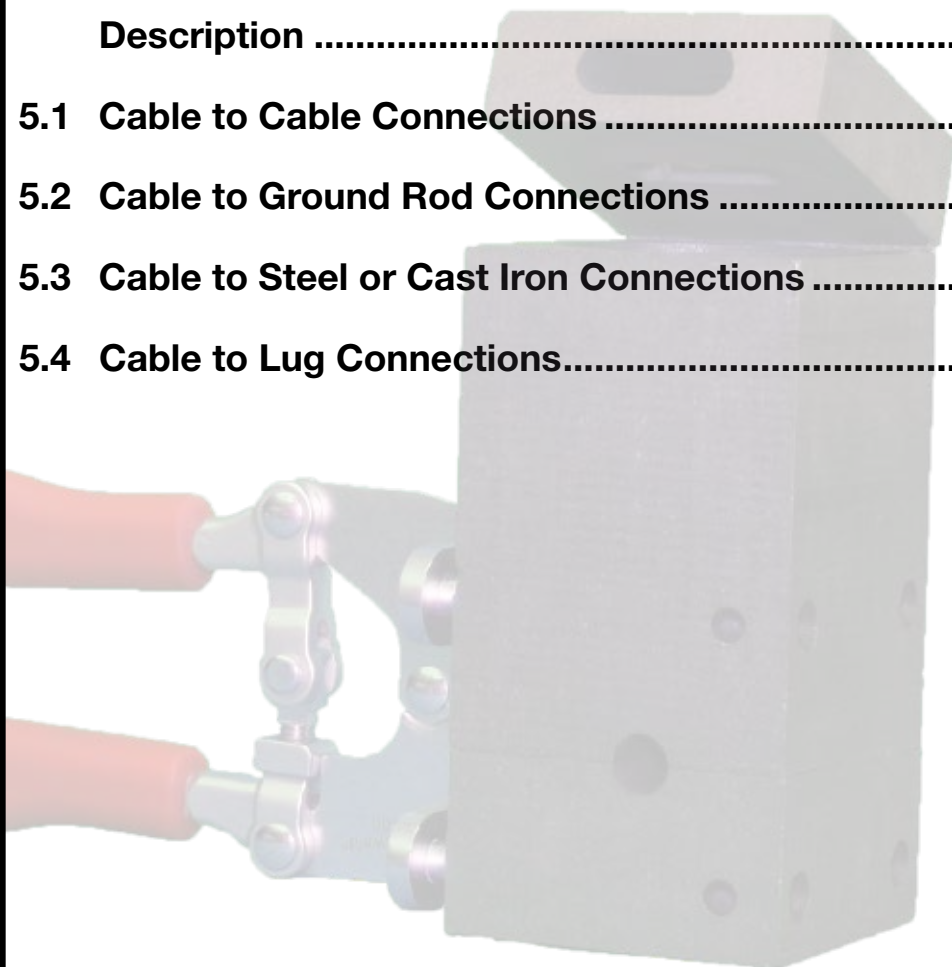


# Section 3 Molds for use with Copper-Clad Steel Conductors

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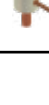
Section 3 - Molds  
Copper-Clad Steel Conductors



Connecting Power to Your World™



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	Single Shot 94

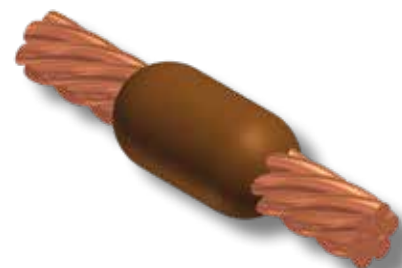
Section 3 - Molds  
Copper-Clad Steel Conductors

# CC-1

## TYPE MOLDS

*Horizontal End to End*  
For Copper-Clad Steel Conductors

MOLDS FOR COPPER-CLAD STEEL 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
7/#10	M-9018	4	32	B-106	2	M-9018-H	4	65	B-106	4
7/#8	M-9050	4	45	B-106	2	M-9050-H	4	90	B-106	4
7/#7	M-9195	4	65	B-106	2	M-9195-H	4	115	B-106	2
7/#6	M-9051	4	90	B-106	2	M-9051-H	4	150	B-106	2
7/#5	M-9052	4	115	B-106	2	M-9052-H	4	250	B-106	4
19/#9	M-9053	4	115	B-106	2	M-9053-H	4	200	B-106	4
19/#8	M-9054	4	115	B-106	4	M-9054-H	4	200	B-106	4
19/#7	M-9196	4	150	B-106	2	M-9196-H	4	250	B-106	4
19/#6	M-9055	4	200	B-106	4	M-9055-H	5	2-150	B-107	4

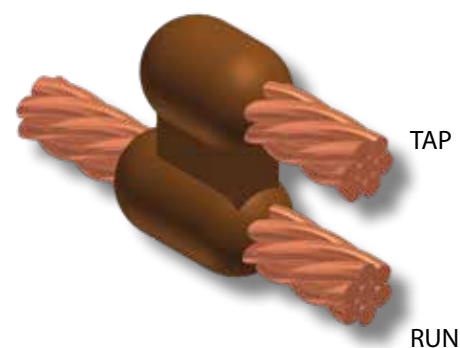


# CC-6

## TYPE MOLDS

*Horizontal Parallel Tap*  
For Copper-Clad Steel Conductors

MOLDS FOR COPPER-CLAD STEEL CONDUCTORS						
Cable		Mold #	Price Key	Weld Metal	Handle Clamps	Lead Time
Run	Tap					
7/#10	#2	M-9384	4	65	B-106	4
	#4	M-9392	4	45	B-106	4
	#6	M-9700	4	32	B-106	4
	#6 Sol	M-9407	4	32	B-106	4
	#8 Sol	M-9423	4	32	B-106	4
7/#8	#2	M-9424	4	65	B-106	4
	#4	M-9425	4	45	B-106	4
	#6	M-9429	4	45	B-106	4
	#6 Sol	M-9447	4	45	B-106	4
	#8 Sol	M-9448	4	45	B-106	4
7/#7	#2	M-9449	4	65	B-106	4
	#4	M-9450	4	65	B-106	4
	#6	M-9451	4	45	B-106	4
	#6 Sol	M-9452	4	45	B-106	4
	#8 Sol	M-9453	4	45	B-106	4
7/#6	#2	M-9454	4	90	B-106	4
	#4	M-9455	4	65	B-106	4
	#6	M-9456	4	65	B-106	4
	#6 Sol	M-9457	4	65	B-106	4
	#8 Sol	M-9458	4	65	B-106	4
7/#5	#2	M-9459	4	90	B-106	2
	#4	M-9460	4	90	B-106	4
	#6	M-9461	4	65	B-106	4
	#6 Sol	M-9462	4	65	B-106	4
	#8 Sol	M-9463	4	90	B-106	4



- For sizes not listed, 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
  - 38-0330-00 ~ Cable Clamp

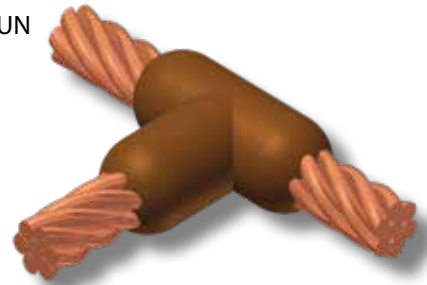
Section 3 - Molds  
Copper-Clad Steel Conductors

## CC-2

### TYPE MOLDS

**Horizontal Cable Tap to Horizontal Cable Run  
For Copper-Clad Steel Conductors**

RUN



TAP

MOLDS FOR COPPER-CLAD STEEL 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
7/#10	7/#10	M-9020	4	45	B-106	4	M-9020-H	4	90	B-106	4
7/#8	7/#8	M-9060	4	65	B-106	2	M-9060-H	4	115	B-106	4
	7/#10	M-9197	4	45	B-106	4	M-9197-H	4	90	B-106	4
	2/0	M-9061	4	90	B-106	4	M-9061-H	4	150	B-106	4
	4/0	M-9062	4	90	B-106	4	M-9062-H	4	200	B-106	4
7/#7	7/#7	M-9198	4	90	B-106	2	M-9198-H	4	150	B-106	4
	7/#8	M-9022	4	90	B-106	4	M-9022-H	4	150	B-106	4
	7/#10	M-9290	4	45	B-106	4	M-9290-H	4	90	B-106	4
	2/0	M-9201	4	90	B-106	2	M-9201-H	4	150	B-106	4
7/#6	4/0	M-9202	4	115	B-106	4	M-9202-H	4	200	B-106	4
	7/#6	M-9362	4	115	B-106	2	M-9362-H	4	200	B-106	2
	7/#7	M-9023	4	90	B-106	4	M-9023-H	4	150	B-106	4
	7/#8	M-9024	4	90	B-106	4	M-9024-H	4	150	B-106	4
	7/#10	M-9025	4	45	B-106	4	M-9025-H	4	45	B-106	4
	2/0	M-9382	4	90	B-106	4	M-9382-H	4	150	B-106	4
7/#5	4/0	M-9063	4	115	B-106	4	M-9063-H	4	250	B-106	2
	7/#5	M-9064	4	150	B-106	2	M-9064-H	4	250	B-106	4
	7/#6	M-9026	4	115	B-106	4	M-9026-H	4	200	B-106	4
	7/#7	M-9213	4	90	B-106	2	M-9213-H	4	150	B-106	4
	7/#8	M-9065	4	90	B-106	4	M-9065-H	4	150	B-106	4
	7/#10	M-9343	4	90	B-106	2	M-9343-H	4	150	B-106	4
	2/0	M-9321	4	90	B-106	4	M-9321-H	4	150	B-106	4
	4/0	M-9066	4	150	B-106	2	M-9066-H	4	250	B-106	2
19/#9	19/#9	M-9067	4	150	B-106	2	M-9067-H	4	250	B-106	4
	7/#5	M-9027	4	150	B-106	4	M-9027-H	4	250	B-106	4
	7/#6	M-9028	4	150	B-106	4	M-9028-H	4	250	B-106	4
	7/#7	M-9203	4	90	B-106	2	M-9203-H	4	150	B-106	4
	7/#8	M-9030	4	90	B-106	4	M-9030-H	4	150	B-106	4
	2/0	M-9031	4	90	B-106	4	M-9031-H	4	150	B-106	4
4/0	M-9068	4	150	B-106	4	M-9068-H	4	250	B-106	4	

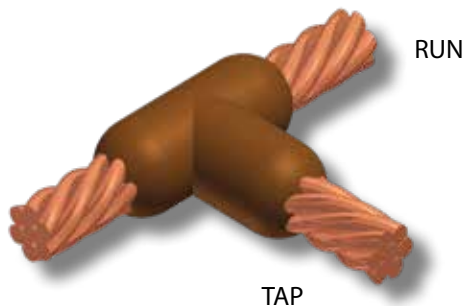
- For sizes not listed, contact thermOweld®.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for 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

Section 3 - Molds  
Copper-Clad Steel Conductors

# CC-2

## TYPE MOLDS

*Horizontal Cable Tap to Horizontal Cable Run  
For Copper-Clad Steel Conductors*



MOLDS FOR COPPER-CLAD STEEL 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
19/#8	19/#8	M-9069	4	200	B-106	2	M-9069-H	5	2-150	B-107	4
	19/#9	M-9032	4	150	B-106	4	M-9032-H	4	250	B-106	4
	7/#5	M-9047	4	150	B-106	4	M-9047-H	4	250	B-106	4
	7/#6	M-9033	4	150	B-106	4	M-9033-H	4	250	B-106	4
	7/#7	M-9040	4	90	B-106	4	M-9040-H	4	150	B-106	4
	7/#8	M-9070	4	90	B-106	4	M-9070-H	4	150	B-106	4
	2/0	M-9071	4	90	B-106	4	M-9071-H	4	150	B-106	4
4/0	M-9042	4	150	B-106	4	M-9042-H	4	250	B-106	4	
19/#7	19/#7	M-9073	4	200	B-106	4	M-9073-H	5	2-200	B-107	4
	19/#8	M-9034	4	200	B-106	4	M-9034-H	5	2-150	B-107	4
	19/#9	M-9204	4	200	B-106	4	M-9204-H	5	2-150	B-107	4
	7/#5	M-9442	4	150	B-106	4	M-9442-H	5	2-150	B-107	4
	7/#6	M-9035	4	150	B-106	4	M-9035-H	4	250	B-106	4
	7/#7	M-9074	4	90	B-106	4	M-9074-H	4	150	B-106	4
	7/#8	M-9036	4	90	B-106	4	M-9036-H	4	150	B-106	4
	2/0	M-9147	4	90	B-106	4	M-9147-H	4	150	B-106	4
	4/0	M-9148	4	150	B-106	2	M-9148-H	4	250	B-106	4
500 MCM	M-9075	4	250	B-106	4	M-9075-H	5	2-200	B-107	4	
19/#6	19/#6	M-9076	4	2-150	B-106	4	M-9076-H	5	500	B-107	4
	19/#7	M-9149	4	200	B-106	4	M-9149-H	5	2-200	B-107	4
	19/#8	M-9038	4	200	B-106	4	M-9038-H	5	2-150	B-107	4
	19/#9	M-9077	4	200	B-106	4	M-9077-H	5	2-150	B-107	4
	7/#5	M-9393	4	150	B-106	4	M-9393-H	5	2-150	B-107	4
	7/#6	M-9289	4	115	B-106	4	M-9289-H	4	250	B-106	4
	2/0	M-9039	4	90	B-106	4	M-9039-H	4	150	B-106	4
	4/0	M-9078	4	150	B-106	2	M-9078-H	5	2-150	B-107	4
	500 MCM	M-9011	4	2-150	B-106	4	M-9011-H	5	500	B-107	4

Section 3 - Molds  
Copper-Clad Steel Conductors

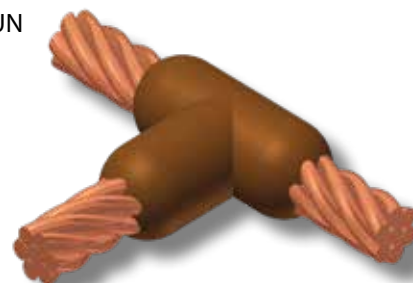
- For sizes not listed, contact thermOweld®.
- For molds with wear plates, see page 135.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for 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-2

### TYPE MOLDS

*Horizontal Cable Tap to Horizontal Cable Run  
For Copper-Clad Steel Conductors*

RUN

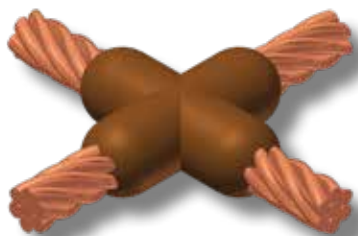


TAP

MOLDS FOR COPPER-CLAD STEEL 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
2/0	19/#6	M-9207	4	115	B-106	4	M-9207-H	4	200	B-106	4
	19/#7	M-9208	4	115	B-106	4	M-9208-H	4	200	B-106	4
	19/#8	M-9209	4	115	B-106	4	M-9209-H	4	200	B-106	4
	19/#9	M-9082	4	115	B-106	4	M-9082-H	4	200	B-106	4
	7/#5	M-9210	4	115	B-106	2	M-9210-H	4	200	B-106	4
	7/#6	M-9409	4	90	B-106	4	M-9409-H	4	150	B-106	2
	7/#7	M-9211	4	90	B-106	4	M-9211-H	4	150	B-106	4
	7/#8	M-9001	4	90	B-106	4	M-9001-H	4	150	B-106	4
7/#10	M-9004	4	65	B-106	4	M-9004-H	4	115	B-106	4	
4/0	19/#6	M-9083	4	150	B-106	2	M-9083-H	4	250	B-106	4
	19/#7	M-9427	4	150	B-106	4	M-9427-H	4	250	B-106	4
	19/#8	M-9212	4	150	B-106	4	M-9212-H	4	250	B-106	2
	19/#9	M-9084	4	150	B-106	2	M-9084-H	4	250	B-106	2
	7/#5	M-9331	4	150	B-106	2	M-9331-H	4	250	B-106	4
	7/#6	M-9000	4	150	B-106	2	M-9000-H	4	250	B-106	4
	7/#7	M-9150	4	90	B-106	4	M-9150-H	4	150	B-106	4
	7/#8	M-9085	4	90	B-106	2	M-9085-H	4	150	B-106	4
7/#10	M-9216	4	90	B-106	4	M-9216-H	4	150	B-106	4	
250 MCM	19/#6	M-9217	4	150	B-106	4	M-9217-H	4	250	B-106	4
	19/#7	M-9218	4	150	B-106	4	M-9218-H	4	250	B-106	4
	19/#8	M-9219	4	150	B-106	4	M-9219-H	4	250	B-106	4
	19/#9	M-9220	4	150	B-106	4	M-9220-H	4	250	B-106	4
	7/#5	M-9221	4	150	B-106	2	M-9221-H	4	250	B-106	4
	7/#6	M-9222	4	150	B-106	4	M-9222-H	4	250	B-106	4
	7/#7	M-9223	4	90	B-106	4	M-9223-H	4	150	B-106	4
	7/#8	M-9087	4	90	B-106	4	M-9087-H	4	150	B-106	4
7/#10	M-9224	4	90	B-106	4	M-9224-H	4	150	B-106	4	
500 MCM	19/#6	M-9154	4	2-150	B-106	4	M-9154-H	5	500	B-107	4
	19/#7	M-9155	4	250	B-106	4	M-9155-H	5	2-200	B-107	4
	19/#8	M-9088	4	200	B-106	4	M-9088-H	5	2-150	B-107	4
	19/#9	M-9156	4	200	B-106	2	M-9156-H	5	2-150	B-107	2
	7/#5	M-9010	4	200	B-106	2	M-9010-H	5	2-150	B-107	4
	7/#6	M-9241	4	150	B-106	4	M-9241-H	4	250	B-106	4
	7/#7	M-9157	4	115	B-106	4	M-9157-H	4	200	B-106	4
	7/#8	M-9090	4	115	B-106	4	M-9090-H	4	200	B-106	4

- For sizes not listed, 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

Section 3 - Molds  
Copper-Clad Steel Conductors



# CC-4

## TYPE MOLDS

*Horizontal to Horizontal Cable Cross  
For Copper-Clad Steel Conductors  
Tap Cable is Cut*

MOLDS FOR COPPER-CLAD STEEL 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
7/#10	7/#10	M-9243	4	65	B-106	4	M-9243-H	4	115	B-106	4
7/#8	7/#8	M-9091	4	90	B-106	4	M-9091-H	4	150	B-106	4
	7/#10	M-9244	4	90	B-106	4	M-9244-H	4	150	B-106	4
7/#7	7/#7	M-9159	4	115	B-106	2	M-9159-H	4	200	B-106	4
	7/#8	M-9292	4	115	B-106	4	M-9292-H	4	200	B-106	4
	7/#10	M-9247	4	115	B-106	4	M-9247-H	4	200	B-106	4
7/#6	7/#6	M-9293	4	200	B-106	2	M-9293-H	5	2-150	B-107	4
	7/#7	M-9248	4	150	B-106	4	M-9248-H	4	250	B-106	4
	7/#8	M-9249	4	150	B-106	4	M-9249-H	4	200	B-106	4
	7/#10	M-9250	4	115	B-106	4	M-9250-H	4	200	B-106	4
7/#5	7/#5	M-9092	4	200	B-106	4	M-9092-H	5	2-150	B-107	4
	7/#6	M-9252	4	200	B-106	4	M-9252-H	5	2-150	B-107	4
	7/#7	M-9281	4	150	B-106	4	M-9281-H	4	250	B-106	4
	7/#8	M-9251	4	150	B-106	2	M-9251-H	4	250	B-106	4
19/#9	19/#9	M-9093	4	200	B-106	2	M-9093-H	5	2-150	B-107	4
	7/#5	M-9256	4	200	B-106	4	M-9256-H	5	2-150	B-107	4
	7/#6	M-9257	4	200	B-106	4	M-9257-H	5	2-150	B-107	4
	7/#7	M-9274	4	150	B-106	2	M-9274-H	4	250	B-106	4
19/#8	7/#8	M-9279	4	150	B-106	4	M-9279-H	4	250	B-106	4
	19/#8	M-9094	4	250	B-106	4	M-9094-H	5	2-200	B-107	4
	19/#9	M-9300	4	250	B-106	4	M-9300-H	5	2-200	B-107	4
	7/#5	M-9258	4	250	B-106	4	M-9258-H	5	2-200	B-107	4
	7/#6	M-9301	4	200	B-106	4	M-9301-H	5	2-150	B-107	4
19/#7	7/#7	M-9302	4	150	B-106	4	M-9302-H	4	250	B-106	4
	7/#8	M-9303	4	150	B-106	4	M-9303-H	4	250	B-106	4
	19/#7	M-9163	5	2-150	B-107	4	M-9163-H	5	500	B-107	4
	19/#8	M-9306	5	2-150	B-107	4	M-9306-H	5	500	B-107	4
	19/#9	M-9389	5	2-150	B-107	4	M-9389-H	5	500	B-107	4
	7/#5	M-9307	5	2-150	B-107	4	M-9307-H	5	500	B-107	4
	7/#6	M-9421	4	250	B-106	4	M-9421-H	5	2-200	B-107	4
	7/#7	M-9308	4	200	B-106	4	M-9308-H	5	2-150	B-107	4
7/#8	M-9310	4	200	B-106	4	M-9310-H	5	2-150	B-107	4	
19/#6	19/#6	M-9284	5	500	B-107	4	M-9284-H	5	3-250	B-107	4
	19/#7	M-9313	5	500	B-107	4	M-9313-H	5	3-250	B-107	4
	19/#8	M-9314	5	2-200	B-107	4	M-9314-H	5	3-200	B-107	4
	19/#9	M-9344	5	2-150	B-107	4	M-9344-H	5	500	B-107	4
	7/#5	M-9345	5	2-150	B-107	4	M-9345-H	5	500	B-107	4
	7/#6	M-9348	5	2-150	B-107	4	M-9348-H	5	500	B-107	4
	7/#7	M-9350	4	250	B-106	4	M-9350-H	5	2-200	B-107	4
	7/#8	M-9358	4	250	B-106	4	M-9358-H	5	2-200	B-107	4

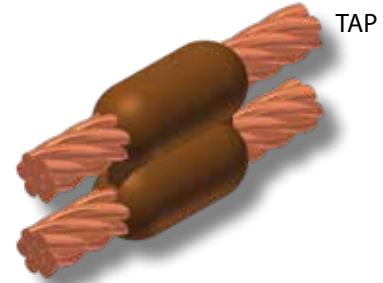
- For sizes not listed, contact thermOweld®.
- For expedited service, contact thermOweld®.
- To order weld metal for use with EZ Lite Remote® insert TW before and EZ after weld metal number.
- Required Tools;
  - Handle Clamps w/ Flint Ignitor (see chart for correct handles)
  - 38-0309-00 ~ Flint Ignitor 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

Section 3 - Molds  
Copper-Clad Steel Conductors

## CC-7

### TYPE MOLDS

Horizontal Parallel through Cables  
For Copper-Clad Steel Conductors



MOLDS FOR COPPER-CLAD STEEL 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
7/#10	7/#10	M-9437	4	65	B-106	2	M-9437-H	4	115	B-106	4
7/#8	7/#8	M-9138	4	90	B-106	2	M-9138-H	4	150	B-106	4
	7/#10	M-9464	4	65	B-106	4	M-9464-H	4	115	B-106	4
7/#7	7/#7	M-9433	4	115	B-106	2	M-9433-H	4	200	B-106	2
	7/#8	M-9465	4	115	B-106	4	M-9465-H	4	200	B-106	4
	7/#10	M-9466	4	90	B-106	4	M-9466-H	4	150	B-106	4
7/#6	7/#6	M-9408	4	150	B-106	2	M-9408-H	4	250	B-106	4
	7/#7	M-9467	4	150	B-106	4	M-9467-H	4	250	B-106	4
	7/#8	M-9468	4	115	B-106	4	M-9468-H	4	200	B-106	4
	7/#10	M-9469	4	115	B-106	4	M-9469-H	4	200	B-106	4
7/#5	7/#5	M-9470	4	200	B-106	2	M-9470-H	5	2-150	B-107	4
	7/#6	M-9471	4	200	B-106	4	M-9471-H	5	2-150	B-107	4
	7/#7	M-9472	4	150	B-106	4	M-9472-H	4	250	B-106	4
	7/#8	M-9473	4	150	B-106	4	M-9473-H	4	250	B-106	4
19/#9	19/#9	M-9379	4	250	B-106	2	M-9379-H	5	2-200	B-107	2
	7/#5	M-9474	4	200	B-106	4	M-9474-H	5	2-150	B-107	4
	7/#6	M-9475	4	200	B-106	4	M-9475-H	5	2-150	B-107	4
	7/#7	M-9432	4	150	B-106	4	M-9432-H	4	250	B-106	4
	7/#8	M-9476	4	150	B-106	2	M-9476-H	4	250	B-106	4
19/#8	19/#8	M-9136	5	2-150	B-107	4	M-9136-H	5	500	B-107	4
	19/#9	M-9477	4	250	B-106	4	M-9477-H	5	2-200	B-107	2
	7/#5	M-9478	4	200	B-106	2	M-9478-H	5	2-150	B-107	4
	7/#6	M-9479	4	200	B-106	4	M-9479-H	5	2-150	B-107	4
	7/#7	M-9417	4	150	B-106	4	M-9417-H	4	250	B-106	4
	7/#8	M-9480	4	150	B-106	2	M-9480-H	4	250	B-106	4
19/#7	19/#7	M-9481	5	2-150	B-107	4	M-9481-H	5	500	B-107	2
	19/#8	M-9482	5	2-150	B-107	4	M-9482-H	5	500	B-107	4
	19/#9	M-9431	4	250	B-106	4	M-9431-H	5	2-200	B-107	4
	7/#5	M-9483	4	200	B-106	4	M-9483-H	5	2-150	B-107	4
	7/#6	M-9484	4	200	B-106	4	M-9484-H	5	2-150	B-107	4
	7/#7	M-9430	4	150	B-106	4	M-9430-H	4	250	B-106	4
19/#6	7/#8	M-9485	4	150	B-106	4	M-9485-H	4	250	B-106	4
	19/#6	M-9486	5	2-200	B-107	2	M-9486-H	6	3-200	B-107	4
	19/#7	M-9487	5	2-150	B-107	4	M-9487-H	5	500	B-107	4
	19/#8	M-9488	5	2-150	B-107	4	M-9488-H	5	500	B-107	4
	19/#9	M-9489	4	250	B-106	2	M-9489-H	5	2-200	B-107	4
	7/#5	M-9490	4	200	B-106	4	M-9490-H	5	2-150	B-107	4
	7/#6	M-9491	4	200	B-106	4	M-9491-H	5	2-150	B-107	4
	7/#7	M-9492	4	150	B-106	4	M-9492-H	4	250	B-106	4
7/#8	M-9493	4	150	B-106	4	M-9493-H	4	250	B-106	4	

- For sizes not listed, 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
  - 38-0330-00 ~ Cable Clamp

Section 3 - Molds  
Copper-Clad Steel Conductors

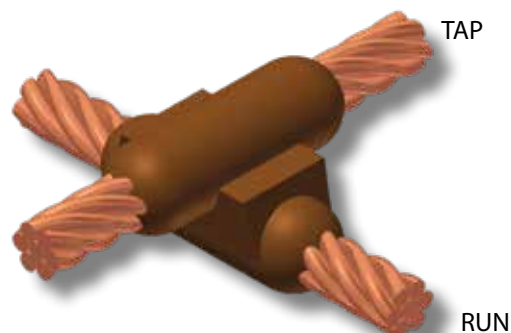


# CC-11

## TYPE MOLDS

Horizontal to Horizontal Cable Cross (Uncut)  
For Copper-Clad Steel Conductors

MOLDS FOR COPPER-CLAD STEEL CONDUCTORS						
Cable		Mold #	Price Key	Weld Metal	Handle Clamps	Lead Time
Run	Tap					
7/#10	7/#10	M-9494	22	90	B-106	4
7/#8	7/#8	M-9133	22	150	B-106	4
	7/#10	M-9495	22	115	B-106	4
7/#7	7/#7	M-9443	22	200	B-106	2
	7/#8	M-9702	22	200	B-106	4
	7/#10	M-9496	22	150	B-106	4
7/#6	7/#6	M-9245	22	250	B-106	4
	7/#7	M-9497	22	200	B-106	2
	7/#8	M-9498	22	200	B-106	2
	7/#10	M-9499	22	150	B-106	4
7/#5	7/#5	M-9134	22	250	B-106	2
	7/#6	M-9500	22	250	B-106	4
	7/#7	M-9394	22	200	B-106	4
	7/#8	M-9135	22	200	B-106	4
19/#9	19/#9	M-9186	22	2-150	B-106	2
	7/#5	M-9501	22	2-150	B-106	4
	7/#6	M-9502	22	2-150	B-106	4
	7/#7	M-9503	22	250	B-106	4
19/#8	7/#8	M-9504	22	250	B-106	4
	19/#8	M-9043	23	2-200	B-107	2
	19/#9	M-9505	23	2-200	B-107	4
	7/#5	M-9048	22	2-150	B-106	4
	7/#6	M-9506	22	2-150	B-106	4
	7/#7	M-9507	22	250	B-106	4
19/#7	7/#8	M-9508	22	250	B-106	4
	19/#7	M-9444	23	500	B-107	4
	19/#8	M-9509	23	500	B-107	4
	19/#9	M-9510	23	500	B-107	4
	7/#5	M-9511	23	2-200	B-107	4
	7/#6	M-9512	23	2-200	B-107	4
	7/#7	M-9513	22	2-150	B-106	4
19/#6	7/#8	M-9514	22	2-150	B-106	4
	19/#6	M-9515	23	3-250	B-107	4
	19/#7	M-9516	23	3-200	B-107	4
	19/#8	M-9517	23	3-200	B-107	4
	19/#9	M-9518	23	500	B-107	4
	7/#5	M-9395	23	500	B-107	4
	7/#6	M-9519	23	500	B-107	4
	7/#7	M-9520	23	2-200	B-107	4
7/#8	M-9521	22	2-150	B-106	4	



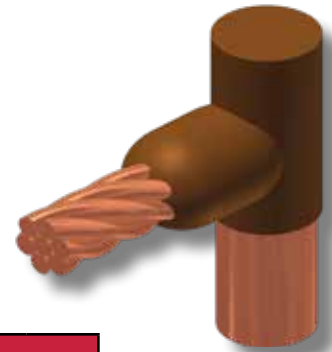
Section 3 - Molds  
Copper-Clad Steel Conductors

- 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;
  - 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 Copper-Clad Steel Conductors**



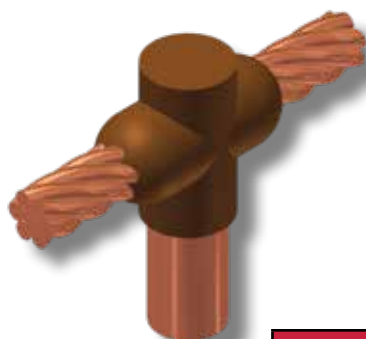
#### MOLDS FOR COPPER-CLAD STEEL CONDUCTORS

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"	7/#10	M-9522	4	65	B-106	4	M-9522-H	4	90	B-106	4
	7/#8	M-9523	4	90	B-106	4	M-9523-H	4	115	B-106	4
	7/#7	M-9164	4	90	B-106	4	M-9164-H	4	150	B-106	4
	7/#6	M-9524	4	90	B-106	4	M-9524-H	4	150	B-106	4
	7/#5	M-9525	4	90	B-106	4	M-9525-H	4	150	B-106	4
	19/#9	M-9165	4	90	B-106	4	M-9165-H	4	150	B-106	4
	19/#8	M-9526	4	90	B-106	4	M-9526-H	4	150	B-106	4
5/8"	7/#10	M-9095	4	65	B-106	4	M-9095-H	4	90	B-106	4
	7/#8	M-9096	4	90	B-106	2	M-9096-H	4	115	B-106	4
	7/#7	M-9166	4	90	B-106	2	M-9166-H	4	115	B-106	4
	7/#6	M-9294	4	90	B-106	2	M-9294-H	4	150	B-106	4
	7/#5	M-9097	4	90	B-106	2	M-9097-H	4	150	B-106	4
	19/#9	M-9167	4	90	B-106	2	M-9167-H	4	150	B-106	4
	19/#8	M-9168	4	115	B-106	2	M-9168-H	4	200	B-106	4
	19/#7	M-9098	4	150	B-106	4	M-9098-H	4	250	B-106	4
3/4"	7/#10	M-9436	4	90	B-106	4	M-9436-H	4	115	B-106	4
	7/#8	M-9099	4	90	B-106	2	M-9099-H	4	150	B-106	4
	7/#7	M-9390	4	90	B-106	2	M-9390-H	4	150	B-106	4
	7/#6	M-9381	4	90	B-106	2	M-9381-H	4	150	B-106	2
	7/#5	M-9100	4	90	B-106	2	M-9100-H	4	150	B-106	4
	19/#9	M-9319	4	90	B-106	4	M-9319-H	4	150	B-106	4
	19/#8	M-9101	4	115	B-106	4	M-9101-H	4	200	B-106	4
	19/#7	M-9428	4	150	B-106	4	M-9428-H	4	250	B-106	4
	19/#6	M-9329	4	150	B-106	4	M-9329-H	4	250	B-106	4
1"	7/#10	M-9533	4	150	B-106	4	M-9533-H	4	200	B-106	4
	7/#8	M-9534	4	150	B-106	4	M-9534-H	4	200	B-106	4
	7/#7	M-9535	4	150	B-106	4	M-9535-H	4	200	B-106	4
	7/#6	M-9002	4	150	B-106	4	M-9002-H	4	250	B-106	4
	7/#5	M-9536	4	150	B-106	4	M-9536-H	4	250	B-106	4
	19/#9	M-9537	4	150	B-106	4	M-9537-H	4	250	B-106	4
	19/#8	M-9538	4	200	B-106	4	M-9538-H	5	2-150	B-107	4
	19/#7	M-9539	4	200	B-106	4	M-9539-H	5	2-150	B-107	4
	19/#6	M-9540	4	200	B-106	4	M-9540-H	5	2-150	B-107	4

- 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 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

#### 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 Copper-Clad Steel Conductors

MOLDS FOR COPPER-CLAD STEEL 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"	7/#10	M-9543	4	90	B-106	4	M-9543-H	4	150	B-106	4
	7/#8	M-9544	4	90	B-106	4	M-9544-H	4	150	B-106	4
	7/#7	M-9169	4	90	B-106	4	M-9169-H	4	150	B-106	4
	7/#6	M-9545	4	115	B-106	4	M-9545-H	4	200	B-106	4
	7/#5	M-9102	4	150	B-106	4	M-9102-H	4	250	B-106	4
	19/#9	M-9170	4	150	B-106	4	M-9170-H	4	250	B-106	4
5/8"	19/#8	M-9546	4	200	B-106	4	M-9546-H	5	2-150	B-107	4
	7/#10	M-9550	4	90	B-106	2	M-9550-H	4	150	B-106	4
	7/#8	M-9103	4	115	B-106	4	M-9103-H	4	200	B-106	4
	7/#7	M-9171	4	115	B-106	2	M-9171-H	4	200	B-106	4
	7/#6	M-9297	4	115	B-106	2	M-9297-H	4	200	B-106	4
	7/#5	M-9104	4	150	B-106	2	M-9104-H	4	250	B-106	4
	19/#9	M-9105	4	150	B-106	2	M-9105-H	4	250	B-106	4
	19/#8	M-9106	4	200	B-106	2	M-9106-H	5	2-150	B-107	4
3/4"	19/#7	M-9172	4	250	B-106	2	M-9172-H	5	2-200	B-107	4
	19/#6	M-9107	4	250	B-106	4	M-9107-H	5	2-200	B-107	4
	7/#10	M-9552	4	90	B-106	4	M-9552-H	4	150	B-106	4
	7/#8	M-9108	4	115	B-106	2	M-9108-H	4	200	B-106	4
	7/#7	M-9287	4	115	B-106	2	M-9287-H	4	200	B-106	4
	7/#6	M-9380	4	115	B-106	2	M-9380-H	4	200	B-106	4
	7/#5	M-9109	4	150	B-106	2	M-9109-H	4	250	B-106	4
	19/#9	M-9110	4	150	B-106	2	M-9110-H	4	250	B-106	4
1"	19/#8	M-9111	4	200	B-106	4	M-9111-H	5	2-150	B-107	4
	19/#7	M-9320	4	250	B-106	4	M-9320-H	5	2-200	B-107	4
	19/#6	M-9291	4	250	B-106	4	M-9291-H	5	2-200	B-107	2
	7/#10	M-9554	4	150	B-106	4	M-9554-H	4	250	B-106	2
	7/#8	M-9699	4	150	B-106	4	M-9699-H	4	250	B-106	4
	7/#7	M-9555	4	150	B-106	4	M-9555-H	4	250	B-106	4
	7/#6	M-9556	4	150	B-106	4	M-9556-H	4	250	B-106	4
	7/#5	M-9557	4	200	B-106	4	M-9557-H	5	2-150	B-107	4
1"	19/#9	M-9558	4	200	B-106	4	M-9558-H	5	2-150	B-107	4
	19/#8	M-9559	4	200	B-106	4	M-9559-H	5	2-150	B-107	4
	19/#7	M-9560	4	250	B-106	4	M-9560-H	5	2-200	B-107	4
	19/#6	M-9561	4	250	B-106	4	M-9561-H	5	2-200	B-107	4

Section 3 - Molds  
Copper-Clad Steel Conductors

NOTES

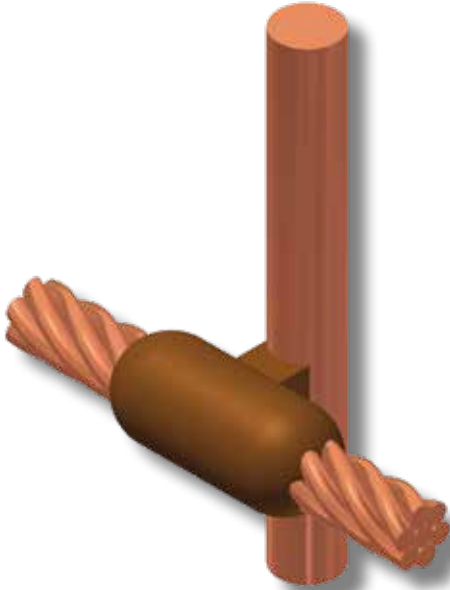
- Molds listed are for copper clad steel ground rods: 1/2" rods are 0.475" diameter, 5/8" rods are 0.563" diameter, 3/4" rods are 0.682" diameter, and 1" rods are 0.914" diameter. **Undersized ground rods may require shim stock or packing material.**
- Molds are available for galvanized steel, stainless 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 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;
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0304-00 ~ File
  - 38-0330-00 ~ Cable Clamp

## CR-3

### TYPE MOLDS

**Horizontal Thru Cable to Ground Rod  
For Copper-Clad Steel Conductors**



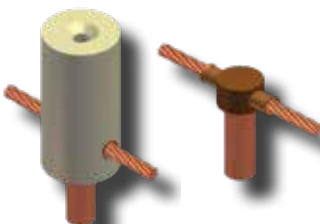
#### NOTES

- 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.

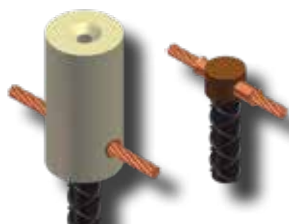
MOLDS FOR COPPER-CLAD STEEL CONDUCTORS						
Ground Rod Size	Cable Size	Mold #	Price Key	Weld Metal	Handle Clamps	Lead Time
1/2"	7/#10	M-9563	24	90	B-106	4
	7/#8	M-9564	24	115	B-106	4
	7/#7	M-9439	24	115	B-106	4
	7/#6	M-9565	24	150	B-106	4
	7/#5	M-9440	24	150	B-106	4
	19/#9	M-9387	24	150	B-106	4
19/#8	M-9566	24	200	B-106	4	
5/8"	7/#10	M-9567	24	90	B-106	4
	7/#8	M-9278	24	115	B-106	4
	7/#7	M-9568	24	115	B-106	2
	7/#6	M-9276	24	150	B-106	2
	7/#5	M-9143	24	150	B-106	2
	19/#9	M-9336	24	150	B-106	2
	19/#8	M-9569	24	200	B-106	4
	19/#7	M-9335	13	2-150	B-107	4
19/#6	M-9570	13	2-200	B-107	4	
3/4"	7/#10	M-9571	24	90	B-106	2
	7/#8	M-9049	24	115	B-106	4
	7/#7	M-9271	24	115	B-106	4
	7/#6	M-9268	24	150	B-106	4
	7/#5	M-9226	24	200	B-106	2
	19/#9	M-9142	24	200	B-106	2
	19/#8	M-9572	24	250	B-106	4
	19/#7	M-9573	13	2-200	B-107	4
	19/#6	M-9328	13	500	B-107	4
1"	7/#10	M-9574	24	90	B-106	4
	7/#8	M-9349	24	115	B-106	4
	7/#7	M-9575	24	115	B-106	4
	7/#6	M-9576	24	150	B-106	4
	7/#5	M-9577	24	200	B-106	4
	19/#9	M-9578	24	200	B-106	4
	19/#8	M-9579	24	250	B-106	4
	19/#7	M-9580	13	2-200	B-107	4
19/#6	M-9581	13	500	B-107	4	

- 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 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

## Single Shot Molds



CR-2



CRE-16

Grd Rod Size	Cable Size	Type	Mold #	Lead Time
5/8"	7/#10	CR-2	M-2022	4

Rebar Size	Cable Size	Type	Mold #	Lead Time
#4	7/#10	CRE-16	M-8946	4

See page 51 or 81 for EZ Lite Remote application.

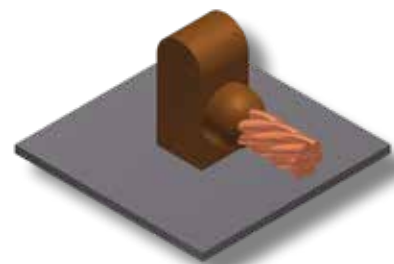
# CS-1

## TYPE MOLDS

**Horizontal Cable to Horizontal Steel Surface  
For Copper-Clad Steel Conductors**

Note that the cable is OFF the surface

MOLDS FOR COPPER-CLAD STEEL 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
7/#10	M-9582	4	90	B-106	4	M-9582-H	4	150	B-106	4
7/#8	M-9583	4	90	B-106	4	M-9583-H	4	150	B-106	4
7/#7	M-9191	4	90	B-106	2	M-9191-H	4	150	B-106	4
7/#6	M-9584	4	115	B-106	2	M-9584-H	4	200	B-106	4
7/#5	M-9144	4	115	B-106	4	M-9144-H	4	200	B-106	4
19/#9	M-9193	4	115	B-106	4	M-9193-H	4	200	B-106	2
19/#8	M-9585	4	150	B-106	4	M-9585-H	4	250	B-106	4
19/#7	M-9192	4	200	B-106	4	M-9192-H	5	2-150	B-107	4
19/#6	M-9698	4	200	B-106	4	M-9698-H	5	2-150	B-107	4



# CS-8

## TYPE MOLDS

**Horizontal Cable to Horizontal Steel Surface  
For Copper-Clad Steel Conductors**

Note that the cable is ON the surface

MOLDS FOR COPPER-CLAD STEEL 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
7/#10	M-9656	3†	65	Included	4	M-9656-H	4	115	B-106	4
7/#8	M-9661	4	90	B-106	4	FOR HEAVY DUTY CONNECTIONS USE CS-1 TYPE MOLDS				
7/#7	M-9270	4	90	B-106	2					
7/#6	M-9668	4	115	B-106	4					
7/#5	M-9326	4	115	B-106	4					
19/#9	M-9341	4	115	B-106	2					
19/#8	M-9675	4	150	B-106	2					
19/#7	M-9676	4	200	B-106	4					
19/#6	M-9677	4	200	B-106	4					



- For sizes not listed, 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;
  - 40-0319-01 ~ 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 7/#8 & Larger Molds (CS-8 Molds Only)

**Welding to Horizontal Pipe:** To weld to horizontal pipe, add pipe size to mold number. Example: To weld 7/#6 copper-clad steel cable to 6" horizontal pipe, the mold number would be M-9584-6. To weld 7/#8 copper-clad steel cable or smaller to pipe 14" and larger, use flat surface mold. For 7/#7 copper-clad steel cable and larger, use flat surface mold only on pipe 30" and larger.

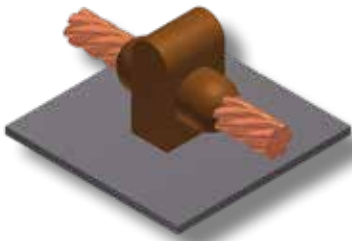
Section 3 - Molds  
Copper-Clad Steel Conductors

## CS-2

### TYPE MOLDS

*Horizontal Thru Cable to Horizontal Steel Surface  
For Copper-Clad Steel Conductors*

Note that the cable is OFF the surface



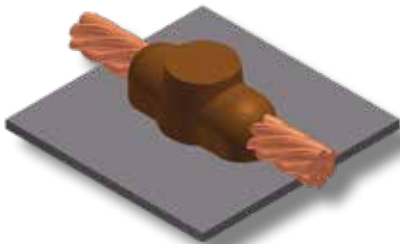
MOLDS FOR COPPER-CLAD STEEL CONDUCTORS										
Cable Size	STANDARD CONNECTION					HEAVY DUTY CONNECTION				
	Mold #	Price Key	Weld Metal	Handle Clamps	Lead Time	Mold #	Price Key	Weld Metal	Handle Clamps	Lead Time
7/#10	M-9586	4	90	B-106	4	M-9586-H	4	150	B-106	4
7/#8	M-9587	4	90	B-106	4	M-9587-H	4	150	B-106	4
7/#7	M-9588	4	115	B-106	4	M-9588-H	4	200	B-106	4
7/#6	M-9141	4	150	B-106	2	M-9141-H	4	250	B-106	4
7/#5	M-9140	4	150	B-106	4	M-9140-H	4	250	B-106	4
19/#9	M-9589	4	150	B-106	4	M-9589-H	4	250	B-106	4
19/#8	M-9590	4	200	B-106	4	M-9590-H	5	2-150	B-107	4
19/#7	M-9591	4	250	B-106	4	M-9591-H	5	2-200	B-107	4
19/#6	M-9592	5	2-150	B-107	4	M-9592-H	5	500	B-107	4

## CS-9

### TYPE MOLDS

*Horizontal Thru Cable to Horizontal Steel Surface  
For Copper-Clad Steel Conductors*

Note that the cable is ON the surface



MOLDS FOR COPPER-CLAD STEEL 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
7/#10	M-9629	3†	65	Included	4	M-9629-H	4	115	B-106	4
7/#8	M-9630	4	90	B-106	4	M-9630-H	4	150	B-106	4
7/#7	M-9631	4	115	B-106	4	M-9631-H	4	200	B-106	4
7/#6	M-9632	4	150	B-106	4	M-9632-H	4	250	B-106	4
7/#5	M-9633	4	150	B-106	4	M-9633-H	4	250	B-106	4
19/#9	M-9634	4	150	B-106	4	M-9634-H	4	250	B-106	4
19/#8	M-9635	4	200	B-106	4	M-9635-H	5	2-150	B-107	4
19/#7	M-9636	4	250	B-106	4	M-9636-H	5	2-200	B-107	4
19/#6	M-9637	5	2-150	B-107	4	M-9637-H	5	500	B-107	4

- For sizes not listed, 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;
  - 40-0319-01 ~ Mold Cleaner for cartridge sizes #15-#65 (Price Key 3 Molds Only)
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0101-00 ~ Rasp
  - 38-4129-00 ~ Packing Material for 7/#8 & Larger Molds (CS-9 Molds Only)

**Welding to Horizontal Pipe:** To weld to horizontal pipe, add pipe size to mold number. Example: To weld 7/#6 copper-clad steel cable to 6" horizontal pipe, the mold number would be M-9141-6. To weld 7/#8 copper-clad steel cable or smaller to pipe 14" and larger, use flat surface mold. For 7/#7 copper-clad steel 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 Copper-Clad Steel Conductors

MOLDS FOR COPPER-CLAD STEEL 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
7/#10	M-9112	4	65	B-106	4	M-9112-H	4	115	B-106	4
7/#8	M-9113	4	90	B-106	4	M-9113-H	4	150	B-106	4
7/#7	M-9173	4	90	B-106	3	M-9173-H	4	150	B-106	4
7/#6	M-9114	4	115	B-106	4	M-9114-H	4	200	B-106	2
7/#5	M-9115	4	115	B-106	4	M-9115-H	4	200	B-106	2
19/#9	M-9174	4	115	B-106	2	M-9174-H	4	200	B-106	2
19/#8	M-9116	4	150	B-106	4	M-9116-H	4	250	B-106	4
19/#7	M-9175	4	200	B-106	4	M-9175-H	5	2-150	B-107	4
19/#6	M-9117	4	200	B-106	4	M-9117-H	5	2-150	B-107	4



**Welding to Vertical Pipe:** To weld to vertical pipe, add pipe size to mold number. Example: To weld 7/#6 copper-clad steel cable to 6" vertical pipe, the mold number would be M-9114-V6. To weld 7/#8 copper-clad steel cable or smaller to pipe 14" and larger, use flat surface mold. For 7/#7 copper-clad steel cable and larger, use flat surface mold only on pipe 30" and larger.

# CS-3

## TYPE MOLDS

Angular Cable Drop to Vertical Steel Pipe  
For Copper-Clad Steel Conductors

MOLDS FOR COPPER-CLAD STEEL CONDUCTORS						
Cable Size	Pipe Size	Mold #	Price Key	Weld Metal	Handle Clamps	Lead Time
7/#10	1 1/4" to 4"	M-9678	4	65	B-106	4
	4" to 6"	M-9679	4	65	B-106	4
	6" to 10"	M-9680	4	65	B-106	4
	12" to 30"	M-9681	4	65	B-106	4
7/#8	1 1/4" to 4"	M-9682	4	90	B-106	2
	4" to 6"	M-9683	4	90	B-106	4
	6" to 10"	M-9684	4	90	B-106	4
	12" to 30"	M-9685	4	90	B-106	4
7/#7	1 1/4" to 4"	M-9686	4	90	B-106	2
	4" to 6"	M-9687	4	90	B-106	2
	6" to 10"	M-9688	4	90	B-106	4
	12" to 30"	M-9689	4	90	B-106	4
7/#6	1 1/4" to 4"	M-9298	4	115	B-106	4
	4" to 6"	M-9691	4	115	B-106	2
	6" to 10"	M-9692	4	115	B-106	4
	12" to 30"	M-9693	4	115	B-106	4
7/#5	1 1/4" to 4"	M-9694	4	115	B-106	4
	4" to 6"	M-9695	4	115	B-106	2
	6" to 10"	M-9696	4	115	B-106	2
	12" to 30"	M-9697	4	115	B-106	4



- **For sizes not listed, 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;
  - 40-0106-32 ~ 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

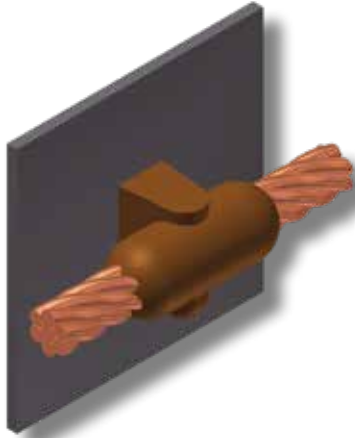
Section 3 - Molds  
Copper-Clad Steel Conductors

## CS-6

### TYPE MOLDS

*Horizontal Thru Cable to Vertical Steel Surface  
For Copper-Clad Steel Conductors*

Note that the cable is OFF the surface



#### MOLDS FOR COPPER-CLAD STEEL CONDUCTORS

Cable Size	Mold #	Price Key	Weld Metal	Handle Clamps	Lead Time
7/#10	M-9597	4	90	B-106	2
7/#8	M-9598	4	115	B-106	4
7/#7	M-9599	4	115	B-106	4
7/#6	M-9600	4	150	B-106	4
7/#5	M-9266	4	150	B-106	4
19/#9	M-9399	4	150	B-106	4

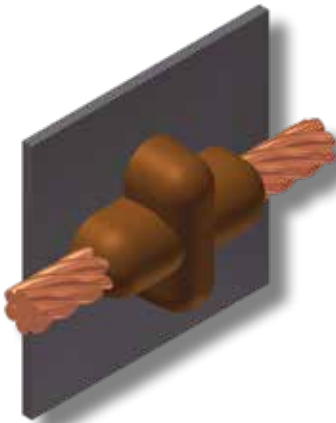
**Welding to Vertical Pipe:** To weld to vertical pipe, add pipe size to mold number. Example: To weld 7/#6 copper-clad steel cable to 6" vertical pipe, the mold number would be M-9600-V6. To weld 7/#8 copper-clad steel cable or smaller to pipe 14" and larger, use flat surface mold. For 7/#7 copper-clad steel cable and larger, use flat surface mold only on pipe 30" and larger.

## CS-27

### TYPE MOLDS

*Horizontal Thru Cable to Vertical Steel Surface  
For Copper-Clad Steel Conductors*

Note that the cable is ON the surface



#### MOLDS FOR COPPER-CLAD STEEL CONDUCTORS

Cable Size	Mold #	Price Key	Weld Metal	Handle Clamps	Lead Time
7/#10	M-9650	4	65	B-106	4
7/#8	M-9651	4	115	B-106	4
7/#7	M-9652	4	115	B-106	4
7/#6	M-9653	4	150	B-106	4
7/#5	M-9654	4	150	B-106	4
19/#9	M-9655	4	150	B-106	4

**Welding to Vertical Pipe:** Use Weld Type CS-6 above.

- For sizes not listed, 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 (CS-6 Molds Only)
  - 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
  - 38-4129-00 ~ Packing Material for 7/#8 & Larger Molds (CS-27 Molds Only)

Section 3 - Molds  
Copper-Clad Steel Conductors



# CS-23

## TYPE MOLDS

**Vertical Cable Drop to Vertical Steel Surface  
For Copper-Clad Steel Conductors**

Note that the cable is OFF the surface

MOLDS FOR COPPER-CLAD STEEL 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
7/#10	M-9438	4	65	B-106	2	M-9438-H	4	115	B-106	4
7/#8	M-9601	4	115	B-106	2	M-9601-H	4	200	B-106	4
7/#7	M-9602	4	115	B-106	2	M-9602-H	4	200	B-106	4
7/#6	M-9412	4	150	B-106	2	M-9412-H	4	250	B-106	4
7/#5	M-9375	4	150	B-106	4	M-9375-H	4	250	B-106	4
19/#9	M-9603	4	200	B-106	2	M-9603-H	17	2-150	B-106	2
19/#8	M-9604	4	200	B-106	4	M-9604-H	17	2-150	B-106	4
19/#7	M-9605	4	250	B-106	4	M-9605-H	5	2-200	B-107	4
19/#6	M-9361	17	2-150	B-106	4	M-9361-H	6	500	B-107	4



# CS-7

## TYPE MOLDS

**Overhead Vertical Tap Cable to Vertical Steel Surface  
For Copper-Clad Steel Conductors**

Note that the cable is ON the surface

MOLDS FOR COPPER-CLAD STEEL 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
7/#10	M-9644	4	90	B-106	4	M-9644-H	4	150	B-106	4
7/#8	M-9645	4	150	B-106	4	M-9645-H	17	250	B-106	4
7/#7	M-9397	4	150	B-106	4	M-9397-H	17	250	B-106	4
7/#6	M-9413	17	200	B-106	4	M-9413-H	6	2-150	B-107	4
7/#5	M-9398	17	200	B-106	4	M-9398-H	6	2-150	B-107	4
19/#9	M-9646	17	200	B-106	2	M-9646-H	6	2-150	B-107	4
19/#8	M-9647	17	250	B-106	4	M-9647-H	6	2-200	B-107	4
19/#7	M-9648	6	2-150	B-107	4	M-9648-H	6	500	B-107	4
19/#6	M-9649	6	2-200	B-107	4	M-9649-H	6	3-200	B-107	4



- For sizes not listed, 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
  - 38-0101-00 ~ Rasp

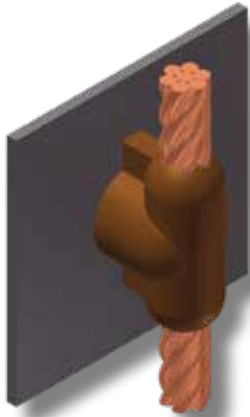
**Welding to Vertical Pipe:** To weld to vertical pipe, add pipe size to mold number. Example: To weld 7/#6 copper-clad steel cable to 6" vertical pipe, the mold number would be M-9412-V6. To weld 7/#8 copper-clad steel cable or smaller to pipe 14" and larger, use flat surface mold. For 7/#7 copper-clad steel cable and larger, use flat surface mold only on pipe 30" and larger.

Section 3 - Molds  
Copper-Clad Steel Conductors

## CS-4

### TYPE MOLDS

*Horizontal Thru Cable to Vertical Steel Surface  
For Copper-Clad Steel Conductors*



MOLDS FOR COPPER-CLAD STEEL 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
7/#10	M-9118	4	115	B-106	4	M-9118-H	17	250	B-106	4
7/#8	M-9594	17	200	B-106	4	M-9594-H	6	2-200	B-107	4
7/#7	M-9176	17	200	B-106	2	M-9176-H	6	2-200	B-107	4
7/#6	M-9119	17	250	B-106	4	M-9119-H	6	500	B-107	4
7/#5	M-9272	17	250	B-106	4	M-9272-H	6	500	B-107	4
19/#9	M-9177	17	250	B-106	4	M-9177-H	6	500	B-107	4
19/#8	Use Heavy Duty Connections					M-9595-H	6	3-200	B-107	4
19/#7						M-9178-H	6	3-200	B-107	4
19/#6						M-9596-H	6	3-200	B-107	4

**Welding to Vertical Pipe:** To weld to vertical pipe, add pipe size to mold number. Example: To weld 7/#6 copper-clad steel cable to 6" vertical pipe, the mold number would be M-9119-V6. To weld 7/#8 copper-clad steel cable or smaller to pipe 14" and larger, use flat surface mold. For 7/#7 copper-clad steel 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 Copper-Clad Steel Conductors*

Note that the cable is ON the surface



Left Hand Mold



Right Hand Mold

MOLDS FOR COPPER-CLAD STEEL CONDUCTORS					
Cable Size	Mold #†	Price Key	Weld Metal	Handle Clamps	Lead Time
7/#10	M-9638	4	65	B-106	4
7/#8	M-9639	4	90	B-106	4
7/#7	M-9640	4	90	B-106	4
7/#6	M-9641	4	115	B-106	4
7/#5	M-9642	4	115	B-106	4
19/#9	M-9643	4	115	B-106	4

† Add (RH) to mold number for right hand mold or (LH) for left hand mold. Right hand (RH) mold will be furnished if none specified. EXAMPLE: M-9640-LH

**Welding to Horizontal Pipe:** To weld to horizontal pipe, add pipe size to mold number. Example: To weld 7/#6 copper-clad steel cable to 6" horizontal pipe, the mold number would be M-9641-L6.

- For sizes not listed, 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;
  - 40-4431-00 ~ Magnetic Handle Clamp w/ B-106 Handles
  - 38-3922-00 ~ Mold Cleaning Brush
  - 38-0135-00 ~ Cable Cleaning Brush
  - 38-0101-00 ~ Rasp
  - 38-4129-00 ~ Packing Material for 7/#8 & Larger Molds (CS-18 Molds Only)

Section 3 - Molds  
Copper-Clad Steel Conductors

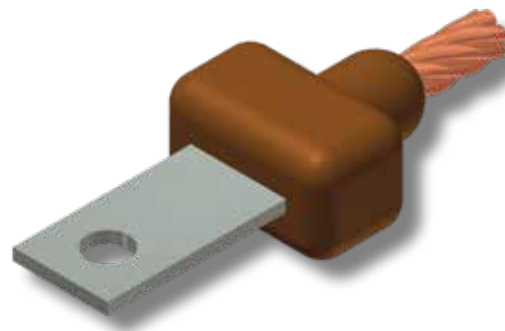
# CB-1

## TYPE MOLDS

*Horizontal Cable Tap to Horizontal Lug or Bus For Copper-Clad Steel Conductors*

See pages 159-160 for Lug part numbers.

MOLDS FOR COPPER-CLAD STEEL CONDUCTORS						
Cable Size	Lug Size	Mold #	Price Key	Weld Metal	Handle Clamps	Lead Time
7#10	3/16 X 1	M-9607	4	65	B-106	4
7/#8	3/16 X 1	M-9701	4	65	B-106	4
	1/4 X 1	M-9121	4	65	B-106	4
7/#7	3/16 X 1	M-9609	4	90	B-106	4
	1/4 X 1	M-9126	4	90	B-106	4
7/#6	3/16 X 1	M-9410	4	90	B-106	4
	1/4 X 1	M-9613	4	90	B-106	4
	1/4 X 1 1/2	M-9127	4	90	B-106	4
7/#5	3/16 X 1	M-9617	4	90	B-106	2
	1/4 X 1	M-9445	4	90	B-106	4
	1/4 X 1 1/2	M-9228	4	90	B-106	4
19/#9	3/16 X 1	M-9181	4	90	B-106	2
	1/4 X 1	M-9620	4	90	B-106	2
	1/4 X 1 1/2	M-9182	4	90	B-106	2
19/#8	1/4 X 1	M-9129	4	115	B-106	4
	1/4 X 1 1/2	M-9131	4	115	B-106	4
19/#7	1/4 X 1	M-9446	4	150	B-106	2
	1/4 X 1 1/2	M-9185	4	150	B-106	4
19/#6	1/4 X 1	M-9625	4	200	B-106	4
	1/4 X 1 1/2	M-9263	4	200	B-106	4



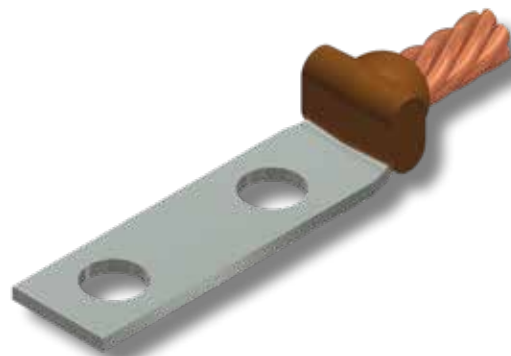
# CB-33

## TYPE MOLDS

*Horizontal Cable Tap to Horizontal Lug or Bus For Copper-Clad Steel Conductors*

See page 161 for Lug part numbers.

MOLDS FOR COPPER-CLAD STEEL CONDUCTORS						
Cable Size	Lug Size	Mold #	Price Key	Weld Metal	Handle Clamps	Lead Time
7#10	1/8 X 1	M-9365	4	32	B-106	4
7/#8	1/8 X 1	M-9366	4	45	B-106	4
7/#7	1/8 X 1	M-9367	4	45	B-106	4
7/#6	1/8 X 1	M-9368	4	65	B-106	4
7/#5	1/8 X 1	M-9369	4	65	B-106	4
19/#9	3/16 X 1	M-9370	4	65	B-106	2
19/#8	3/16 X 1	M-9371	4	90	B-106	4
19/#7	3/16 X 1	M-9372	4	90	B-106	4
19/#6	1/4 X 1	M-9373	4	115	B-106	4



- For sizes not listed, contact thermOweld®.
- 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

Section 3 - Molds  
Copper-Clad Steel Conductors