         |
|                          | 350 MCM    | M-784  | 7†        | 200        | B-106         | 4         |
|                          | 500 MCM    | M-786  | 7†        | 250        | B-106         | 2         |
|                          | 750 MCM    | M-787  | 8†        | 2-200      | B-107         | 4         |
|                          | 1000 MCM   | M-788  | 8†        | 500        | B-107         | 4         |

| MOLDS FOR AWG CONDUCTORS |            |        |           |            |               |           |
|--------------------------|------------|--------|-----------|------------|---------------|-----------|
| Bus Bar Size             | Cable Size | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
| 3/8 X 2                  | 1/0        | M-789  | 7†        | 115        | B-106         | 4         |
|                          | 2/0        | M-790  | 7†        | 115        | B-106         | 4         |
|                          | 4/0        | M-791  | 7†        | 150        | B-106         | 4         |
|                          | 250 MCM    | M-792  | 7†        | 150        | B-106         | 4         |
|                          | 300 MCM    | M-793  | 7†        | 200        | B-106         | 4         |
|                          | 350 MCM    | M-794  | 7†        | 200        | B-106         | 4         |
|                          | 500 MCM    | M-796  | 7†        | 250        | B-106         | 4         |
|                          | 750 MCM    | M-797  | 8†        | 2-200      | B-107         | 4         |
|                          | 1000 MCM   | M-798  | 8†        | 500        | B-107         | 4         |
| 3/8 X 2 & WIDER          | 1/0        | M-799  | 7†        | 115        | B-106         | 4         |
|                          | 2/0        | M-800  | 7†        | 115        | B-106         | 4         |
|                          | 4/0        | M-801  | 7†        | 150        | B-106         | 2         |
|                          | 250 MCM    | M-802  | 7†        | 150        | B-106         | 4         |
|                          | 300 MCM    | M-803  | 7†        | 200        | B-106         | 4         |
|                          | 350 MCM    | M-804  | 7†        | 200        | B-106         | 4         |
|                          | 500 MCM    | M-806  | 7†        | 250        | B-106         | 2         |
|                          | 750 MCM    | M-807  | 8†        | 2-200      | B-107         | 4         |
|                          | 1000 MCM   | M-808  | 8†        | 500        | B-107         | 4         |
| 1/2 X 2                  | 1/0        | M-809  | 7†        | 150        | B-106         | 4         |
|                          | 2/0        | M-810  | 7†        | 150        | B-106         | 4         |
|                          | 4/0        | M-811  | 7†        | 200        | B-106         | 4         |
|                          | 250 MCM    | M-812  | 7†        | 200        | B-106         | 4         |
|                          | 300 MCM    | M-813  | 7†        | 250        | B-106         | 4         |
|                          | 350 MCM    | M-814  | 7†        | 250        | B-106         | 4         |
|                          | 500 MCM    | M-816  | 7†        | 2-150      | B-106         | 4         |
|                          | 750 MCM    | M-817  | 8†        | 500        | B-107         | 4         |
|                          | 1000 MCM   | M-818  | 8†        | 3-200      | B-107         | 4         |
| 1/2 X 3 & WIDER          | 1/0        | M-819  | 7†        | 150        | B-106         | 4         |
|                          | 2/0        | M-820  | 7†        | 150        | B-106         | 4         |
|                          | 4/0        | M-821  | 7†        | 200        | B-106         | 4         |
|                          | 250 MCM    | M-822  | 7†        | 200        | B-106         | 4         |
|                          | 300 MCM    | M-823  | 7†        | 250        | B-106         | 4         |
|                          | 350 MCM    | M-824  | 7†        | 250        | B-106         | 4         |
|                          | 500 MCM    | M-826  | 8†        | 2-150      | B-107         | 4         |
|                          | 750 MCM    | M-827  | 8†        | 500        | B-107         | 4         |
|                          | 1000 MCM   | M-828  | 8†        | 3-200      | B-107         | 4         |

- **For sizes not listed, contact thermOweld®.**
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- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - † ~ Sold complete with frame
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush

| MOLDS FOR AWG CONDUCTORS |            |          |           |            |               |           |
|--------------------------|------------|----------|-----------|------------|---------------|-----------|
| Bus Bar Size             | Cable Size | Mold #   | Price Key | Weld Metal | Handle Clamps | Lead Time |
| 1/4 X 2 & Wider          | #2         | M-6922   | 7†        | 250        | B-106         | 2         |
|                          | #2 Sol     | M-6922-S | 7†        | 250        | B-106         | 2         |
|                          | 1/0        | M-6758   | 8†        | 2-200      | B-107         | 4         |
|                          | 2/0        | M-6363   | 8†        | 2-200      | B-107         | 2         |
|                          | 4/0        | M-6184   | 8†        | 500        | B-107         | 2         |
|                          | 250 MCM    | M-9937   | 8†        | 500        | B-107         | 2         |
|                          | 500 MCM    | M-6183   | 8†        | 500        | B-107         | 2         |
| 3/8 X 2 & WIDER          | 750 MCM    | M-10543  | 8†        | 3-200      | B-107         | 4         |
|                          | #2         | M-10544  | 7†        | 250        | B-106         | 4         |
|                          | #2 Sol     | M-10545  | 7†        | 250        | B-106         | 4         |
|                          | 1/0        | M-10546  | 8†        | 2-200      | B-107         | 4         |
|                          | 2/0        | M-10547  | 8†        | 2-200      | B-107         | 4         |
|                          | 4/0        | M-10548  | 8†        | 500        | B-107         | 4         |
|                          | 250 MCM    | M-10549  | 8†        | 500        | B-107         | 4         |
| 1/2 X 2 & WIDER          | 500 MCM    | M-10550  | 8†        | 500        | B-107         | 4         |
|                          | 750 MCM    | M-10551  | 8†        | 3-200      | B-107         | 4         |
|                          | #2         | M-10552  | 8†        | 2-150      | B-107         | 4         |
|                          | #2 Sol     | M-10553  | 8†        | 2-150      | B-107         | 4         |
|                          | 1/0        | M-10554  | 8†        | 500        | B-107         | 4         |
|                          | 2/0        | M-10555  | 8†        | 500        | B-107         | 4         |
|                          | 4/0        | M-10556  | 8†        | 3-200      | B-107         | 4         |
|                          | 250 MCM    | M-10557  | 8†        | 3-200      | B-107         | 4         |
|                          | 500 MCM    | M-10558  | 8†        | 3-200      | B-107         | 4         |
|                          | 750 MCM    | M-10559  | 8†        | 3-250      | B-107         | 4         |

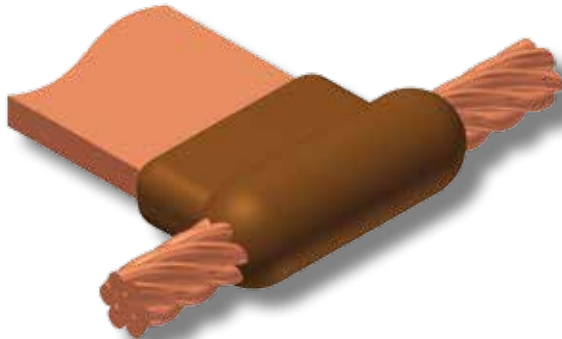


- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty connections, contact thermOweld®.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - † ~ Sold complete with frame
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65
  - 40-0319-03 ~ Mold Cleaner for cartridge sizes #90-#500
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush

## CB-5

### TYPE MOLDS

*Horizontal Bus Tap to Horizontal Cable Run*  
For AWG Conductors



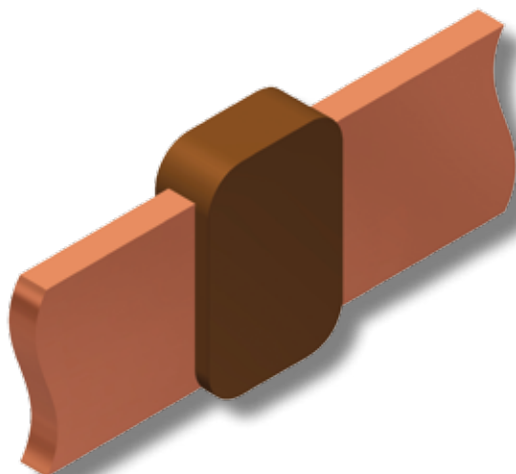
**MOLDS FOR AWG CONDUCTORS**

| Cable Size | Lug Size    | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
|------------|-------------|--------|-----------|------------|---------------|-----------|
| 1/0        | 1/8 X 1     | M-1682 | 4         | 65         | B-106         | 4         |
|            | 1/4 X 1     | M-1683 | 4         | 90         | B-106         | 4         |
| 2/0        | 1/8 X 1     | M-1684 | 4         | 90         | B-106         | 2         |
|            | 1/4 X 1     | M-1685 | 4         | 115        | B-106         | 2         |
| 4/0        | 3/16 X 1    | M-1690 | 4         | 150        | B-106         | 2         |
|            | 1/4 X 1     | M-1691 | 4         | 150        | B-106         | 2         |
|            | 1/4 X 1-1/2 | M-1692 | 4         | 200        | B-106         | 4         |
|            | 1/4 X 2     | M-1693 | 4         | 250        | B-106         | 2         |
| 250 MCM    | 1/4 X 1     | M-1694 | 4         | 150        | B-106         | 2         |
|            | 1/4 X 1-1/2 | M-1695 | 4         | 200        | B-106         | 4         |
|            | 1/4 X 2     | M-1696 | 4         | 250        | B-106         | 2         |
| 300 MCM    | 1/4 X 1     | M-1697 | 4         | 200        | B-106         | 2         |
|            | 1/4 X 1-1/2 | M-1698 | 4         | 250        | B-106         | 4         |
|            | 1/4 X 2     | M-1699 | 5         | 2-150      | B-107         | 4         |
| 350 MCM    | 1/4 X 1     | M-1700 | 5         | 200        | B-107         | 4         |
|            | 1/4 X 1-1/4 | M-1701 | 5         | 200        | B-107         | 4         |
|            | 1/4 X 1-1/2 | M-1702 | 5         | 250        | B-107         | 4         |
|            | 1/4 X 2     | M-1703 | 5         | 2-150      | B-107         | 4         |
| 500 MCM    | 1/4 X 1     | M-1707 | 5         | 250        | B-107         | 2         |
|            | 1/4 X 1-1/2 | M-1708 | 5         | 2-150      | B-107         | 4         |
|            | 1/4 X 2     | M-1709 | 5         | 2-200      | B-107         | 4         |
| 750 MCM    | 1/4 X 1-1/2 | M-1710 | 5         | 2-200      | B-107         | 4         |
|            | 1/4 X 2     | M-1711 | 5         | 500        | B-107         | 4         |
|            | 3/8 X 1-1/2 | M-1712 | 5         | 500        | B-107         | 4         |
|            | 3/8 X 2     | M-1713 | 5         | 3-200      | B-107         | 4         |
| 1000 MCM   | 1/4 X 1-1/2 | M-1714 | 5         | 500        | B-107         | 4         |
|            | 1/4 X 2     | M-1715 | 5         | 3-200      | B-107         | 4         |
|            | 3/8 X 1-1/2 | M-1716 | 5         | 3-200      | B-107         | 4         |
|            | 3/8 X 2     | M-1717 | 5         | 3-250      | B-107         | 4         |

- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty connections, contact thermOweld®.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65
  - 40-0319-03 ~ Mold Cleaner for cartridge sizes #90-#500
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush

## BB-1

## TYPE MOLDS

*Horizontal Bus End to End*

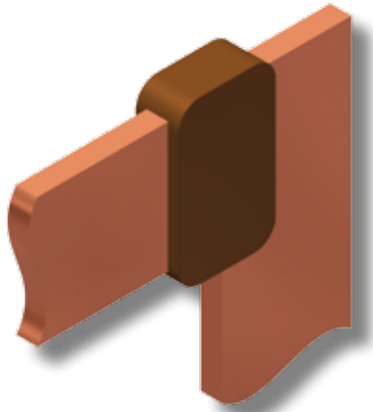
| Bus Bar Size | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
|--------------|--------|-----------|------------|---------------|-----------|
| 1/8 X 1      | M-1118 | 4         | 45         | B-106         | 2         |
| 1/8 X 2      | M-1119 | 4         | 90         | B-106         | 2         |
| 3/16 X 1     | M-1120 | 4         | 65         | B-106         | 2         |
| 3/16 X 2     | M-1121 | 4         | 115        | B-106         | 4         |
| 1/4 X 1      | M-1122 | 4         | 90         | B-106         | 2         |
| 1/4 X 1-1/4  | M-1123 | 4         | 115        | B-106         | 2         |
| 1/4 X 1-1/2  | M-1124 | 4         | 150        | B-106         | 2         |
| 1/4 X 2      | M-1125 | 4         | 200        | B-106         | 2         |
| 1/4 X 3      | M-1126 | 5         | 2-200      | B-107         | 2         |
| 1/4 X 4      | M-1127 | 5         | 500        | B-107         | 2         |
| 3/8 X 1      | M-1130 | 4         | 150        | B-106         | 4         |
| 3/8 X 1-1/2  | M-1131 | 4         | 250        | B-106         | 4         |
| 3/8 X 2      | M-1132 | 5         | 2-150      | B-107         | 2         |
| 3/8 X 3      | M-1133 | 5         | 500        | B-107         | 4         |
| 3/8 X 4      | M-1134 | 5         | 3-200      | B-107         | 2         |
| 1/2 X 1      | M-1135 | 4         | 200        | B-106         | 4         |
| 1/2 X 2      | M-1136 | 5         | 2-200      | B-107         | 4         |
| 1/2 X 3      | M-1137 | 5         | 3-200      | B-107         | 4         |
| 1/2 X 4      | M-1138 | 6         | 2-500      | B-107         | 2         |

- **For sizes not listed, contact thermOweld®.**
- For heavy duty connections, contact thermOweld®.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0305-00 ~ Card Cloth Brush

## BB-2

### TYPE MOLDS

*Horizontal to Vertical at Right Angle*

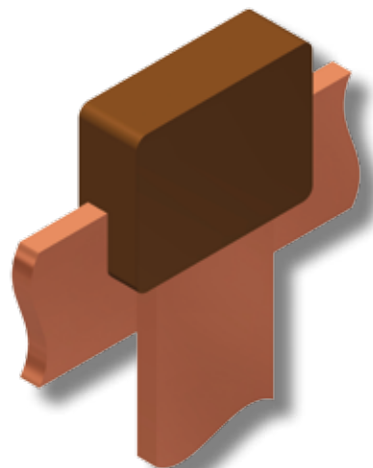


| Bus Bar Size | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
|--------------|--------|-----------|------------|---------------|-----------|
| 1/8 X 1      | M-1230 | 4         | 45         | B-106         | 2         |
| 1/8 X 2      | M-1231 | 4         | 90         | B-106         | 4         |
| 3/16 X 1     | M-1232 | 4         | 65         | B-106         | 2         |
| 3/16 X 2     | M-1233 | 4         | 115        | B-106         | 2         |
| 1/4 X 1      | M-1234 | 4         | 90         | B-106         | 4         |
| 1/4 X 1-1/4  | M-1235 | 4         | 115        | B-106         | 4         |
| 1/4 X 1-1/2  | M-1236 | 4         | 150        | B-106         | 2         |
| 1/4 X 2      | M-1237 | 4         | 200        | B-106         | 2         |
| 1/4 X 3      | M-1238 | 5         | 2-200      | B-107         | 2         |
| 1/4 X 4      | M-1239 | 5         | 500        | B-107         | 4         |
| 3/8 X 1      | M-1242 | 4         | 150        | B-106         | 4         |
| 3/8 X 1-1/2  | M-1243 | 4         | 250        | B-106         | 4         |
| 3/8 X 2      | M-1244 | 5         | 2-150      | B-107         | 4         |
| 3/8 X 3      | M-1245 | 5         | 500        | B-107         | 4         |
| 3/8 X 4      | M-1246 | 5         | 3-200      | B-107         | 4         |
| 1/2 X 1      | M-1247 | 4         | 200        | B-106         | 4         |
| 1/2 X 2      | M-1248 | 5         | 2-200      | B-107         | 4         |
| 1/2 X 3      | M-1249 | 5         | 3-200      | B-107         | 2         |
| 1/2 X 4      | M-1250 | 6         | 2-500      | B-107         | 4         |

## BB-3

### TYPE MOLDS

*Vertical Drop Tap to Horizontal Run*



| Bus Bar Size     |             | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
|------------------|-------------|--------|-----------|------------|---------------|-----------|
| Run              | Tap         |        |           |            |               |           |
| 1/8 X 1          | 1/8 X 1     | M-1098 | 4         | 90         | B-106         | 2         |
| 1/8 X 2 & WIDER  | 1/8 X 2     | M-1099 | 4         | 200        | B-106         | 4         |
| 3/16 X 1         | 3/16 X 1    | M-1100 | 4         | 115        | B-106         | 2         |
| 3/16 X 2 & WIDER | 3/16 X 2    | M-1101 | 4         | 200        | B-106         | 2         |
| 1/4 X 1          | 1/4 X 1     | M-1102 | 4         | 150        | B-106         | 2         |
| 1/4 X 1-1/4      | 1/4 X 1-1/4 | M-1103 | 4         | 200        | B-106         | 4         |
| 1/4 X 1-1/2      | 1/4 X 1-1/2 | M-1104 | 4         | 250        | B-106         | 2         |
| 1/4 X 2 & WIDER  | 1/4 X 2     | M-1105 | 5         | 2-200      | B-107         | 2         |
| 3/8 X 1          | 3/8 X 1     | M-1108 | 4         | 250        | B-106         | 4         |
| 3/8 X 1-1/2      | 3/8 X 1-1/2 | M-1109 | 5         | 2-200      | B-107         | 4         |
| 3/8 X 2 & WIDER  | 3/8 X 2     | M-1110 | 5         | 500        | B-107         | 4         |
| 1/2 X 1          | 1/2 X 1     | M-1113 | 5         | 2-150      | B-107         | 4         |
| 1/2 X 2 & WIDER  | 1/2 X 2     | M-1114 | 5         | 3-250      | B-107         | 4         |

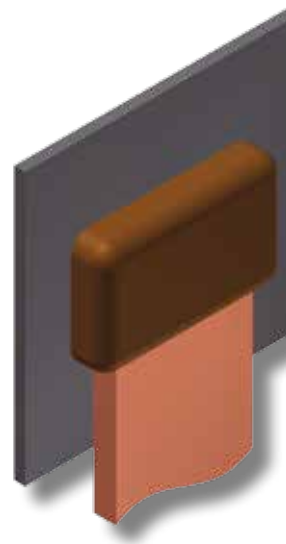
- For sizes not listed, contact thermOweld®.
- For heavy duty connections, contact thermOweld®.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0305-00 ~ Card Cloth Brush

## BS-1

## TYPE MOLDS

*Vertical Tap to Vertical Steel Surface*

| Bus Bar Size | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
|--------------|--------|-----------|------------|---------------|-----------|
| 1/8 X 2      | M-1044 | 4         | 200        | B-106         | 4         |
| 1/4 X 1      | M-1045 | 4         | 150        | B-106         | 2         |
| 1/4 X 1-1/4  | M-1046 | 4         | 200        | B-106         | 4         |
| 1/4 X 1-1/2  | M-1047 | 4         | 250        | B-106         | 2         |
| 1/4 X 2      | M-1048 | 5         | 2-150      | B-107         | 2         |
| 3/8 X 1      | M-1049 | 4         | 200        | B-106         | 4         |
| 3/8 X 2      | M-1050 | 5         | 2-200      | B-107         | 4         |
| 1/2 X 1      | M-1051 | 4         | 250        | B-106         | 4         |
| 1/2 X 2      | M-1052 | 5         | 500        | B-107         | 4         |



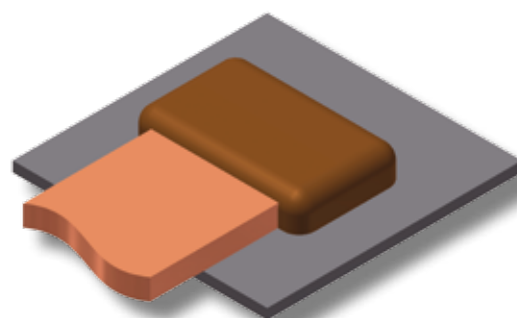
Section 2 - Molds  
AWG Conductors

## BS-2

## TYPE MOLDS

*Horizontal Tap to Horizontal Steel Surface*

| Bus Bar Size | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
|--------------|--------|-----------|------------|---------------|-----------|
| 1/8 X 1      | M-1072 | 4         | 115        | B-106         | 2         |
| 1/8 X 1-1/2  | M-1073 | 4         | 150        | B-106         | 2         |
| 1/8 X 2      | M-1074 | 4         | 200        | B-106         | 4         |
| 3/16 X 1     | M-1075 | 4         | 150        | B-106         | 2         |
| 3/16 X 2     | M-1076 | 4         | 250        | B-106         | 4         |
| 1/4 X 1      | M-1077 | 4         | 150        | B-106         | 4         |
| 1/4 X 1-1/4  | M-1078 | 4         | 200        | B-106         | 4         |
| 1/4 X 1-1/2  | M-1079 | 4         | 250        | B-106         | 4         |
| 1/4 X 2      | M-1080 | 5         | 2-150      | B-107         | 2         |
| 3/8 X 1      | M-1081 | 4         | 200        | B-106         | 2         |
| 3/8 X 1-1/2  | M-1082 | 4         | 250        | B-106         | 2         |
| 3/8 X 2      | M-1083 | 5         | 2-200      | B-107         | 2         |
| 1/2 X 1      | M-1084 | 4         | 250        | B-106         | 4         |
| 1/2 X 1-1/2  | M-1085 | 5         | 2-200      | B-107         | 4         |
| 1/2 X 2      | M-1086 | 5         | 500        | B-107         | 4         |

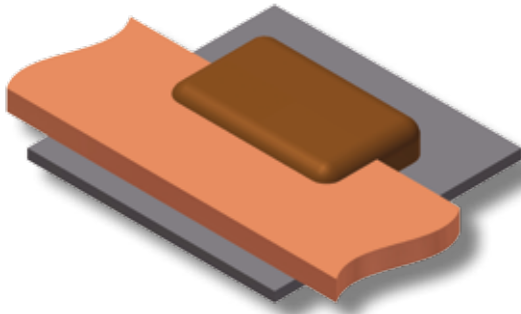


- For sizes not listed, contact thermOweld®.
- For heavy duty connections, contact thermOweld®.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0306-00 ~ Card Cloth Brush
  - 38-0101-00 ~ Rasp

## BS-3

### TYPE MOLDS

*Horizontal Thru Bar to Horizontal Steel Surface*



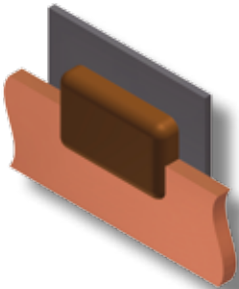
| Bus Bar Size        | Mold # | Price Key | Weld Metal | Handle Clamps | Lead Time |
|---------------------|--------|-----------|------------|---------------|-----------|
| 1/8 X 1             | M-1088 | 4         | 115        | B-106         | 4         |
| 1/8 X 1-1/2 & WIDER | M-1089 | 4         | 150        | B-106         | 2         |
| 1/4 X 1             | M-1090 | 4         | 150        | B-106         | 4         |
| 1/4 X 1-1/4         | M-1091 | 4         | 200        | B-106         | 4         |
| 1/4 X 1-1/4 & WIDER | M-1092 | 4         | 250        | B-106         | 4         |
| 3/8 X 1             | M-1093 | 4         | 200        | B-106         | 4         |
| 3/8 X 1-1/2 & WIDER | M-1094 | 4         | 250        | B-106         | 4         |
| 1/2 X 1             | M-1095 | 4         | 250        | B-106         | 4         |
| 1/2 X 1-1/2 & WIDER | M-1096 | 5         | 2-200      | B-107         | 4         |

Section 2 - Molds  
AWG Conductors

## BS-4 / BS-5

### TYPE MOLDS

*Horizontal or Vertical Thru Bar to Vertical Steel Surface*



BS-4



BS-5

#### BS-4 MOLD

| Bus Bar Size    | Mold # BS-4 | Price Key | Weld Metal | Handle Clamps | Lead Time |
|-----------------|-------------|-----------|------------|---------------|-----------|
| 1/8 X 1         | M-1054      | 4         | 115        | B-106         | 4         |
| 1/8 X 2 & WIDER | M-1055      | 4         | 200        | B-106         | 4         |
| 1/4 X 1         | M-1056      | 4         | 150        | B-106         | 2         |
| 1/4 X 2 & WIDER | M-1057      | 5         | 2-150      | B-107         | 2         |
| 3/8 X 1         | M-1058      | 4         | 200        | B-106         | 4         |
| 3/8 X 2 & WIDER | M-1059      | 5         | 2-200      | B-107         | 4         |
| 1/2 X 1         | M-1060      | 4         | 250        | B-106         | 2         |
| 1/2 X 2 & WIDER | M-1061      | 5         | 500        | B-107         | 4         |

#### BS-5 MOLD

| Bus Bar Size    | Mold # BS-5 | Price Key | Weld Metal | Handle Clamps | Lead Time |
|-----------------|-------------|-----------|------------|---------------|-----------|
| 1/8 X 1         | M-1063      | 4         | 115        | B-106         | 2         |
| 1/8 X 2 & WIDER | M-1064      | 4         | 200        | B-106         | 4         |
| 1/4 X 1         | M-1065      | 4         | 150        | B-106         | 2         |
| 1/4 X 2 & WIDER | M-1066      | 5         | 2-150      | B-107         | 2         |
| 3/8 X 1         | M-1067      | 4         | 200        | B-106         | 4         |
| 3/8 X 2 & WIDER | M-1068      | 5         | 2-200      | B-107         | 4         |
| 1/2 X 1         | M-1069      | 4         | 250        | B-106         | 4         |
| 1/2 X 2 & WIDER | M-1070      | 5         | 500        | B-107         | 4         |

- For sizes not listed, contact thermOweld®.
- For heavy duty connections, contact thermOweld®.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0306-00 ~ Card Cloth Brush
  - 38-0101-00 ~ Rasp

## CRE-1

## TYPE MOLDS

Horizontal Parallel Tap  
For AWG Conductors

| MOLDS FOR AWG CONDUCTORS |            |        |                             |           |            |               |           |
|--------------------------|------------|--------|-----------------------------|-----------|------------|---------------|-----------|
| Rebar Size               | Cable Size | Mold # | Packing Mat'l #<br>See Note | Price Key | Weld Metal | Handle Clamps | Lead Time |
| #3                       | #6         | M-7500 | 38-0329                     | 4         | 25         | B-106         | 2         |
|                          | #4         | M-7501 | 38-0329                     | 4         | 32         | B-106         | 2         |
|                          | #2         | M-7502 | 38-0329                     | 4         | 45         | B-106         | 2         |
|                          | #1         | M-7503 | 38-0329                     | 4         | 65         | B-106         | 2         |
|                          | 1/0        | M-7504 | 38-0329                     | 4         | 90         | B-106         | 2         |
|                          | 2/0        | M-7505 | 38-0329                     | 4         | 90         | B-106         | 2         |
|                          | 3/0        | M-7506 | 38-0329                     | 4         | 115        | B-106         | 2         |
| #4 & Larger              | 4/0        | M-7507 | 38-0329                     | 4         | 115        | B-106         | 2         |
|                          | #6         | M-7508 | 38-4061                     | 3†        | 25         | Included      | 2         |
|                          | #4         | M-7509 | 38-4061                     | 3†        | 32         | Included      | 2         |
|                          | #2         | M-7510 | 38-4061                     | 3†        | 45         | Included      | 2         |
| #4                       | #1         | M-7511 | 38-4061                     | 3†        | 65         | Included      | 2         |
|                          | 1/0        | M-7512 | 38-0329                     | 4         | 90         | B-106         | 2         |
|                          | 2/0        | M-7513 | 38-0329                     | 4         | 90         | B-106         | 2         |
|                          | 3/0        | M-7514 | 38-0329                     | 4         | 115        | B-106         | 2         |
| #5                       | 4/0        | M-7515 | 38-0329                     | 4         | 115        | B-106         | 2         |
|                          | 1/0        | M-7520 | 38-0329                     | 4         | 90         | B-106         | 2         |
|                          | 2/0        | M-7521 | 38-0329                     | 4         | 90         | B-106         | 2         |
|                          | 3/0        | M-7522 | 38-0329                     | 4         | 115        | B-106         | 2         |
| #6 & Larger              | 4/0        | M-7523 | 38-0329                     | 4         | 115        | B-106         | 2         |
|                          | 1/0        | M-7528 | 38-4062                     | 14†       | 90         | Included      | 2         |
|                          | 2/0        | M-7529 | 38-4062                     | 14†       | 90         | Included      | 2         |
|                          | 3/0        | M-7530 | 38-4062                     | 14†       | 115        | Included      | 2         |
|                          | 4/0        | M-7531 | 38-4062                     | 14†       | 115        | Included      | 2         |

- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty connections, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- For expedited service, contact thermOweld®.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - † ~ Sold complete with frame
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0304-00 ~ File

## REBAR PACKING

A packing material is necessary when making thermOweld® connections to Rebar. Be sure to specify Packing Material No. when ordering Mold and Weld Metal. Packing Material is either copper shim stock or ceramic fiber pad and can be used for **one** connection only.

Part #38-0329-00 Copper Shim

Part #38-4061-00 3" x 3" x 1/4"

Part #38-4062-00 3" x 3" x 1/4"

Part #38-4063-00 3" x 2 1/2" x 1/4"



## CRE-2

### TYPE MOLDS

*Horizontal Cable Tap to Horizontal Rebar Run*  
For AWG Conductors

Section 2 - Molds  
AWG Conductors



**MOLDS FOR AWG CONDUCTORS**

| Rebar Size | Cable Size | Mold # | Packing Mat'l #<br>See Note | Price Key | Weld Metal | Handle Clamps | Lead Time |
|------------|------------|--------|-----------------------------|-----------|------------|---------------|-----------|
| #3         | #6         | M-7588 | 38-0329                     | 4         | 45         | B-106         | 2         |
|            | #4         | M-7589 | 38-0329                     | 4         | 45         | B-106         | 2         |
|            | #2         | M-7590 | 38-0329                     | 4         | 65         | B-106         | 2         |
|            | #1         | M-7591 | 38-0329                     | 4         | 65         | B-106         | 4         |
|            | 1/0        | M-7592 | 38-0329                     | 4         | 90         | B-106         | 2         |
|            | 2/0        | M-7593 | 38-0329                     | 4         | 90         | B-106         | 4         |
|            | 3/0        | M-7594 | 38-0329                     | 4         | 115        | B-106         | 2         |
| #4         | 4/0        | M-7595 | 38-0329                     | 4         | 115        | B-106         | 2         |
|            | #6         | M-7596 | 38-0329                     | 4         | 45         | B-106         | 2         |
|            | #4         | M-7597 | 38-0329                     | 4         | 45         | B-106         | 2         |
|            | #2         | M-7598 | 38-0329                     | 4         | 65         | B-106         | 2         |
|            | #1         | M-7599 | 38-0329                     | 4         | 65         | B-106         | 4         |
|            | 1/0        | M-7600 | 38-0329                     | 4         | 90         | B-106         | 2         |
|            | 2/0        | M-7601 | 38-0329                     | 4         | 90         | B-106         | 2         |
| #5         | 3/0        | M-7602 | 38-0329                     | 4         | 115        | B-106         | 2         |
|            | 4/0        | M-7603 | 38-0329                     | 4         | 115        | B-106         | 2         |
|            | #6         | M-7604 | 38-0329                     | 4         | 90         | B-106         | 2         |
|            | #4         | M-7605 | 38-0329                     | 4         | 90         | B-106         | 2         |
|            | #2         | M-7606 | 38-0329                     | 4         | 90         | B-106         | 2         |
|            | #1         | M-7607 | 38-0329                     | 4         | 90         | B-106         | 4         |
|            | 1/0        | M-7608 | 38-0329                     | 4         | 115        | B-106         | 2         |
| #6         | 2/0        | M-7609 | 38-0329                     | 4         | 115        | B-106         | 2         |
|            | 3/0        | M-7610 | 38-0329                     | 4         | 150        | B-106         | 2         |
|            | 4/0        | M-7611 | 38-0329                     | 4         | 150        | B-106         | 2         |
|            | #6         | M-7612 | 38-0329                     | 4         | 90         | B-106         | 2         |
|            | #4         | M-7613 | 38-0329                     | 4         | 90         | B-106         | 2         |
|            | #2         | M-7614 | 38-0329                     | 4         | 90         | B-106         | 2         |
|            | #1         | M-7615 | 38-0329                     | 4         | 90         | B-106         | 4         |
| #6         | 1/0        | M-7616 | 38-0329                     | 4         | 115        | B-106         | 2         |
|            | 2/0        | M-7617 | 38-0329                     | 4         | 115        | B-106         | 2         |
|            | 3/0        | M-7618 | 38-0329                     | 4         | 150        | B-106         | 2         |
|            | 4/0        | M-7619 | 38-0329                     | 4         | 150        | B-106         | 2         |

### REBAR PACKING

A packing material is necessary when making thermOweld® connections to Rebar. Be sure to specify Packing Material No. when ordering Mold and Weld Metal. Packing Material is either copper shim stock or ceramic fiber pad and can be used for **one** connection only.

Part #38-0329-00 Copper Shim  
Part #38-4061-00 3" x 3" x 1/4"  
Part #38-4062-00 3" x 3" x 1/4"  
Part #38-4063-00 3" x 2 1/2" x 1/4"



- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty connections, contact thermOweld®.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65
  - 40-0319-03 ~ Mold Cleaner for cartridge sizes #90-#500
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0304-00 ~ File

| MOLDS FOR AWG CONDUCTORS |            |        |                             |           |            |               |           |
|--------------------------|------------|--------|-----------------------------|-----------|------------|---------------|-----------|
| Rebar Size               | Cable Size | Mold # | Packing Mat'l #<br>See Note | Price Key | Weld Metal | Handle Clamps | Lead Time |
| #3                       | #6         | M-7620 | 38-0329                     | 24        | 90         | B-106         | 2         |
|                          | #4         | M-7621 | 38-0329                     | 24        | 90         | B-106         | 2         |
|                          | #2         | M-7622 | 38-0329                     | 24        | 90         | B-106         | 2         |
|                          | #1         | M-7623 | 38-0329                     | 24        | 115        | B-106         | 4         |
|                          | 1/0        | M-7624 | 38-0329                     | 24        | 115        | B-106         | 4         |
|                          | 2/0        | M-7625 | 38-0329                     | 24        | 115        | B-106         | 2         |
|                          | 3/0        | M-7626 | 38-0329                     | 24        | 150        | B-106         | 2         |
| #4                       | 4/0        | M-7627 | 38-0329                     | 24        | 150        | B-106         | 2         |
|                          | #6         | M-7628 | 38-0329                     | 24        | 90         | B-106         | 2         |
|                          | #4         | M-7629 | 38-0329                     | 24        | 90         | B-106         | 2         |
|                          | #2         | M-7630 | 38-0329                     | 24        | 90         | B-106         | 2         |
|                          | #1         | M-7631 | 38-0329                     | 24        | 115        | B-106         | 4         |
|                          | 1/0        | M-7632 | 38-0329                     | 24        | 115        | B-106         | 2         |
|                          | 2/0        | M-7633 | 38-0329                     | 24        | 115        | B-106         | 2         |
| #5                       | 3/0        | M-7634 | 38-0329                     | 24        | 150        | B-106         | 2         |
|                          | 4/0        | M-7635 | 38-0329                     | 24        | 150        | B-106         | 2         |
|                          | #6         | M-7636 | 38-0329                     | 24        | 90         | B-106         | 2         |
|                          | #4         | M-7637 | 38-0329                     | 24        | 90         | B-106         | 2         |
|                          | #2         | M-7638 | 38-0329                     | 24        | 90         | B-106         | 2         |
|                          | #1         | M-7639 | 38-0329                     | 24        | 115        | B-106         | 4         |
|                          | 1/0        | M-7640 | 38-0329                     | 24        | 115        | B-106         | 2         |
| #6                       | 2/0        | M-7641 | 38-0329                     | 24        | 115        | B-106         | 2         |
|                          | 3/0        | M-7642 | 38-0329                     | 24        | 150        | B-106         | 2         |
|                          | 4/0        | M-7643 | 38-0329                     | 24        | 150        | B-106         | 2         |
|                          | #6         | M-7644 | 38-0329                     | 24        | 90         | B-106         | 2         |
|                          | #4         | M-7645 | 38-0329                     | 24        | 90         | B-106         | 2         |
|                          | #2         | M-7646 | 38-0329                     | 24        | 90         | B-106         | 2         |
|                          | #1         | M-7647 | 38-0329                     | 24        | 115        | B-106         | 4         |
| #7 & Larger              | 1/0        | M-7648 | 38-0329                     | 24        | 115        | B-106         | 2         |
|                          | 2/0        | M-7649 | 38-0329                     | 24        | 115        | B-106         | 2         |
|                          | 3/0        | M-7650 | 38-0329                     | 24        | 150        | B-106         | 2         |
|                          | 4/0        | M-7651 | 38-0329                     | 24        | 150        | B-106         | 2         |
|                          | #6         | M-7652 | 38-4063                     | 4         | 90         | B-106-41      | 2         |
|                          | #4         | M-7653 | 38-4063                     | 4         | 90         | B-106-41      | 2         |
|                          | #2         | M-7654 | 38-4063                     | 4         | 90         | B-106-41      | 2         |
| #7 & Larger              | #1         | M-7655 | 38-4063                     | 4         | 115        | B-106-41      | 4         |
|                          | 1/0        | M-7656 | 38-4063                     | 4         | 115        | B-106-41      | 2         |
|                          | 2/0        | M-7657 | 38-4063                     | 4         | 115        | B-106-41      | 2         |
|                          | 3/0        | M-7658 | 38-4063                     | 4         | 150        | B-106-41      | 2         |
|                          | 4/0        | M-7659 | 38-4063                     | 4         | 150        | B-106-41      | 2         |

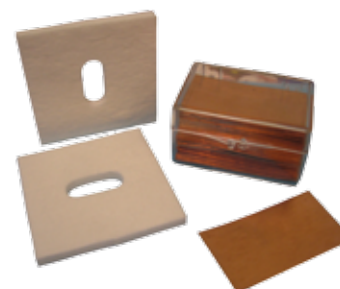
- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty connections or molds with wear plates, contact thermOweld®.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-03 ~ Mold Cleaner for cartridge sizes #90-#500
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0304-00 ~ File



## REBAR PACKING

A packing material is necessary when making thermOweld® connections to Rebar. Be sure to specify Packing Material No. when ordering Mold and Weld Metal. Packing Material is either copper shim stock or ceramic fiber pad and can be used for **one** connection only.

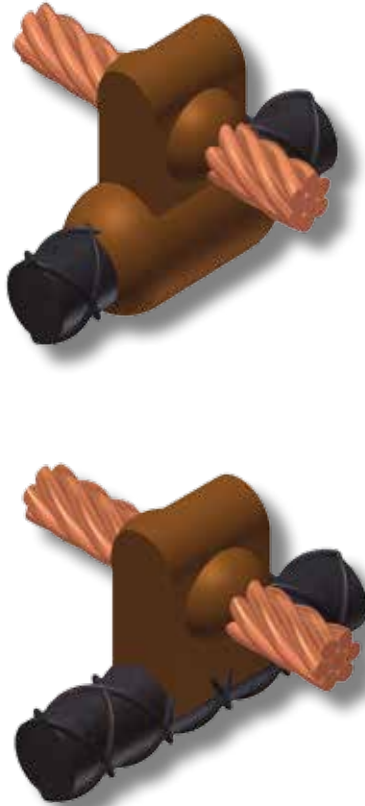
- Part #38-0329-00 Copper Shim
- Part #38-4061-00 3" x 3" x 1/4"
- Part #38-4062-00 3" x 3" x 1/4"
- Part #38-4063-00 3" x 2 1/2" x 1/4"



## CRE-4

### TYPE MOLDS

*Horizontal thru Cable to Horizontal Rebar  
For AWG Conductors*



Section 2 - Molds  
AWG Conductors

### REBAR PACKING

A packing material is necessary when making thermOweld® connections to Rebar. Be sure to specify Packing Material No. when ordering Mold and Weld Metal. Packing Material is either copper shim stock or ceramic fiber pad and can be used for **one** connection only.

Part #38-0329-00 Copper Shim  
Part #38-4061-00 3" x 3" x 1/4"  
Part #38-4062-00 3" x 3" x 1/4"  
Part #38-4063-00 3" x 2 1/2" x 1/4"



**MOLDS FOR AWG CONDUCTORS**

| Rebar Size  | Cable Size | Mold # | Packing Mat'l #<br>See Note | Price Key | Weld Metal | Handle Clamps | Lead Time |
|-------------|------------|--------|-----------------------------|-----------|------------|---------------|-----------|
| #3          | #6         | M-7708 | 38-0329                     | 4         | 65         | B-106         | 2         |
|             | #4         | M-7709 | 38-0329                     | 4         | 65         | B-106         | 4         |
|             | #2         | M-7710 | 38-0329                     | 4         | 90         | B-106         | 2         |
|             | #1         | M-7711 | 38-0329                     | 4         | 90         | B-106         | 2         |
|             | 1/0        | M-7712 | 38-0329                     | 22        | 115        | B-106         | 2         |
|             | 2/0        | M-7713 | 38-0329                     | 22        | 115        | B-106         | 2         |
|             | 3/0        | M-7714 | 38-0329                     | 22        | 150        | B-106         | 4         |
| #4          | 4/0        | M-7715 | 38-0329                     | 22        | 150        | B-106         | 2         |
|             | #6         | M-7716 | 38-0329                     | 4         | 65         | B-106         | 2         |
|             | #4         | M-7717 | 38-0329                     | 4         | 65         | B-106         | 2         |
|             | #2         | M-7718 | 38-0329                     | 4         | 90         | B-106         | 2         |
|             | #1         | M-7719 | 38-0329                     | 22        | 90         | B-106         | 4         |
|             | 1/0        | M-7720 | 38-0329                     | 22        | 115        | B-106         | 2         |
|             | 2/0        | M-7721 | 38-0329                     | 22        | 115        | B-106         | 2         |
| #5          | 3/0        | M-7722 | 38-0329                     | 22        | 150        | B-106         | 2         |
|             | 4/0        | M-7723 | 38-0329                     | 22        | 150        | B-106         | 2         |
|             | #6         | M-7724 | 38-0329                     | 4         | 65         | B-106         | 2         |
|             | #4         | M-7725 | 38-0329                     | 4         | 65         | B-106         | 2         |
|             | #2         | M-7726 | 38-0329                     | 4         | 90         | B-106         | 2         |
|             | #1         | M-7727 | 38-0329                     | 22        | 90         | B-106         | 4         |
|             | 1/0        | M-7728 | 38-0329                     | 22        | 115        | B-106         | 2         |
| #6 & Larger | 2/0        | M-7729 | 38-0329                     | 22        | 115        | B-106         | 2         |
|             | 3/0        | M-7730 | 38-0329                     | 22        | 150        | B-106         | 2         |
|             | 4/0        | M-7731 | 38-0329                     | 22        | 150        | B-106         | 2         |
|             | #6         | M-7732 | 38-4061                     | 14†       | 65         | Included      | 2         |
|             | #4         | M-7733 | 38-4061                     | 14†       | 65         | Included      | 2         |
|             | #2         | M-7734 | 38-4061                     | 14†       | 90         | Included      | 2         |
|             | #1         | M-7735 | 38-4061                     | 14†       | 90         | Included      | 4         |
|             | 1/0        | M-7736 | 38-4062                     | 14†       | 115        | Included      | 2         |
|             | 2/0        | M-7737 | 38-4062                     | 14†       | 115        | Included      | 2         |
|             | 3/0        | M-7738 | 38-4062                     | 14†       | 150        | Included      | 2         |
|             | 4/0        | M-7739 | 38-4062                     | 14†       | 150        | Included      | 2         |

- **For sizes not listed, contact thermOweld®.**
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty connections, contact thermOweld®.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - † ~ Sold complete with frame
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 40-0319-03 ~ Mold Cleaner for PK-4 & 22 Molds w/cartridge sizes #90-#500
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0304-00 ~ File

## CRE-6

## TYPE MOLDS

*Horizontal Cable Tap to Vertical Rebar  
For AWG Conductors*

| MOLDS FOR AWG CONDUCTORS |            |        |                             |           |            |               |           |
|--------------------------|------------|--------|-----------------------------|-----------|------------|---------------|-----------|
| Rebar Size               | Cable Size | Mold # | Packing Mat'l #<br>See Note | Price Key | Weld Metal | Handle Clamps | Lead Time |
| #3                       | #6         | M-7884 | 38-0329                     | 4         | 45         | B-106         | 2         |
|                          | #4         | M-7885 | 38-0329                     | 4         | 45         | B-106         | 2         |
|                          | #2         | M-7886 | 38-0329                     | 4         | 65         | B-106         | 4         |
|                          | #1         | M-7887 | 38-0329                     | 4         | 90         | B-106         | 4         |
|                          | 1/0        | M-7888 | 38-0329                     | 4         | 115        | B-106         | 2         |
|                          | 2/0        | M-7889 | 38-0329                     | 4         | 115        | B-106         | 2         |
|                          | 3/0        | M-7890 | 38-0329                     | 4         | 150        | B-106         | 2         |
|                          | 4/0        | M-7891 | 38-0329                     | 4         | 150        | B-106         | 2         |
| #4                       | #6         | M-7892 | 38-0329                     | 4         | 45         | B-106         | 2         |
|                          | #4         | M-7893 | 38-0329                     | 4         | 65         | B-106         | 2         |
|                          | #2         | M-7894 | 38-0329                     | 4         | 65         | B-106         | 2         |
|                          | #1         | M-7895 | 38-0329                     | 4         | 90         | B-106         | 4         |
|                          | 1/0        | M-7896 | 38-0329                     | 4         | 115        | B-106         | 2         |
|                          | 2/0        | M-7897 | 38-0329                     | 4         | 115        | B-106         | 2         |
|                          | 3/0        | M-7898 | 38-0329                     | 4         | 150        | B-106         | 2         |
|                          | 4/0        | M-7899 | 38-0329                     | 4         | 150        | B-106         | 2         |
| #5                       | #6         | M-7900 | 38-0329                     | 4         | 45         | B-106         | 2         |
|                          | #4         | M-7901 | 38-0329                     | 4         | 65         | B-106         | 2         |
|                          | #2         | M-7902 | 38-0329                     | 4         | 65         | B-106         | 2         |
|                          | #1         | M-7903 | 38-0329                     | 4         | 90         | B-106         | 2         |
|                          | 1/0        | M-7904 | 38-0329                     | 4         | 115        | B-106         | 2         |
|                          | 2/0        | M-7905 | 38-0329                     | 4         | 115        | B-106         | 2         |
|                          | 3/0        | M-7906 | 38-0329                     | 4         | 150        | B-106         | 2         |
|                          | 4/0        | M-7907 | 38-0329                     | 4         | 150        | B-106         | 2         |
| #6                       | #6         | M-7908 | 38-0329                     | 4         | 45         | B-106         | 2         |
|                          | #4         | M-7909 | 38-0329                     | 4         | 65         | B-106         | 2         |
|                          | #2         | M-7910 | 38-0329                     | 4         | 65         | B-106         | 2         |
|                          | #1         | M-7911 | 38-0329                     | 4         | 90         | B-106         | 2         |
|                          | 1/0        | M-7912 | 38-0329                     | 4         | 115        | B-106         | 2         |
|                          | 2/0        | M-7913 | 38-0329                     | 4         | 115        | B-106         | 2         |
|                          | 3/0        | M-7914 | 38-0329                     | 4         | 150        | B-106         | 2         |
|                          | 4/0        | M-7915 | 38-0329                     | 4         | 150        | B-106         | 2         |
| #7 & Larger              | #6         | M-7916 | 38-4063                     | 4         | 45         | B-106-32      | 4         |
|                          | #4         | M-7917 | 38-4063                     | 4         | 65         | B-106-32      | 2         |
|                          | #2         | M-7918 | 38-4063                     | 4         | 65         | B-106-32      | 2         |
|                          | #1         | M-7919 | 38-4063                     | 4         | 90         | B-106-32      | 2         |
|                          | 1/0        | M-7920 | 38-4063                     | 4         | 115        | B-106-32      | 2         |
|                          | 2/0        | M-7921 | 38-4063                     | 4         | 115        | B-106-32      | 2         |
|                          | 3/0        | M-7922 | 38-4063                     | 4         | 150        | B-106-32      | 2         |
|                          | 4/0        | M-7923 | 38-4063                     | 4         | 150        | B-106-32      | 2         |

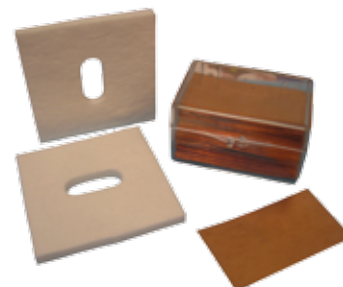
- For sizes not listed, contact thermOweld®.
- Molds listed are for concentric stranded cable. Add suffix "-S" to mold number for solid conductors.
- For heavy duty connections, contact thermOweld®.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor or 38-EZLT-RU EZ Lite Remote®
- Other recommended accessories;
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0304-00 ~ File



## REBAR PACKING

A packing material is necessary when making thermOweld® connections to Rebar. Be sure to specify Packing Material No. when ordering Mold and Weld Metal. Packing Material is either copper shim stock or ceramic fiber pad and can be used for **one** connection only.

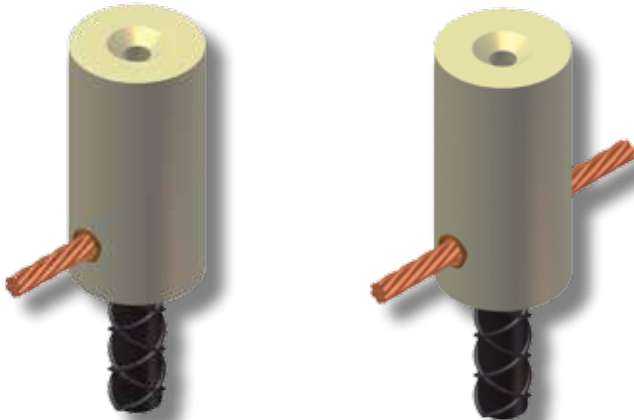
Part #38-0329-00 Copper Shim  
 Part #38-4061-00 3" x 3" x 1/4"  
 Part #38-4062-00 3" x 3" x 1/4"  
 Part #38-4063-00 3" x 2 1/2" x 1/4"



## SINGLE SHOT MOLDS

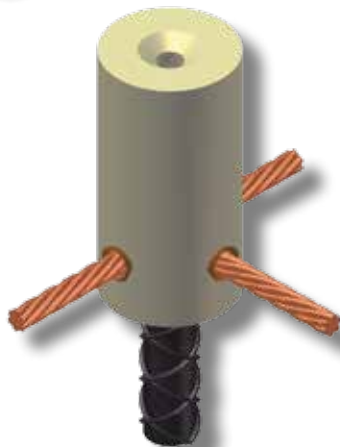
### REBAR SINGLE SHOT MOLDS

thermOweld® Single Shot Molds are an economical way to make cable connections to the top of a rebar. The Single Shot is a disposable single use ceramic mold that includes the weld metal and disc. Flint ignitor or EZ Lite Adapter (See page 81) must be purchased separately.



CRE-21

CRE-16



CRE-25



| Rebar Size | Cable Size |          | Type   | Mold # | Lead Time |
|------------|------------|----------|--------|--------|-----------|
|            | Solid      | Stranded |        |        |           |
| #3         | #6, #8     | #8       | CRE-21 | M-8929 | 4         |
|            | #3, #4     | #4, #6   | CRE-21 | M-8930 | 4         |
|            | #1, #2     | #2, #3   | CRE-21 | M-8931 | 4         |
|            | #6, #8     | #8       | CRE-16 | M-8943 | 4         |
|            | #3, #4     | #4, #6   | CRE-16 | M-8944 | 4         |
|            | #1, #2     | #2, #3   | CRE-16 | M-8945 | 4         |
|            | #6, #8     | #8       | CRE-25 | M-8955 | 4         |
|            | #3, #4     | #4, #6   | CRE-25 | M-8956 | 4         |
|            | #1, #2     | #2, #3   | CRE-25 | M-8957 | 4         |

| Rebar Size | Cable Size |          | Type   | Mold # | Lead Time |
|------------|------------|----------|--------|--------|-----------|
|            | Solid      | Stranded |        |        |           |
| #4         | #6, #8     | #8       | CRE-21 | M-8932 | 4         |
|            | #3, #4     | #4, #6   | CRE-21 | M-8933 | 4         |
|            | #1, #2     | #2, #3   | CRE-21 | M-8934 | 4         |
|            | 2/0, 1/0   | 1/0, #1  | CRE-21 | M-8935 | 4         |
|            | N/A        | 2/0      | CRE-21 | M-8936 | 4         |
|            | #6, #8     | #8       | CRE-16 | M-8947 | 4         |
|            | #3, #4     | #4, #6   | CRE-16 | M-8948 | 4         |
|            | #1, #2     | #2, #3   | CRE-16 | M-8949 | 4         |
|            | 2/0, 1/0   | 1/0, #1  | CRE-16 | M-8950 | 4         |
|            | #6, #8     | #8       | CRE-25 | M-8958 | 4         |
|            | #3, #4     | #4, #6   | CRE-25 | M-8959 | 4         |
|            | #1, #2     | #2, #3   | CRE-25 | M-8960 | 4         |
|            | 2/0, 1/0   | 1/0, #1  | CRE-25 | M-8961 | 4         |

| Rebar Size | Cable Size |          | Type   | Mold # | Lead Time |
|------------|------------|----------|--------|--------|-----------|
|            | Solid      | Stranded |        |        |           |
| #5         | #6, #8     | #8       | CRE-21 | M-8937 | 4         |
|            | #3, #4     | #4, #6   | CRE-21 | M-8938 | 4         |
|            | #1, #2     | #2, #3   | CRE-21 | M-8939 | 4         |
|            | 2/0, 1/0   | 1/0, #1  | CRE-21 | M-8940 | 4         |
|            | N/A        | 2/0      | CRE-21 | M-8941 | 4         |
|            | #6, #8     | #8       | CRE-16 | M-8951 | 4         |
|            | #3, #4     | #4, #6   | CRE-16 | M-8952 | 4         |
|            | #1, #2     | #2, #3   | CRE-16 | M-8953 | 4         |
|            | 2/0, 1/0   | 1/0, #1  | CRE-16 | M-8954 | 4         |
|            | #6, #8     | #8       | CRE-25 | M-8962 | 4         |
|            | #3, #4     | #4, #6   | CRE-25 | M-8963 | 4         |
|            | #1, #2     | #2, #3   | CRE-25 | M-8964 | 4         |
|            | 2/0, 1/0   | 1/0, #1  | CRE-25 | M-8965 | 4         |

# SINGLE SHOT MOLD

## EZ Lite Remote® Adapter

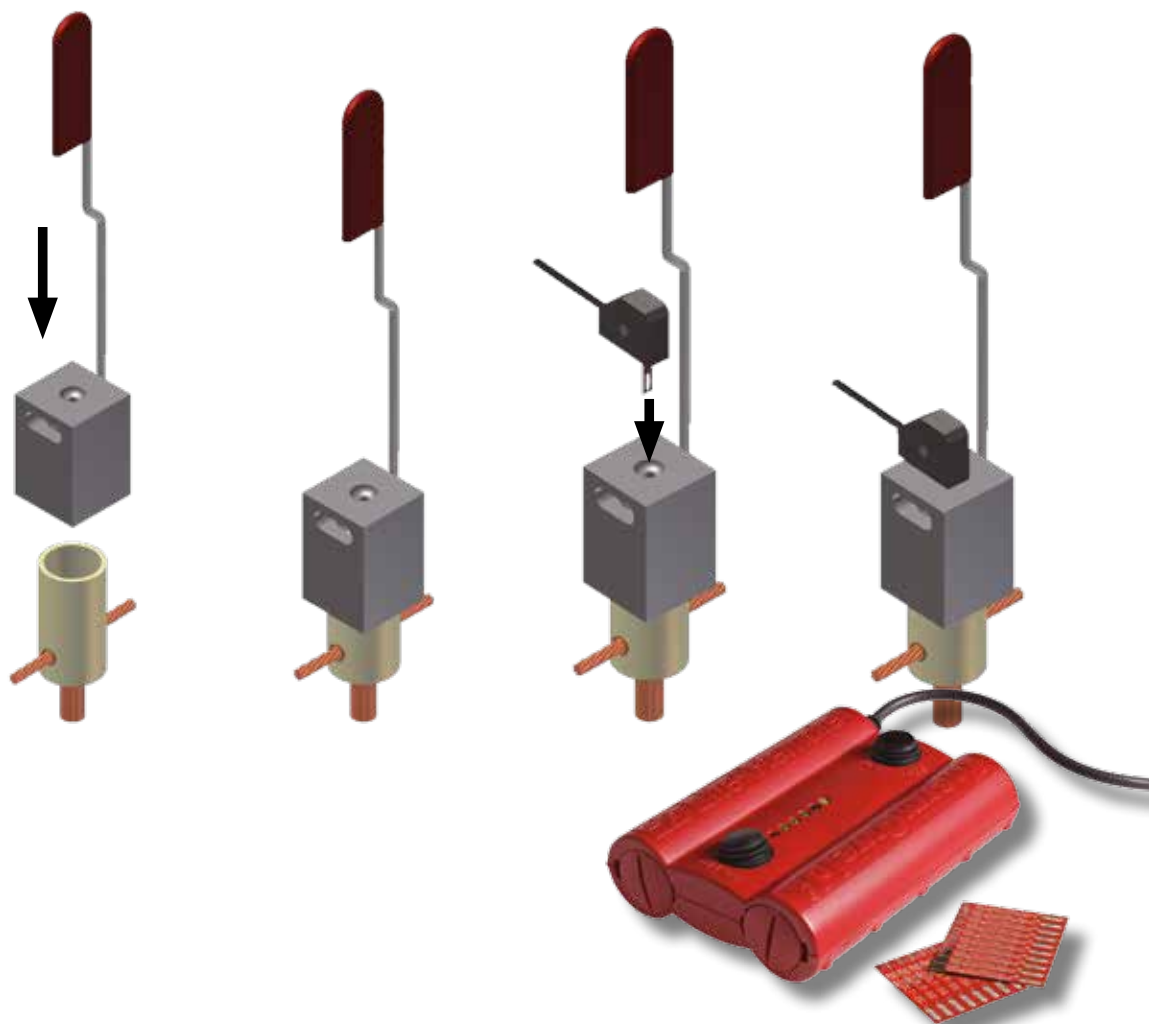
Follow steps 1 thru 10 in the Welding Instructions "Weld Procedures" that comes with the Single Shot Mold for proper installation of mold onto ground rod and how to place weld metal into mold.

Replace step 11 in the Welding Instructions "Weld Procedures" with the following;

11. Discard ceramic lid included with mold. Slide EZ Lite Remote® Single Shot Adapter over mold as shown.

Continue the instructions steps 12 through 14 in the Welding Instructions "Weld Procedures" that comes with the Single Shot Mold to complete weld.

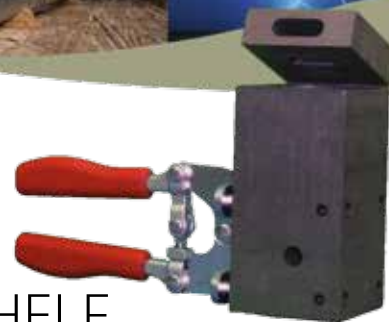
Part Number: 38-EZLT-SS





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|-------|--|--|--------------|------------|-------------|
|-------|--|--|--------------|------------|-------------|

|         |          |          |        |                                 |                                              |
|---------|----------|----------|--------|---------------------------------|----------------------------------------------|
| M-206   | M-547    | M-2540   | M-2006 | #15 Standard Weld Metal         | B-106 Handle Clamp                           |
| M-208   | M-548    | M-2707   | M-2008 | #25 Standard Weld Metal         | B-106 Vertical Handle Clamp                  |
| M-223   | M-549    | M-2781-S | M-2012 | #32 Standard Weld Metal         | Mini-Handle Clamp                            |
| M-223-S | M-550    | M-5059   | M-2013 | #45 Standard Weld Metal         | Flint Ignitors                               |
| M-228   | M-559    | M-5105   | M-2014 | #65 Standard Weld Metal         | Steel Disc                                   |
| M-232   | M-560    | M-5415-S | M-2015 | #90 Standard Weld Metal         | Mold Cleaner                                 |
| M-235   | M-561    | M-5472   | M-2017 | #115 Standard Weld Metal        | Natural Bristle Brush                        |
| M-236   | M-647    | M-6199   | M-2018 | #150 Standard Weld Metal        | Shim Stock                                   |
| M-241   | M-588    | M-6199-S | M-2021 | #200 Standard Weld Metal        | 1 lb Packing Material                        |
| M-243   | M-588-S  | M-6618-S | M-2027 | #250 Standard Weld Metal        | Ceramic Fiber Packing                        |
| M-244   | M-590    | M-8718   | M-2029 | #500 Standard Weld Metal        | 1/8" x 1" Offset Copper Lug 1 Hole           |
| M-246   | M-591    | M-8833   | M-2032 | #65 EZ Lite Remote® Weld Metal  | 1/8" x 1" Offset Copper Lug 2 Hole           |
| M-247   | M-593    | M-9021   | M-2107 | #45 EZ Lite Remote® Weld Metal  | 1/4" x 1" Offset Copper Lug 1 Hole           |
| M-280   | M-630-S  | M-9233   |        | #90 EZ Lite Remote® Weld Metal  | 1/4" x 1" Offset Copper Lug 2 Hole           |
| M-434   | M-1276-S | M-9233-S |        | #115 EZ Lite Remote® Weld Metal | 1/4" x 1 1/2" Offset Copper Lug 1 Hole       |
| M-443   | M-1313-S |          |        | #150 EZ Lite Remote® Weld Metal | 1/4" x 1 1/2" Offset Copper Lug 2 Hole       |
| M-506   | M-1322   |          |        | #200 EZ Lite Remote® Weld Metal | Tin Plated Straight Lug                      |
| M-508   | M-1331   |          |        | #250 EZ Lite Remote® Weld Metal | Ez-Lite Remote® Ignitors                     |
| M-518   | M-1587   |          |        |                                 | Ez Lite Remote® Unit                         |
| M-545   | M-1596   |          |        |                                 | Ez Lite Remote® Starter Kit                  |
| M-545-S | M-2189   |          |        |                                 | EZ Lite Remote® Single Shot Graphite Adapter |
|         |          |          |        |                                 | 6 ft Cable Assembly for EZ Lite Remote®      |

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