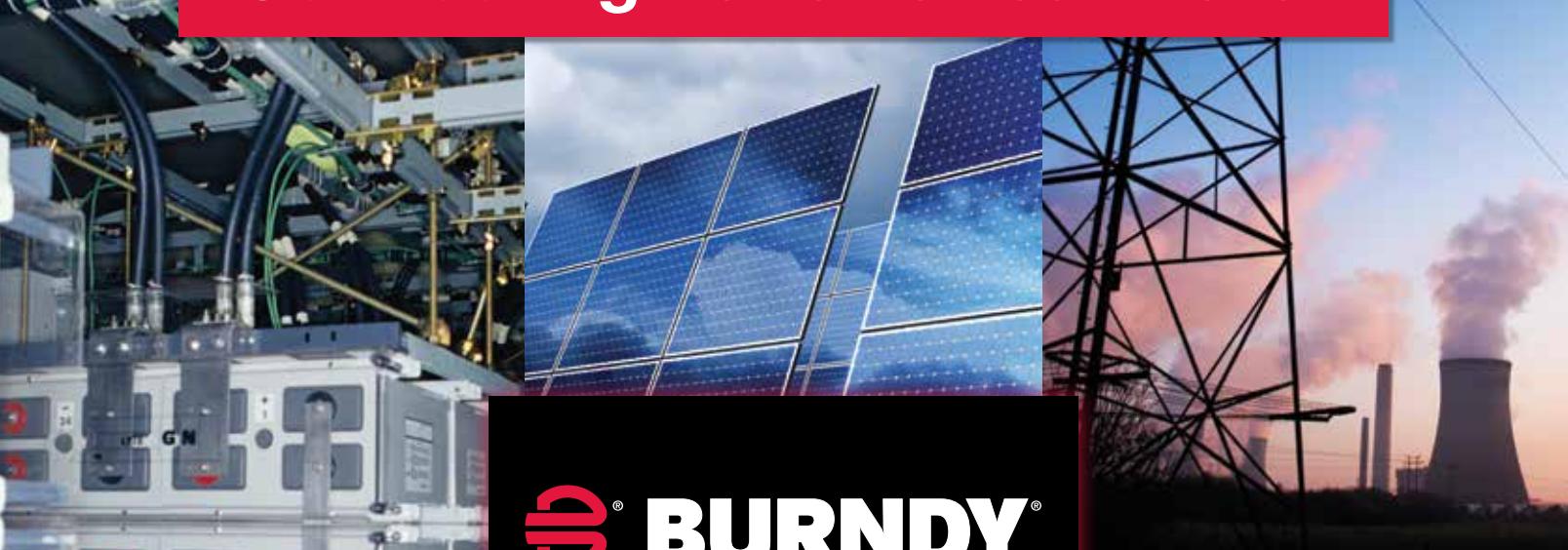




Master Catalog

Connecting Power to Your World™



BURNDY®

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Blue highlighted items are industry standard and most frequently ordered.

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Blue highlighted items are industry standard and most frequently ordered.

BURNDYWeld® QIKLITE®

BURNDYWeld® Weld Metal

Battery Ignition System

The self-contained unit offers a built-in battery life indicator, 6' ignitor cord and separate buttons for power and ignition. Also, no starting powder is used with this system so emissions are greatly reduced. QIKLITE® works with "off-the-shelf" molds and weld metal, so contractors and installers can continue to use the same quality BURNDYWeld® products.

Since the unit operates with standard weld metal and molds, installers also have the option of using a traditional flint ignitor or the new QIKLITE® system. Another feature is the speed of ignition, with virtually no delay between depressing the "push to operate" button and ignition of the weld metal. This instant ignition feature offers quick reassurance to the installer, without the delay.



Features & Benefits

- The QIKLITE® system allows installers to make exothermic connections remotely
- Uses standard exothermic molds and weld metal
- Use the new BURNDYWeld® QIKLITE® system or use a flint ignitor, this versatility makes this system better than anything available in the industry
- Installers have virtually 100% confidence that the connection can be completed with no wasted material or weld metal shots
- No starting material required - which greatly reduces the amount of emissions generated
- Power is supplied by 4 standard "D" Size batteries
- Built-in battery life indicator

E-71

Catalog Number Standard Cartridge Size with Ignitor	Cartridges/ Ignitors Per Box
15Q	20
25Q	20
32Q	10
45Q	20
65Q	20
90Q	10
115Q	10
150Q	10
200Q	10
250Q	10
500Q	10
QIKSTIK*	10

* Ignitor stick only.

Catalog Number	Description
QIKLITE	Battery Ignition System
QIKLITEKIT	QIKLITE® Battery Ignition System and 20 QIKSTIK Ignitor Sticks

Blue highlighted items are industry standard and most frequently ordered.

BURNDYWeld[®]

The BURNDYWeld[®] connection process is a simple, efficient method of welding copper to copper or copper to steel. One advantage is that NO outside power is required when using the BURNDYWeld[®] exothermic process. The BURNDYWeld[®] process uses high temperature reaction of powdered copper oxide and aluminum. The reaction takes place in a semi-permanent graphite mold. These molds will last for fifty or more welds if proper care is given. The reaction takes place very rapidly, therefore the total amount of heat applied to the conductors or surfaces is considerably less than that of brazing or soldering. It is important to remember this when welding to insulated cable or thin wall pipe.

E-72

This system is very field friendly, since it is light and portable and requires no outside power source. It requires very little time or skill to obtain an efficient, maintenance free connection when using the BURNDYWeld[®] process.

For more information, visit our website at:
www.burndy.com.

The BURNDYWeld[®] process has been used to weld materials other than copper for electrical purposes. Materials welded include:

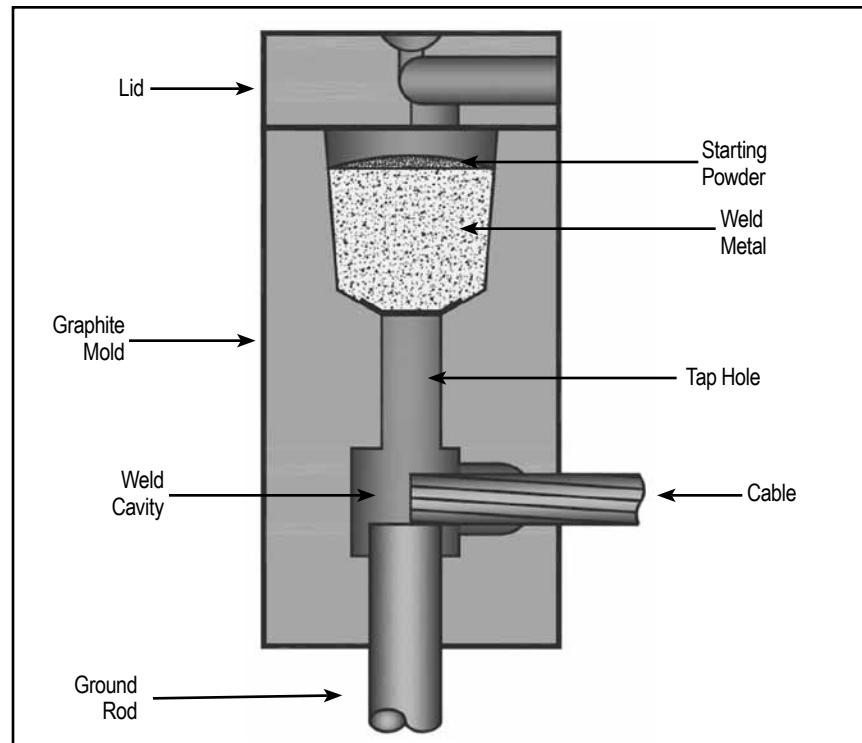
Stainless Steel
Copperweld[®]
Nichrome V
Galvanized Steel
Silicon Bronze
Copper Clad Steel
Columbium
Plain Steel
Everdur[®]
Kama
Steel Rail
Cor-Ten[®]
Brass
Bronze
Niobium
Chromax
Cast Iron
Monel

When welding to galvanized steel it is recommended to resurface exposed bare steel.



The BURNDYWeld[®] connection is a molecular weld. The weld metal has the same melting point as copper. These factors along with the increased cross section of the connection, BURNDYWeld[®] becomes an integral part of the conductor.

2. Will not loosen or corrode at the point of weld. There are no contact surfaces or mechanical pressures involved. A BURNDYWeld[®] connection becomes an integral part of the conductor.
3. Have a current-carrying capacity equal to or greater than that of the conductors.
1. Will not be affected by a high current surge. Tests have shown that the electrical conductor will melt before the BURNDYWeld[®] connection when subjected to high short circuit current. Consult IEEE Standard 837-1989.



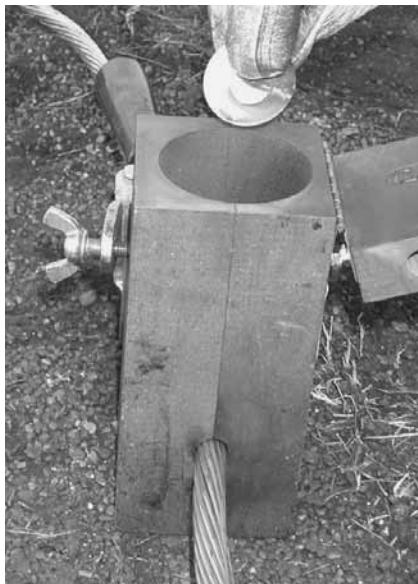
Blue highlighted items are industry standard and most frequently ordered.

Making a BURNDYWeld® Connection



Step 1

Position cleaned conductors in mold after make sure mold is dry, by pre-heating or making a test joint.



Step 2

Place metal disc in bottom of mold crucible.



Step 3

Dump powder into crucible, being careful not to loosen all the starting powder.



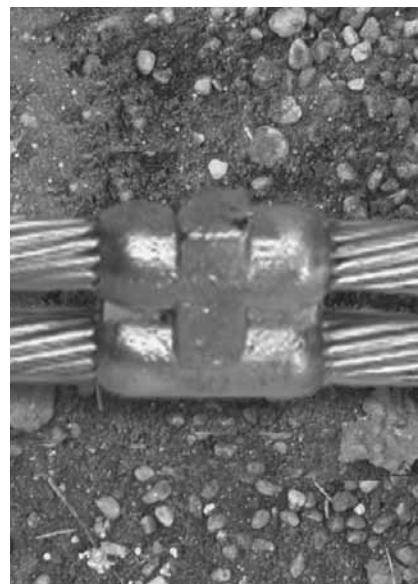
Step 4

Close lid and place a small amount of starting powder in the ignition pocket.



Step 5

Ignite the starting powder with the Flint Ignitor.



Step 6

Wait 15 seconds, then remove weld and clean mold before making next connection.

Blue highlighted items are industry standard and most frequently ordered.

Grounding

BURNDY[®] Exothermic

BURNDY[®]

BURNDY[®] Weld Metal

BURNDY[®] Weld Metal is packed in moisture-resistant plastic cartridges that have tight fitting caps. These cartridges, along with the necessary steel discs, are then packed in boxes that are hermetically sealed. This ensures the powder arriving in good condition, always dry and ready for fast positive ignition. BURNDY[®] Weld Metal comes in several types; one for welding copper to copper, copper to steel, copper to cast iron and one for welding copper to steel for cathodic protection. The size and weight (in grams) of the cartridge are marked on each individual cartridge.

Weld metal and steel discs are sold only in standard box quantities.



Features & Benefits

- Packed in moisture-resistant plastic cartridges that have tight fitting caps. These cartridges, along with the necessary steel discs, are then packed in boxes that are hermetically sealed. This ensures the powder arriving in good condition, always dry and ready for fast positive ignition.

Catalog Number *	Description	Cartridges Per Box
15	Standard Cartridge	20
25	Standard Cartridge	20
32	Standard Cartridge	10
45	Standard Cartridge	20
65	Standard Cartridge	20
90	Standard Cartridge	10
115	Standard Cartridge	10
150	Standard Cartridge	10
200	Standard Cartridge	10
250	Standard Cartridge	10
500	Standard Cartridge	10

* Add Q to suffix to include Qikstik

Catalog Number	Description	Cartridges Per Box
15CP	Cathodic Protection Cartridge	20
25CP	Cathodic Protection Cartridge	20
32CP	Cathodic Protection Cartridge	10
45CP	Cathodic Protection Cartridge	20
65CP	Cathodic Protection Cartridge	20

Weld Metal Size	Catalog Number Steel Discs Only	Package Quantity
15 to 65	B370320-01	20
90 to 115	B370320-02	10
150 to 500	B370320-03	10

Catalog Number	Description	Cartridges Per Box
15CI	Cast Iron Cartridge	20
25CI	Cast Iron Cartridge	20
32CI	Cast Iron Cartridge	10
45CI	Cast Iron Cartridge	20
65CI	Cast Iron Cartridge	20
90CI	Cast Iron Cartridge	10
115CI	Cast Iron Cartridge	10

Blue highlighted items are industry standard and most frequently ordered.

US: 1-800-346-4175

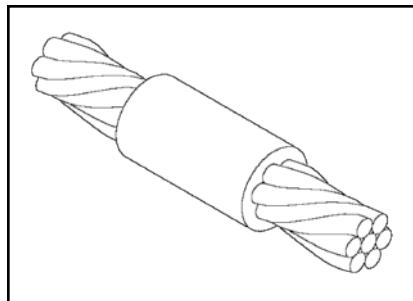
www.burndy.com

Canada: 1-800-387-6487

BCC-1 TYPE MOLDS**Horizontal End to End**

BCC-1 Type Molds are used for horizontal end to end cable connections.

Size range is #6 through 1000 kcmil solid or concentric stranded copper conductors.



Contact BURNDY® for information on molds for conductors not listed below.



E-75

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Run	Tap				
#4	#4	B-5623	18 ①	25	Incl.
#3	#3	B-5624	18 ①	32	Incl.
#2	#2	B-5625	18 ①	32	Incl.
#1	#1	B-5626	18 ①	32	Incl.
1/0	1/0	B-205	4	45	B-106
2/0	2/0	B-206	4	65	B-106
3/0	3/0	B-207	4	90	B-106
4/0	4/0	B-208	4	90	B-106
250 kcmil	250 kcmil	B-209	4	115	B-106
300 kcmil	300 kcmil	B-210	4	115	B-106
350 kcmil	350 kcmil	B-211	4	150	B-106
500 kcmil	500 kcmil	B-213	4	200	B-107
750 kcmil	750 kcmil	B-214	5	2-150	B-107
1000 kcmil	1000 kcmil	B-215	5	2-200	B-107

① B38-0309-00 Flint ignitor included

NOTES:

- For sizes not listed, contact BURNDY®
- Molds listed are for concentric stranded cable; add suffix "-S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®
- For expedited service, contact BURNDY®

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

- B38-0309-00 Flint Ignitor
 B38-3922-00 Mold Cleaning Brush
 B38-0135-00 Cable Cleaning Brush
 B38-0330-00 Cable Clamp

Blue highlighted items are industry standard and most frequently ordered.

Grounding

BURNDY[®] Exothermic

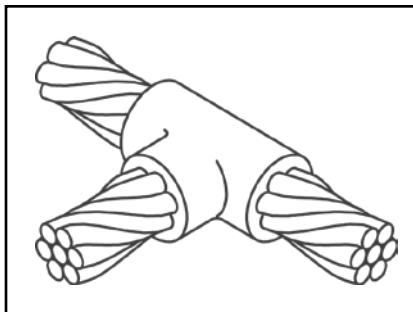
BURNDY[®]

TYPE BCC-2 MOLDS

Horizontal Cable Tap to
Horizontal Cable Run



Type BCC-2 Molds are used to join horizontal cable tap to a horizontal run cable. Size range is #6 through 750 kcmil solid or concentric stranded copper conductors. Contact BURNDY[®] for information on molds for conductors not listed below.



NOTES:

- For sizes not listed, contact BURNDY[®]
- Molds listed are for concentric stranded cable; add suffix "-S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld[®] cable, contact BURNDY[®]
- For expedited service, contact BURNDY[®]

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor; B38-3922-00 Mold Cleaning Brush; B38-0135-00 Cable Cleaning Brush; B38-0330-00 Cable Clamp

E-76

Cable	Mold	Price	Weld	Handle	
Run	Tap	Number	Key	Metal	Clamps
#4	#4	B-221	4	32	B-106
#2	#2	B-223	4	45	B-106
	#4	B-224	4	45	B-106
#1	#1	B-225	4	45	B-106
	#2	B-226	4	45	B-106
	#4	B-227	4	45	B-106
1/0	1/0	B-228	4	90	B-106
	#1	B-229	4	45	B-106
	#2	B-230	4	45	B-106
	#4	B-231	4	45	B-106
2/0	2/0	B-232	4	90	B-106
	1/0	B-333	4	90	B-106
	#1	B-234	4	45	B-106
	#2	B-235	4	45	B-106
	#4	B-5475	4	45	B-106
3/0	3/0	B-236	4	115	B-106
	2/0	B-237	4	90	B-106
	1/0	B-238	4	90	B-106
	#1	B-239	4	45	B-106
	#2	B-240	4	45	B-106
	#4	B-5574	4	45	B-106
4/0	4/0	B-241	4	150	B-106
	3/0	B-242	4	115	B-106
	2/0	B-243	4	90	B-106
	1/0	B-244	4	90	B-106
	#1	B-245	4	90	B-106
	#2	B-246	4	90	B-106
	#4	B-5021	4	90	B-106
250 kcmil	250 kcmil	B-247	4	150	B-106
	4/0	B-248	4	150	B-106
	3/0	B-249	4	150	B-106
	2/0	B-250	4	90	B-106
	1/0	B-251	4	90	B-106
	#1	B-252	4	90	B-106
	#2	B-253	4	90	B-106

Cable	Mold	Price	Weld	Handle	
Run	Tap	Number	Key	Metal	Clamps
300 kcmil	300 kcmil	B-254	4	200	B-106
	250 kcmil	B-255	4	150	B-106
	4/0	B-256	4	150	B-106
	3/0	B-257	4	150	B-106
	2/0	B-258	4	90	B-106
	1/0	B-259	4	90	B-106
	#1	B-260	4	90	B-106
	#2	B-261	4	90	B-106
350 kcmil	350 kcmil	B-262	4	200	B-106
	300 kcmil	B-263	4	200	B-106
	250 kcmil	B-264	4	200	B-106
	4/0	B-265	4	150	B-106
	3/0	B-266	4	150	B-106
	2/0	B-267	4	90	B-106
	1/0	B-268	4	90	B-106
	#1	B-269	4	90	B-106
500 kcmil	#2	B-270	4	90	B-106
	500 kcmil	B-280	4	2-150	B-106
	350 kcmil	B-282	4	200	B-106
	300 kcmil	B-283	4	200	B-106
	250 kcmil	B-284	4	200	B-106
	4/0	B-285	4	150	B-106
	2/0	B-286	4	90	B-106
	1/0	B-287	4	90	B-106
750 kcmil	#1	B-288	4	90	B-106
	#2	B-289	4	90	B-106
	750 kcmil	B-290	5	500	B-107
	500 kcmil	B-291	5	2-200	B-107
	350 kcmil	B-293	4	250	B-106
	300 kcmil	B-294	4	200	B-106
	250 kcmil	B-295	4	200	B-106
	4/0	B-296	4	150	B-106
1/0	2/0	B-297	4	150	B-106
	1/0	B-298	4	150	B-106

Blue highlighted items are industry standard and most frequently ordered.

US: 1-800-346-4175

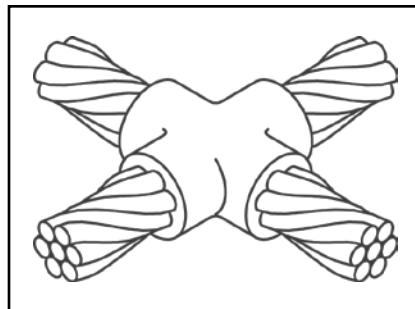
www.burndy.com

Canada: 1-800-387-6487

TYPE BCC-4 MOLDS

Horizontal to Horizontal
Cable Cross

Type BCC-4 Molds are used to join two horizontal cables at right angles. One cable is cut and the other is a through run. Size range is #6 through 500 kcmil solid or concentric stranded copper conductors. Contact BURNDY® for information on molds for conductors not listed below.



NOTES:

- For sizes not listed, contact BURNDY®
- Molds listed are for concentric stranded cable; add suffix "S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®
- For expedited service, contact BURNDY®

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor; B38-3922-00 Mold Cleaning Brush; B38-0135-00 Cable Cleaning Brush; B38-0330-00 Cable Clamp

E-77

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Run	Tap				
#4	#4	B-423	4	45	B-106
#3	#3	B-424	4	45	B-106
#2	#2	B-425	4	65	B-106
	#4	B-426	4	65	B-106
#1	#1	B-427	4	65	B-106
	#2	B-428	4	65	B-106
	#4	B-429	4	65	B-106
1/0	1/0	B-430	4	90	B-106
	#1	B-431	4	90	B-106
	#2	B-432	4	90	B-106
	#4	B-433	4	90	B-106
2/0	2/0	B-434	4	115	B-106
	1/0	B-435	4	115	B-106
	#1	B-436	4	115	B-106
	#2	B-437	4	115	B-106
3/0	3/0	B-438	4	150	B-106
	2/0	B-439	4	150	B-106
	1/0	B-440	4	115	B-106
	#1	B-441	4	115	B-106
	#2	B-442	4	115	B-106
4/0	4/0	B-443	4	200	B-106
	3/0	B-444	4	200	B-106
	2/0	B-445	4	150	B-106
	1/0	B-446	4	150	B-106
	#1	B-447	4	115	B-106
	#2	B-448	4	115	B-106
250 kcmil	250 kcmil	B-449	4	200	B-106
	4/0	B-450	4	200	B-106
	3/0	B-451	4	200	B-106
	2/0	B-452	4	150	B-106
250 kcmil	1/0	B-453	4	150	B-106
	#1	B-454	4	115	B-106
	#2	B-455	4	115	B-106

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Run	Tap				
300 kcmil	300 kcmil	B-456	4	250	B-106
	250 kcmil	B-457	4	250	B-106
	4/0	B-458	4	200	B-106
	3/0	B-459	4	200	B-106
	2/0	B-460	4	150	B-106
	1/0	B-461	4	150	B-106
	#1	B-462	4	115	B-106
350 kcmil	#2	B-463	4	115	B-106
	350 kcmil	B-464	4	250	B-106
	300 kcmil	B-465	4	250	B-106
	250 kcmil	B-466	4	250	B-106
	4/0	B-467	4	200	B-106
	3/0	B-468	4	200	B-106
	2/0	B-469	4	200	B-106
500 kcmil	1/0	B-470	4	200	B-106
	#1	B-471	4	150	B-106
	#2	B-472	4	150	B-106
	500 kcmil	B-483	5	500	B-107
	350 kcmil	B-485	5	2-200	B-107
	300 kcmil	B-486	5	2-200	B-107
	250 kcmil	B-487	5	2-150	B-107
	4/0	B-488	5	2-150	B-107
	3/0	B-489	5	2-150	B-107
	2/0	B-490	4	250	B-106
	1/0	B-491	4	250	B-106
	#1	B-492	4	200	B-106
	#2	B-493	4	200	B-106

Blue highlighted items are industry standard and most frequently ordered.

Grounding

BURNDY[®] Exothermic

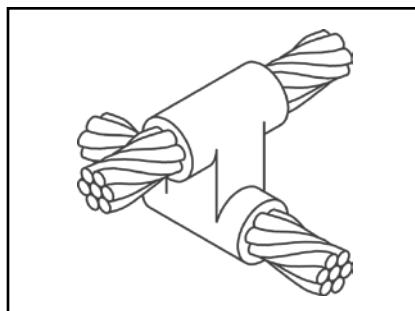
BURNDY[®]

TYPE BCC-11 MOLDS

Horizontal to Horizontal Cable Cross



Type BCC-11 Molds are used to join uncut horizontal cables at right angles to each other. Size range is #6 through 500 kcmil solid or concentric stranded copper conductors. Contact BURNDY[®] for information on molds for conductors not listed below.



NOTES:

- For sizes not listed, contact BURNDY[®]
- Molds listed are for concentric stranded cable; add suffix "-S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld[®] cable, contact BURNDY[®]
- For expedited service, contact BURNDY[®]

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor; B38-3922-00 Mold Cleaning Brush; B38-0135-00 Cable Cleaning Brush; B38-0330-00 Cable Clamp

E-78

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Run	Tap				
#6	#6	B-5432	19	45	Incl.
#4	#4	B-2687	4	65	B-106
#2	#2	B-2689	4	90	B-106
	#4	B-2690	4	65	B-106
#1	#1	B-2691	4	115	B-106
	#2	B-2692	4	90	B-106
	#4	B-2693	4	90	B-106
1/0	1/0	B-2694	22	150	B-106
	#1	B-2695	22	150	B-106
	#2	B-2696	22	115	B-106
	#4	B-2697	22	115	B-106
2/0	2/0	B-2698	22	200	B-106
	1/0	B-2699	22	200	B-106
	#1	B-2700	22	150	B-106
	#2	B-2701	22	150	B-106
3/0	3/0	B-2702	22	250	B-106
	2/0	B-2703	22	200	B-106
	1/0	B-2704	22	200	B-106
	#1	B-2705	22	150	B-106
	#2	B-2706	22	150	B-106
4/0	4/0	B-2707	22	250	B-106
	3/0	B-2708	22	250	B-106
	2/0	B-2709	22	200	B-106
	1/0	B-2710	22	200	B-106
	#1	B-2711	22	150	B-106
	#2	B-2712	22	150	B-106

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Run	Tap				
250 kcmil	250 kcmil	B-2713	22	2-150	B-106
	4/0	B-2714	22	2-150	B-106
	3/0	B-2715	22	2-150	B-106
	2/0	B-2716	22	250	B-106
	1/0	B-2717	22	150	B-106
	#1	B-2718	22	200	B-106
	#2	B-2719	22	150	B-106
500 kcmil	500 kcmil	B-2747	23	3-250	B-107
	250 kcmil	B-2751	23	500	B-107
	4/0	B-2752	23	500	B-107
	3/0	B-2753	23	500	B-107
	2/0	B-2754	23	2-200	B-107
	1/0	B-2755	22	2-150	B-106
	#1	B-2756	22	250	B-106
	#2	B-2757	22	250	B-106

Blue highlighted items are industry standard and most frequently ordered.

US: 1-800-346-4175

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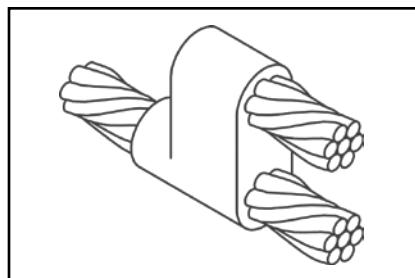
Canada: 1-800-387-6487

BCC-6 TYPE MOLDS

Horizontal Parallel Tap



BCC-6 Type Molds are used to join horizontal parallel tap to run connections. The tap cable is over the run cable. Size range is #6 through 4/0 solid or concentric stranded copper conductors. Contact BURNDY® for information on molds for conductors not listed below.

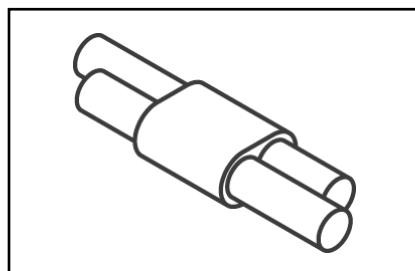


Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Run	Tap				
#6 Sol	#6 Sol	B-1270	4	25	B-106
#6	#6	B-1271	4	25	B-106
#4	#4	B-1272	4	32	B-106
	#6	B-1273	4	32	B-106
	#6 Sol	B-1274	4	32	B-106
	#8 Sol	B-1275	4	32	B-106
#2	#2	B-1276	4	65	B-106
	#4	B-1277	4	45	B-106
	#6	B-1278	4	32	B-106
	#6 Sol	B-1279	4	32	B-106
	#8 Sol	B-1280	4	32	B-106
#1	#1	B-1281	4	65	B-106
	#2	B-1282	4	65	B-106
	#4	B-1283	4	45	B-106
	#6	B-1284	4	45	B-106
	#6 Sol	B-1285	4	45	B-106
	#8 Sol	B-1286	4	45	B-106
1/0	1/0	B-1287	4	90	B-106
	#1	B-1288	4	90	B-106
	#2	B-1289	4	65	B-106
	#4	B-1290	4	65	B-106
	#6	B-1291	4	45	B-106
	#6 Sol	B-1292	4	45	B-106
	#8 Sol	B-1293	4	45	B-106

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Run	Tap				
2/0	2/0	B-1294	4	115	B-106
	1/0	B-1295	4	115	B-106
	#1	B-1296	4	90	B-106
	#2	B-1297	4	90	B-106
	#4	B-1298	4	65	B-106
	#6	B-1299	4	65	B-106
4/0	#6 Sol	B-1300	4	65	B-106
	#8 Sol	B-1301	4	65	B-106
	4/0	B-1302	4	150	B-106
	2/0	B-1303	4	115	B-106
	1/0	B-1304	4	115	B-106
	#1	B-1305	4	115	B-106
	#2	B-1306	4	115	B-106
	#4	B-1307	4	90	B-106
	#6	B-1308	4	90	B-106
	#6 Sol	B-1309	4	90	B-106
	#8 Sol	B-1310	4	90	B-106

BCC-14 TYPE MOLDS

Horizontal Parallel through Cables



BCC-14 Type Molds are used to join horizontal parallel through run cables. Cables run side by side in the mold. Size range is #8 through #6 solid or concentric stranded copper conductors. Contact BURNDY® for information on molds for conductors not listed.

Cable		Mold Number	Price Key	Weld Metal
Run	Tap			
#8	#8	B-5709	18	15
#6	#6	B-5618	18	25

NOTES:

- For sizes not listed, contact BURNDY®
- Molds listed are for concentric stranded cable; add suffix "S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®
- For expedited service, contact BURNDY®
- Sold complete with handles

Blue highlighted items are industry standard and most frequently ordered.

Grounding BURNDY[®] Exothermic

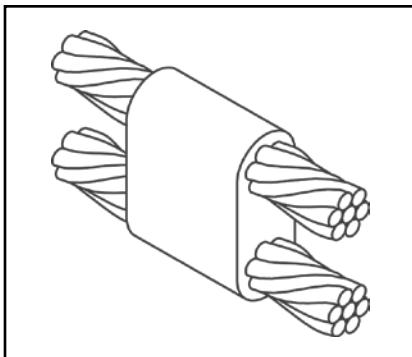
BURNDY[®]

BCC-7 TYPE MOLDS

Horizontal Parallel through Cables



BCC-7 Type Molds are used to join horizontal parallel through run cables. One cable runs above the other cable in the mold. Size range is #6 through 4/0 solid or concentric stranded copper conductors. Contact BURNDY[®] for information on molds for conductors not listed below



NOTES:

- For sizes not listed, contact BURNDY[®]
- Molds listed are for concentric stranded cable; add suffix "-S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld[®] cable, contact BURNDY[®]
- For expedited service, contact BURNDY[®]

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor; **B38-3922-00** Mold Cleaning Brush; **B38-0135-00** Cable Cleaning Brush; **B38-0330-00** Cable Clamp

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Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Run	Tap				
#4	#4	B-1311	4	32	B-106
	#6	B-5627	4	32	B-106
	#6 Sol	B-8882	4	32	B-106
	#8	B-5629	4	32	B-106
	#8 Sol	B-5630	4	32	B-106
#2	#2	B-1313	4	65	B-106
	#4	B-1314	4	65	B-106
	#6	B-5631	4	45	B-106
	#6 Sol	B-5632	4	45	B-106
	#8	B-5634	4	45	B-106
	#8 Sol	B-5635	4	45	B-106
#1	#1	B-1315	4	65	B-106
	#2	B-1316	4	65	B-106
	#4	B-1317	4	65	B-106
	#6	B-5636	4	65	B-106
	#6 Sol	B-5637	4	65	B-106
	#8	B-5638	4	45	B-106
	#8 Sol	B-5639	4	45	B-106
1/0	1/0	B-1318	4	90	B-106
	#1	B-1319	4	65	B-106
	#2	B-1320	4	65	B-106
	#4	B-1321	4	65	B-106
	#6	B-5642	4	65	B-106
	#6 Sol	B-1208	4	65	B-106
	#8	B-5644	4	65	B-106
	#8 Sol	B-5645	4	65	B-106

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Run	Tap				
2/0	2/0	B-1322	4	115	B-106
	1/0	B-1323	4	115	B-106
	#1	B-1324	4	90	B-106
	#2	B-1325	4	90	B-106
	#4	B-5659	4	90	B-106
	#6	B-5342	4	90	B-106
	#6 Sol	B-5652	4	90	B-106
	#8	B-5668	4	65	B-106
3/0	#8 Sol	B-5943	4	65	B-106
	3/0	B-1326	4	150	B-106
	2/0	B-1327	4	150	B-106
	1/0	B-1328	4	115	B-106
	#1	B-1329	4	115	B-106
	#2	B-1330	4	115	B-106
	#4	B-6046	4	115	B-106
	#6	B-5676	4	90	B-106
	#6 Sol	B-5679	4	90	B-106
	#8	B-5680	4	90	B-106
	#8 Sol	B-5682	4	90	B-106
4/0	4/0	B-1331	4	200	B-106
	3/0	B-1332	4	200	B-106
	2/0	B-1333	4	150	B-106
	1/0	B-1334	4	150	B-106
	#1	B-1335	4	150	B-106
	#2	B-1336	4	150	B-106
	#4	B-5340	4	150	B-106
	#6	B-5684	4	90	B-106
	#6 Sol	B-6552	4	90	B-106
	#8	B-5686	4	90	B-106
	#8 Sol	B-5688	4	90	B-106

Blue highlighted items are industry standard and most frequently ordered.

US: 1-800-346-4175

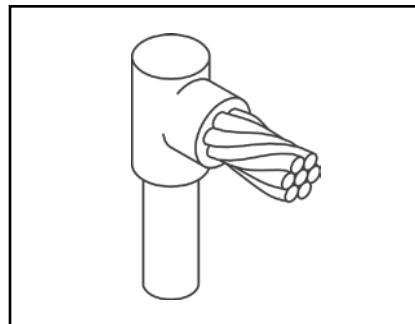
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Canada: 1-800-387-6487

TYPE BCR-1 MOLDS

Horizontal Cable Terminal
to Ground Rod

Type BCR-1 Molds are used to terminate horizontal copper cable at the top of a vertical ground rod. Size range is #6 through 1000 kcmil solid or concentric stranded copper conductors; 1/2" through 1" for the ground rod. Contact BURNDY® for information on molds for conductors not listed below.



NOTES:

- For sizes not listed, contact BURNDY®
- Molds listed are for concentric stranded cable; add suffix "S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®
- For expedited service, contact BURNDY®

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor; B38-3922-00 Mold Cleaning Brush; B38-0135-00 Cable Cleaning Brush; B38-0330-00 Cable Clamp

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Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod	Tap				
1/2"	#6	B-8402	18 ①	25	Incl.
	#4	B-8403	18 ①	25	Incl.
	#2	B-495	4	65	B-106
	#1	B-496	4	65	B-106
	1/0	B-497	4	90	B-106
	2/0	B-498	4	90	B-106
	3/0	B-499	4	90	B-106
	4/0	B-500	4	90	B-106
	250 kcmil	B-501	4	90	B-106
	300 kcmil	B-502	4	90	B-106
5/8"	#6	B-8414	18 ①	32	Incl.
	#4	B-8415	18 ①	32	Incl.
	#2	B-503	4	65	B-106
	#1	B-504	4	65	B-106
	1/0	B-505	4	90	B-106
	2/0	B-506	4	90	B-106
	3/0	B-507	4	90	B-106
	4/0	B-508	4	90	B-106
	250 kcmil	B-509	4	90	B-106
	300 kcmil	B-510	4	115	B-106
	350 kcmil	B-511	4	115	B-106
	500 kcmil	B-513	4	150	B-106

① B38-0309-00 Flint ignitor included

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod	Tap				
3/4"	#6	B-8422	18 ①	32	Incl.
	#4	B-8426	19 ①	45	Incl.
	#2	B-5781	4	90	B-106
	#1	B-514	4	90	B-106
	1/0	B-515	4	90	B-106
	2/0	B-516	4	90	B-106
	3/0	B-517	4	90	B-106
	4/0	B-518	4	90	B-106
	250 kcmil	B-519	4	90	B-106
	300 kcmil	B-520	4	115	B-106
1"	350 kcmil	B-521	4	115	B-106
	500 kcmil	B-523	4	150	B-106
	750 kcmil	B-524	4	250	B-106
	1/0	B-525	4	150	B-106
	2/0	B-526	4	150	B-106
	3/0	B-527	4	150	B-106
	4/0	B-528	4	150	B-106
	250 kcmil	B-529	4	150	B-106
	300 kcmil	B-530	4	200	B-106
	350 kcmil	B-531	4	200	B-106
1000 kcmil	500 kcmil	B-533	4	200	B-106
	750 kcmil	B-534	4	250	B-106
	1000 kcmil	B-535	5	2-150	B-106

Blue highlighted items are industry standard and most frequently ordered.

Grounding

BURNDY[®] Weld[®] Exothermic

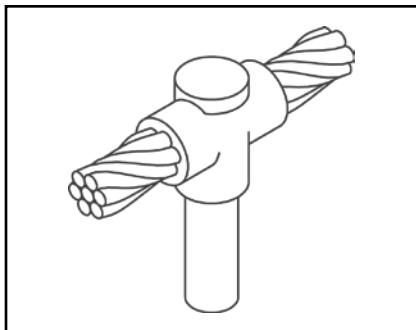
BURNDY[®]

TYPE BCR-2 MOLDS

Horizontal Cable to Ground Rod



Type BCR-2 Molds are used to join horizontal through copper cable to the top of a vertical ground rod. Size range is #6 through 1000 kcmil solid or concentric stranded copper conductors; 1/2" through 1" for the ground rod. Contact BURNDY[®] for information on molds for conductors not listed below.



NOTES:

- For sizes not listed, contact BURNDY[®]
- Molds listed are for concentric stranded cable; add suffix "-S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld[®] cable, contact BURNDY[®]
- For expedited service, contact BURNDY[®]

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor; B38-3922-00 Mold Cleaning Brush; B38-0135-00 Cable Cleaning Brush; B38-0330-00 Cable Clamp

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Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod	Tap				
1/2"	#6	B-8434	18 ①	32	Incl.
	#4	B-8435	18 ①	32	Incl.
	#2	B-537	4	90	B-106
	#1	B-538	4	90	B-106
	1/0	B-539	4	90	B-106
	2/0	B-540	4	90	B-106
	3/0	B-541	4	115	B-106
	4/0	B-542	4	115	B-106
	250 kcmil	B-543	4	150	B-106
	300 kcmil	B-544	4	200	B-106
5/8"	#6	B-8441	18 ①	32	Incl.
	#4	B-8442	18 ①	32	Incl.
	#2	B-545	4	90	B-106
	#1	B-546	4	90	B-106
	1/0	B-547	4	90	B-106
	2/0	B-548	4	115	B-106
	3/0	B-549	4	115	B-106
	4/0	B-550	4	115	B-106
	250 kcmil	B-551	4	150	B-106
	300 kcmil	B-552	4	200	B-106
	350 kcmil	B-553	4	200	B-106
	500 kcmil	B-555	4	250	B-106

① B38-0309-00 Flint ignitor included

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod	Tap				
3/4"	#6	B-8452	19 ①	45	Incl.
	#4	B-8454	19 ①	65	Incl.
	#2	B-556	4	90	B-106
	#1	B-557	4	90	B-106
	1/0	B-558	4	115	B-106
	2/0	B-559	4	115	B-106
	3/0	B-560	4	115	B-106
	4/0	B-561	4	115	B-106
	250 kcmil	B-562	4	150	B-106
	300 kcmil	B-563	4	200	B-106
	350 kcmil	B-564	4	200	B-106
	500 kcmil	B-566	4	250	B-106
1"	750 kcmil	B-567	5	2-200	B-107
	1/0	B-569	4	150	B-106
	2/0	B-570	4	150	B-106
	3/0	B-571	4	150	B-106
	4/0	B-572	4	150	B-106
	250 kcmil	B-573	4	200	B-106
	300 kcmil	B-574	4	200	B-106
	350 kcmil	B-575	4	200	B-106
	500 kcmil	B-577	4	250	B-106
	750 kcmil	B-578	5	2-200	B-107
	1000 kcmil	B-579	5	500	B-107

Blue highlighted items are industry standard and most frequently ordered.

US: 1-800-346-4175

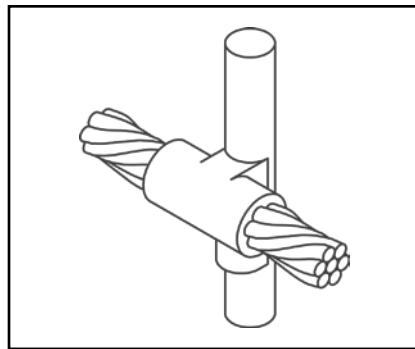
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Canada: 1-800-387-6487

TYPE BCR-3 MOLDS

Horizontal Through Cable
to Ground Rod

Type BCR-3 Molds are used to join horizontal through run cable to the side of a vertical ground rod. Size range is #6 through 1000 kcmil solid or concentric stranded copper conductors; 1/2" through 1" for the ground rod. Contact BURNDY® for information on molds for conductors not listed below.



NOTES:

- For sizes not listed, contact BURNDY®
- Molds listed are for concentric stranded cable; add suffix "S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®
- For expedited service, contact BURNDY®

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor; B38-3922-00 Mold Cleaning Brush; B38-0135-00 Cable Cleaning Brush; B38-0330-00 Cable Clamp

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Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod	Tap				
1/2"	#6	B-5321	24	65	B-106
	#4	B2154	24	90	B-106
	#2	B-2155	24	90	B-106
	#1	B-2156	24	115	B-106
	1/0	B-1581	24	115	B-106
	2/0	B-1582	24	115	B-106
	4/0	B-1583	24	150	B-106
	250 kcmil	B-1584	24	150	B-106
5/8"	#6	B-5660	24	65	B-106
	#4	B-2157	24	90	B-106
	#2	B-2158	24	90	B-106
	#1	B-2159	24	115	B-106
	1/0	B-1586	24	115	B-106
	2/0	B-1587	24	115	B-106
	4/0	B-1588	24	150	B-106
	250 kcmil	B-1589	24	150	B-106
	500 kcmil	B-1593	13	2-200	B-107

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod	Tap				
3/4"	#6	B-6630	24	65	B-106
	#4	B-2160	24	90	B-106
	#2	B-2161	24	90	B-106
	#1	B-2162	24	115	B-106
	1/0	B-1594	24	115	B-106
	2/0	B-1595	24	115	B-106
	4/0	B-1596	24	150	B-106
	250 kcmil	B-1597	24	200	B-106
1"	500 kcmil	B-1601	13	500	B-107
	750 kcmil	B-1602	13	3-250	B-107
	#6	B-6906	24	90	B-106
	#4	B-2163	24	90	B-106
	#2	B-2164	24	90	B-106
	#1	B-2165	24	115	B-106
	1/0	B-1603	24	115	B-106
	2/0	B-1604	24	115	B-106
	4/0	B-1605	24	150	B-106
	250 kcmil	B-1606	24	200	B-106
	500 kcmil	B-1610	13	500	B-107
	750 kcmil	B-1611	13	3-250	B-107

Blue highlighted items are industry standard and most frequently ordered.

Grounding

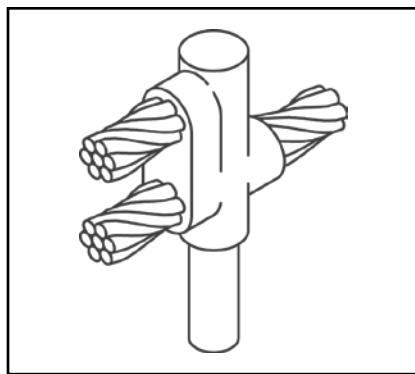
BURNDY[®] Weld[®] Exothermic

BURNDY[®]

TYPE BCR-17 MOLDS

Horizontal Run and Tap Cables to Ground Rod

Type BCR-17 Molds are used to join horizontal run and tap cables to the top of a vertical ground rod. Size range is #4 through 750 kcmil solid or concentric stranded copper conductors; 1/2" through 1" for the ground rod. Contact BURNDY[®] for information on molds for conductors not listed below.



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NOTES:

- For sizes not listed, contact BURNDY[®]
- Molds listed are for concentric stranded cable; add suffix "-S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld[®] cable, contact BURNDY[®]
- For expedited service, contact BURNDY[®]

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor; B38-3922-00 Mold Cleaning Brush; B38-0135-00 Cable Cleaning Brush; B38-0330-00 Cable Clamp

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod	Tap				
1/2"	#4	B-5416	4	90	B-106
	#2	B-6165	4	90	B-106
	#1	B-5830	4	90	B-106
	1/0	B-5940	4	115	B-106
	2/0	B-5850	4	150	B-106
	3/0	B-5833	4	200	B-106
	4/0	B-5380	4	200	B-106
5/8"	#4	B-5972	4	90	B-106
	#2	B-5935	4	115	B-106
	#1	B-5699	4	115	B-106
	1/0	B-5746	4	150	B-106
	2/0	B-5963	4	200	B-106
	3/0	B-5734	4	250	B-106
	4/0	B-5732	4	250	B-106
	250 kcmil	B-5722	5	2-150	B-107
	300 kcmil	B-5723	5	2-150	B-107
3/4"	#4	B-5698	4	90	B-106
	#2	B-5294	4	115	B-106
	#1	B-5390	4	115	B-106
	1/0	B-6025	4	150	B-106
	2/0	B-5738	4	200	B-106
	3/0	B-6003	4	250	B-106
	4/0	B-2566	4	250	B-106
	250 kcmil	B-5904	5	2-150	B-107
	300 kcmil	B-5857	5	2-200	B-107
	350 kcmil	B-5777	5	2-200	B-107
	500 kcmil	B-5961	5	3-200	B-107

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod	Tap				
1"	#4	B-5556	4	115	B-106
	#2	B-5555	4	150	B-106
	#1	B-6048	4	150	B-106
	1/0	B-5992	4	200	B-106
	2/0	B-5877	4	250	B-106
	3/0	B-5821	5	2-150	B-107
	4/0	B-5820	5	2-150	B-107
	250 kcmil	B-5807	5	2-200	B-107
	300 kcmil	B-5803	5	500	B-107
	350 kcmil	B-5561	5	500	B-107
	500 kcmil	B-5515	6	3-250	B-107
	750 kcmil	B-5513	6	2-500	B-107

Blue highlighted items are industry standard and most frequently ordered.

US: 1-800-346-4175

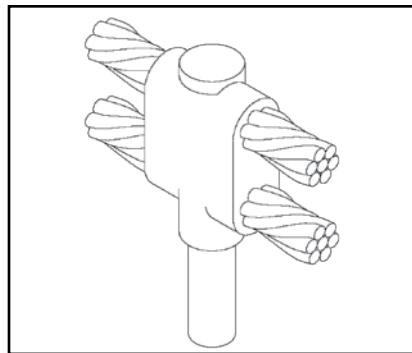
www.burndy.com

Canada: 1-800-387-6487

TYPE BCR-24 MOLDS

Horizontal Parallel Run Cables to Ground Rod

Type BCR-24 Molds are used to join horizontal parallel cables to the top of a vertical ground rod. Size range is #4 through 750 kcmil solid or concentric stranded copper conductors; 1/2" through 1" for the ground rod. Contact BURNDY® for information on molds for conductors not listed below.



NOTES:

- For sizes not listed, contact BURNDY®
- Molds listed are for concentric stranded cable; add suffix "S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®
- For expedited service, contact BURNDY®

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor; B38-3922-00 Mold Cleaning Brush; B38-0135-00 Cable Cleaning Brush; B38-0330-00 Cable Clamp

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Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod Size	Tap				
1/2"	#4	B-5640	4	115	B-106
	#2	B-5667	4	115	B-106
	#1	B-6002	4	115	B-106
	1/0	B-5767	4	150	B-106
	2/0	B-5604	4	200	B-106
	3/0	B-5560	4	250	B-106
	4/0	B-6766	4	250	B-106
5/8"	#4	B-6208	4	115	B-106
	#2	B-5702	4	150	B-106
	#1	B-5517	4	150	B-106
	1/0	B-5573	4	200	B-106
	2/0	B-8451	4	250	B-106
	3/0	B-2510	5	2-150	B-107
	4/0	B-5428	5	2-150	B-107
	250 kcmil	B-1212	5	2-200	B-107
	300 kcmil	B-2084	5	500	B-107
	350 kcmil	B-2558	5	500	B-107
	500 kcmil	B-2450	5	3-250	B-107
3/4"	#4	B-8011	4	115	B-106
	#2	B-2320	4	150	B-106
	#1	B-2235	4	150	B-106
	1/0	B-6051	4	200	B-106
	2/0	B-8802	4	250	B-106
	3/0	B-8726	5	2-150	B-107
	4/0	B-5677	5	2-150	B-107
	250 kcmil	B-8461	5	2-200	B-107
	300 kcmil	B-8428	5	500	B-107
	350 kcmil	B-8294	5	500	B-107
	500 kcmil	B-8214	5	3-250	B-107
	750 kcmil	B-8027	6	2-500	B-107

Cable		Mold Number	Price Key	Weld Metal	Handle Clamps
Grd Rod Size	Tap				
1"	#4	B-5330	4	150	B-106
	#2	B-5332	4	200	B-106
	#1	B-5333	4	200	B-106
	1/0	B-5334	4	250	B-106
	2/0	B-5335	5	2-150	B-107
	3/0	B-5336	5	2-200	B-107
	4/0	B-5337	5	2-200	B-107
	250 kcmil	B-5338	5	500	B-107
	300 kcmil	B-5341	5	3-200	B-107
	350 kcmil	B-5351	5	3-200	B-107
500 kcmil	B-5352	6	2-500	B-107	
	B-5353	64	5-250	B-107	

Blue highlighted items are industry standard and most frequently ordered.

Grounding

BURNDY[®] Exothermic

BURNDY[®]

SINGLE SHOT MOLDS

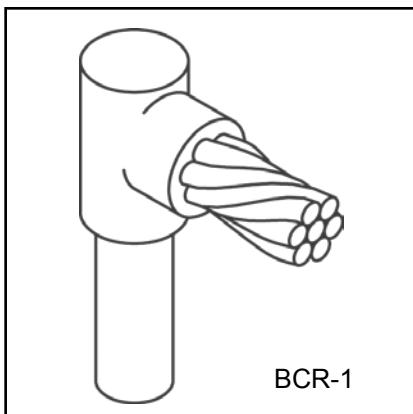
RUS Accepted

BURNDYWeld[®] Single Shot Molds are an economical way to make cable connections onto the top of a ground rod. The Single Shot is a disposable single use ceramic mold that comes complete with everything required except the Flint Ignitor.

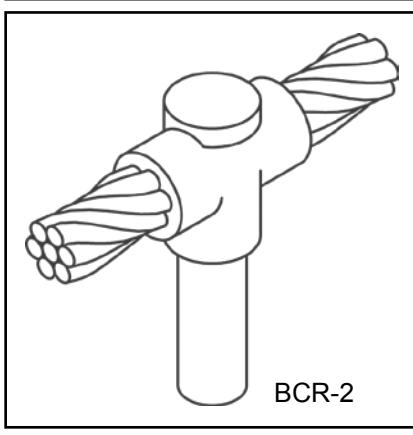
* UL Listed

E-86

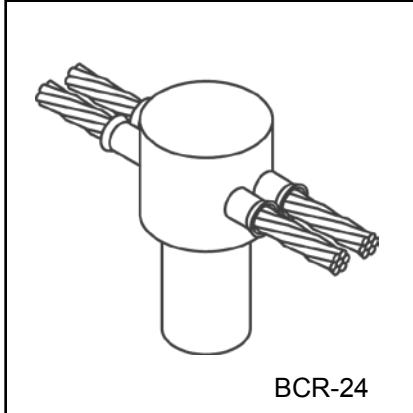
Ground Rod Size	Cable Size		Mold Number	Type
	Solid	Stranded		
1/2"	#6, #8	#8	BS-2009	BCR-1•
	#3, #4	#4, #6	BS-2010	BCR-1•
	#1, #2	#2, #3	BS-2011	BCR-1•
	#6, #8	#8	BS-2024	BCR-2•
	#3, #4	#4, #6	BS-2025	BCR-2•
	#1, #2	#2, #3	BS-2026	BCR-1•
5/8"	#6, #8	#8	BS-2012	BCR-1•
	#3, #4	#4, #6	BS-2013	BCR-1•
	#1, #2	#2, #3	BS-2014	BCR-1•
	2/0, 1/0	1/0, #1	BS-2015	BCR-1•
	—	2/0	BS-2016	BCR-1•
	#6, #8	#8	BS-2027	BCR-2•
	#3, #4	#4, #6	BS-2028	BCR-2•
	#1, #2	#2, #3	BS-2029	BCR-2•
	2/0, 1/0	1/0, #1	BS-2030	BCR-2•
	#6, #8	#8	BS-2105	BCR-24
	#3, #4	#4, #6	BS-2106	BCR-14
	#1, #2	#2, #3	BS-2107	BCR-24
	#6, #8	#8	BS-2006	BCR-25
	#3, #4	#4, #6	BS-2007	BCR-25
3/4"	#1, #2	#2, #3	BS-2008	BCR-25
	#6, #8	#8	BS-2017	BCR-1
	#3, #4	#4, #6	BS-2018	BCR-1•
	#1, #2	#2, #3	BS-2019	BCR-1•
	2/0, 1/0	1/0, #1	BS-2020	BCR-1•
	—	2/0	BS-2021	BCR-1•
	#6, #8	#8	BS-2031	BCR-2•
	#3, #4	#4, #6	BS-2032	BCR-2•
	#1, #2	#2, #3	BS-2033	BCR-2•
	2/0, 1/0	1/0, #1	BS-2034	BCR-2•
	#6, #8	#8	BS-2108	BCR-24
	#3, #4	#4, #6	BS-2109	BCR-24
	#1, #2	#2, #3	BS-2110	BCR-24
	#6, #8	#8	BS-2068	BCR-25•
	#3, #4	#4, #6	BS-2069	BCR-25•
	#1, #2	#2, #3	BS-2070	BCR-25•



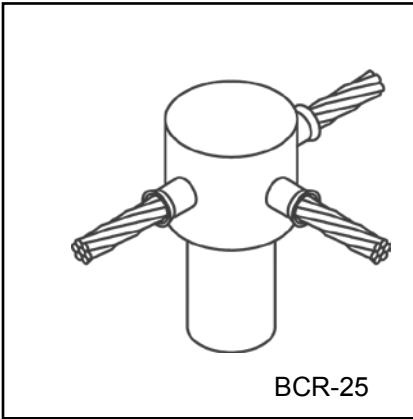
BCR-1



BCR-2



BCR-24



BCR-25

Blue highlighted items are industry standard and most frequently ordered.

US: 1-800-346-4175

www.burndy.com

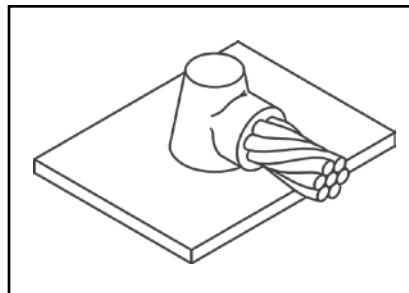
Canada: 1-800-387-6487

TYPE BCS-1 MOLDS

**Horizontal Cable to
Horizontal Steel Surface**



Type BCS-1 Molds are used to terminate a horizontal copper cable to any horizontal steel surface. Note that the cable is OFF the surface. Size range is 1/0 through 1000 kcmil solid or concentric stranded copper conductors. Contact BURNDY® for information on molds for conductors not listed below.

**NOTES:**

- For sizes not listed, contact BURNDY®
- Molds listed are for concentric stranded cable; add suffix "S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®
- For expedited service, contact BURNDY®

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor; B38-3922-00 Mold Cleaning Brush; B38-0135-00 Cable Cleaning Brush; B38-0330-00 Cable Clamp

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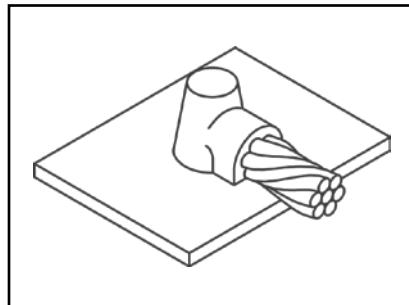
Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
1/0	B-644	4	90	B-106
2/0	B-645	4	90	B-106
3/0	B-646	4	115	B-106
4/0	B-647	4	115	B-106
250 kcmil	B-648	4	115	B-106
300 kcmil	B-649	4	150	B-106
350 kcmil	B-650	4	200	B-106
500 kcmil	B-652	4	200	B-106
750 kcmil	B-653	5	2-150	B-106
1000 kcmil	B-654	5	2-200	B-107

TYPE BCS-8 MOLDS

**Horizontal Cable to
Horizontal Steel Surface**



Type BCS-8 Molds are used to terminate a horizontal copper cable to any horizontal steel surface. Note that the cable is ON the surface. Size range is #6 through 1000 kcmil solid or concentric stranded copper conductors. Contact BURNDY® for information on molds for conductors not listed below.

**NOTES:**

- For sizes not listed, contact BURNDY®
- Molds listed are for concentric stranded cable; add suffix "S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®
- For expedited service, contact BURNDY®

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor; B38-3922-00 Mold Cleaning Brush; B38-0135-00 Cable Cleaning Brush; B38-0330-00 Cable Clamp

① B38-0309-00 Flint ignitor included

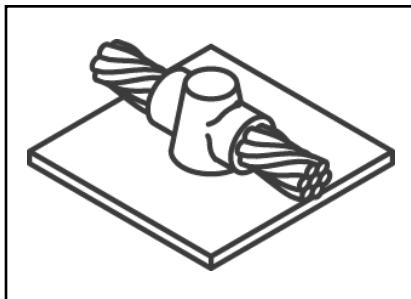
Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
#6	B-628	3 ①	45	Incl.
#4	B-629	3 ①	45	Incl.
#2	B-630	3 ①	45	Incl.
#1	B-631	3 ①	65	Incl.
1/0	B-7146	4	90	B-106
2/0	B-7075	4	90	B-106
3/0	B-2199	4	115	B-106
4/0	B-6114	4	115	B-106
250 kcmil	B-2200	4	115	B-106
300 kcmil	B-2506	4	150	B-106
350 kcmil	B-2507	4	200	B-106
500 kcmil	B-2509	4	200	B-106
750 kcmil	B-2542	5	2-150	B-107
1000 kcmil	B-2511	5	2-200	B-107

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCS-2 MOLDS

Horizontal Through Cable to Horizontal Steel Surface

Type BCS-2 Molds are used to join horizontal through copper cable to any horizontal steel surface. Note the cable is OFF the surface. Size range is 1/0 through 1000 kcmil solid or concentric stranded copper conductors. Contact BURNDY[®] for information on molds for conductors not listed below.



NOTES:

- For sizes not listed, contact BURNDY[®]
- Molds listed are for concentric stranded cable; add suffix "-S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld[®] cable, contact BURNDY[®]
- For expedited service, contact BURNDY[®]

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

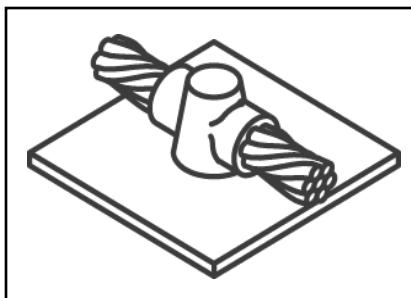
B38-0309-00 Flint Ignitor; **B38-3922-00** Mold Cleaning Brush; **B38-0135-00** Cable Cleaning Brush; **B38-0330-00** Cable Clamp

Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
1/0	B-616	4	90	B-106
2/0	B-617	4	115	B-106
3/0	B-618	4	115	B-106
4/0	B-619	4	150	B-106
250 kcmil	B-620	4	150	B-106
300 kcmil	B-621	4	200	B-106
350 kcmil	B-622	4	250	B-106
500 kcmil	B-624	5	2-150	B-107
750 kcmil	B-625-H	5	3-250	B-107
1000 kcmil	B-626-H	5	2-500	B-107

TYPE BCS-9 MOLDS

Horizontal Through Cable to Horizontal Steel Surface

Type BCS-9 Molds are used to join horizontal through copper cable to any horizontal steel surface. Note the cable is ON the surface. Size range is #6 through 500 kcmil solid or concentric stranded copper conductors. Contact BURNDY[®] Products for information on molds for conductors not listed below.



NOTES:

- For sizes not listed, contact BURNDY[®]
- Molds listed are for concentric stranded cable; add suffix "-S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld[®] cable, contact BURNDY[®]
- For expedited service, contact BURNDY[®]

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor; **B38-3922-00** Mold Cleaning Brush; **B38-0135-00** Cable Cleaning Brush; **B38-0330-00** Cable Clamp

① **B38-0309-00** Flint ignitor included

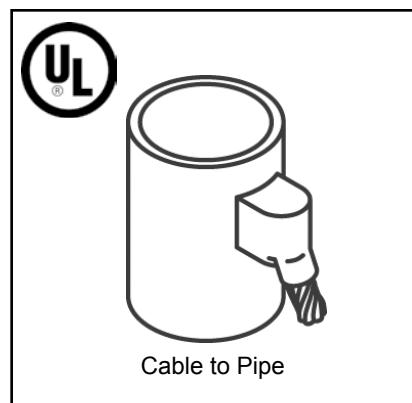
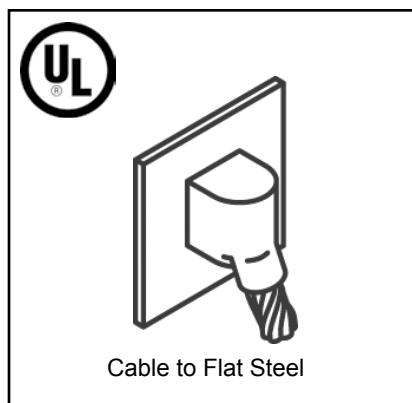
Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
#6	B-602	3 ①	45	Incl.
#4	B-603	3 ①	45	Incl.
#2	B-604	3 ①	45	Incl.
#1	B-605	3 ①	65	Incl.
1/0	B-8379	4	90	B-106
2/0	B-5331	4	115	B-106
3/0	B-8381	4	115	B-106
4/0	B-7192	4	150	B-106
250 kcmil	B-8413	4	150	B-106
300 kcmil	B-8423	4	200	B-106
350 kcmil	B-8410	4	250	B-106
500 kcmil	B-5065	5	2-150	B-107

Blue highlighted items are industry standard and most frequently ordered.

TYPE BCS-3 MOLDS

Angular Cable Drop to Vertical Steel Surface

Type BCS-3 Molds are used to join the end of a copper cable at a 45° angle to a vertical steel surface. Size range is #6 through 1000 kcmil solid or concentric stranded copper conductors. Contact BURNDY® for information on molds for conductors not listed below.



E-89

Cable Size	Pipe Size	Mold Number	Price Key	Weld Metal	Handle Clamps
#6	Flat Steel Only	B-585	4	45	B-106
#4	12" & up	B-586①	4	45	B-106
#3	Flat Steel Only	B-587	4	45	B-106
#2	12" & up	B-588①	4	45	B-106
#1	12" & up	B-589①	4	65	B-106
1/0	12" & up	B-590①	4	90	B-106
2/0	12" & up	B-591①	4	90	B-106
3/0	12" & up	B-592①	4	115	B-106
4/0	12" & up	B-593①	4	115	B-106
250 kcmil	Flat Steel Only	B-594	4	115	B-106
300 kcmil	Flat Steel Only	B-595	4	150	B-106
350 kcmil	Flat Steel Only	B-596	4	200	B-106
500 kcmil	Flat Steel Only	B-598	4	200	B-106
750 kcmil	Flat Steel Only	B-599	5	2-150	B-106
1000 kcmil	Flat Steel Only	B-600	5	2-200	B-106
#4	1-1/4" to 4"	B-2476	4	45	B-106
#4	4" to 6"	B-2477	4	45	B-106
#4	6" to 10"	B-2478	4	45	B-106
#2 Sol	1-1/4" to 4"	B-9233-S	4	45	B-106
#2 Sol	4" to 6"	B-2480-S	4	45	B-106
#2 Sol	6" to 10"	B-2583-S	4	45	B-106
#2 Sol	12" & up	B-588-S①	4	45	B-106
#2	1-1/4" to 4"	B-9233	4	45	B-106
#2	4" to 6"	B-2480	4	45	B-106
#2	6" to 10"	B-2583	4	45	B-106
#1	1-1/4" to 4"	B-2482	4	65	B-106
#1	4" to 6"	B-2483	4	65	B-106
#1	6" to 10"	B-2484	4	65	B-106
1/0	1-1/4" to 4"	B-2486	4	90	B-106
1/0	4" to 6"	B-2487	4	90	B-106
1/0	6" to 10"	B-2488	4	90	B-106

Cable Size	Pipe Size	Mold Number	Price Key	Weld Metal	Handle Clamps
2/0	1-1/4" to 4"	B-8833	4	90	B-106
2/0	4" to 6"	B-2490	4	90	B-106
2/0	6" to 10"	B-2491	4	90	B-106
3/0	1-1/4" to 4"	B-2493	4	115	B-106
3/0	4" to 6"	B-2494	4	115	B-106
3/0	6" to 10"	B-2495	4	115	B-106
4/0	1-1/4" to 4"	B-9021	4	115	B-106
4/0	4" to 6"	B-2497	4	115	B-106
4/0	6" to 10"	B-2498	4	115	B-106

① Flat Surface Mold; These items can be used to Flat Steel or to Pipe

NOTES:

- For sizes not listed, contact BURNDY®
- Molds listed are for concentric stranded cable; add suffix "S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®
- For expedited service, contact BURNDY®

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor
B38-3922-00 Mold Cleaning Brush
B38-0135-00 Cable Cleaning Brush
B38-0330-00 Cable Clamp

Blue highlighted items are industry standard and most frequently ordered.

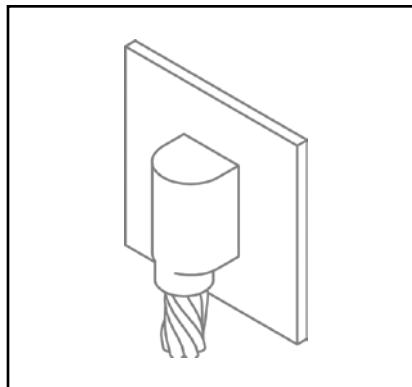
Grounding BURNDY[®] Exothermic

BURNDY[®]

TYPE BCS-23 MOLDS

Vertical Cable Drop to Vertical Steel Surface

Type BCS-23 Molds are used to join vertical cable down to a vertical steel surface. Note that the cable is OFF the surface. Size range is #6 through 500 kcmil solid or concentric stranded copper conductors. Contact BURNDY[®] for information on molds for conductors not listed below.



NOTES:

- For sizes not listed, contact BURNDY[®]
- Molds listed are for concentric stranded cable; add suffix "-S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld[®] cable, contact BURNDY[®]
- For expedited service, contact BURNDY[®]

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor; B38-3922-00 Mold Cleaning Brush; B38-0135-00 Cable Cleaning Brush; B38-0330-00 Cable Clamp

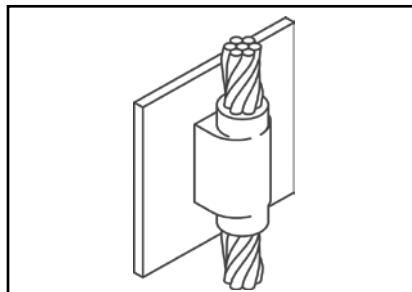
E-90

Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
#6	B-5389	4	45	B-106
#4	B-5359	4	65	B-106
#2	B-2781	4	65	B-106
#1	B-5361	4	90	B-106
1/0	B-2189	4	115	B-106
2/0	B-2540	4	115	B-106
3/0	B-5362	4	150	B-106
4/0	B-8718	4	150	B-106
250 kcmil	B-8165	4	200	B-106
300 kcmil	B-5363	4	200	B-106
350 kcmil	B-9029	4	250	B-106
500 kcmil	B-8512	17	2-150	B-106

TYPE BCS-4 MOLDS

Vertical Through Cable to Vertical Steel Surface

Type BCS-4 Molds are used to join a vertical through copper cable to a vertical steel surface. Note that the cable is OFF the surface. For molds with the cable on the surface, contact BURNDY[®]. Size range is #6 through 500 kcmil solid or concentric stranded copper conductors. Contact BURNDY[®] for information on molds for conductors not listed.



NOTES:

- For sizes not listed, contact BURNDY[®]
- Molds listed are for concentric stranded cable; add suffix "-S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld[®] cable, contact BURNDY[®]
- For expedited service, contact BURNDY[®]

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor; B38-3922-00 Mold Cleaning Brush; B38-0135-00 Cable Cleaning Brush; B38-0330-00 Cable Clamp

Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
#6	B-1215	4	90	B-106
#4	B-1216	4	90	B-106
#2	B-1218	4	115	B-106
#1	B-1219	4	115	B-106
1/0	B-1220	17	200	B-106
2/0	B-1221	17	200	B-106
3/0	B-1222	17	250	B-106
4/0	B-1223	17	250	B-106
250 kcmil	B-1224	17	250	B-106
300 kcmil	B-1225-H	6	500	B-107
350 kcmil	B-1226-H	6	3-200	B-107
500 kcmil	B-1228-H	6	3-250	B-107

Blue highlighted items are industry standard and most frequently ordered.

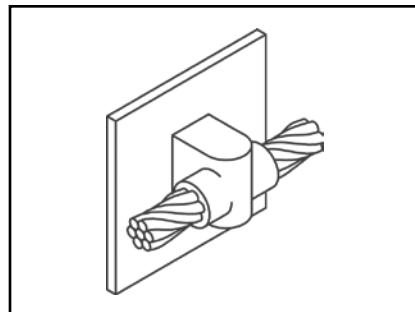
US: 1-800-346-4175

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Canada: 1-800-387-6487

TYPE BCS-6 MOLDS**Horizontal Through Cable to Vertical Steel Surface**

Type BCS-6 Molds are used to join horizontal through copper cable to a vertical steel surface. Note that the cable is OFF the surface. Size range is #6 through 250 kcmil solid or concentric stranded copper conductors. Contact BURNDY® for information on molds for conductors not listed below.



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

NOTES:

- For sizes not listed, contact BURNDY®
- Molds listed are for concentric stranded cable; add suffix “-S” to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®
- For expedited service, contact BURNDY®

Required Tools:

Handle Clamps - see chart for correct handle catalog number

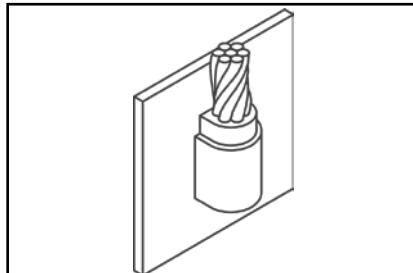
Recommended Accessories:

- B38-0309-00 Flint Ignitor
 B38-3922-00 Mold Cleaning Brush
 B38-0135-00 Cable Cleaning Brush
 B38-0330-00 Cable Clamp

E-91

TYPE BCS-7 MOLDS**Overhead Vertical Tap Cable to Vertical Steel Surface**

Type BCS-7 Molds are used to join an overhead vertical copper conductor drop tap to a vertical steel surface. Size range is #6 through 1000 kcmil solid or concentric stranded copper conductors. Contact BURNDY® for information on molds for conductors not listed.

**NOTES:**

- For sizes not listed, contact BURNDY®
- Molds listed are for concentric stranded cable; add suffix “-S” to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®
- For expedited service, contact BURNDY®

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

- B38-0309-00 Flint Ignitor
 B38-3922-00 Mold Cleaning Brush
 B38-0135-00 Cable Cleaning Brush
 B38-0330-00 Cable Clamp

Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
#6	B-1635	4	65	B-106
#4	B-1636	4	65	B-106
#3	B-1637	4	65	B-106
#2	B-1638	4	65	B-106
#1	B-1639	4	90	B-106
1/0	B-1640	4	150	B-106
2/0	B-1641	4	150	B-106
3/0	B-1642	17	200	B-106
4/0	B-1643	17	200	B-106
250 kcmil	B-1644	17	200	B-106
300 kcmil	B-1645	17	250	B-106
350 kcmil	B-1646	6	2-150	B-107
500 kcmil	B-1648	6	2-200	B-107
750 kcmil	B-1649	6	500	B-107
1000 kcmil	B-1650	6	3-200	B-107

Blue highlighted items are industry standard and most frequently ordered.

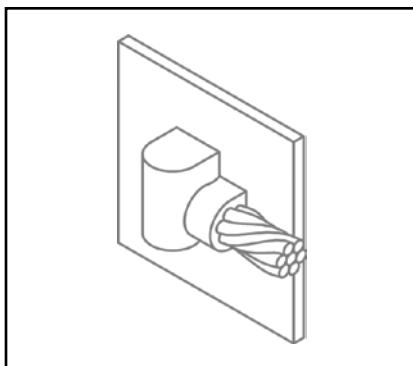
Grounding BURNDY[®] Exothermic

BURNDY[®]

TYPE BCS-18 MOLDS

Horizontal Tap Cable to Vertical Steel Surface

Type BCS-18 Molds are used to connect a horizontal conductor to a vertical steel surface. Note that the cable is ON the surface. Size range is #6 through 500 kcmil solid or concentric stranded copper conductors. Contact BURNDY[®] for information on molds for conductors not listed below.



NOTES:

- For sizes not listed, contact BURNDY[®]
- Molds listed are for concentric stranded cable; add suffix "-S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld[®] cable, contact BURNDY[®]
- For expedited service, contact BURNDY[®]

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor; B38-3922-00 Mold Cleaning Brush; B38-0135-00 Cable Cleaning Brush; B38-0330-00 Cable Clamp

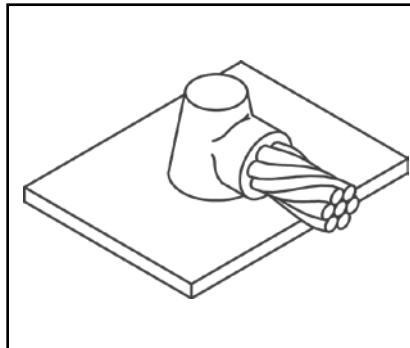
Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
#6	B-5910	4	45	B-106
#4	B-2761	4	45	B-106
#1	B-6060	4	65	B-106
1/0	B-5419	4	90	B-106
2/0	B-2567	4	90	B-106
3/0	B-6072	4	115	B-106
4/0	B-9253	4	115	B-106
250 kcmil	B-2568	4	115	B-106
300 kcmil	B-6061	4	150	B-106
350 kcmil	B-6067	4	200	B-106
500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

TYPE BCS-5 MOLDS

Horizontal Cable Tap to Horizontal Cast Iron Surface

Type BCS-5 Molds are used to join horizontal cable taps to horizontal cast iron surfaces. Note that the cable is ON the surface. Size range is #6 through #1 solid or concentric stranded copper conductors. Contact BURNDY[®] for information on molds for conductors not listed below.

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



NOTES:

- For sizes not listed, contact BURNDY[®]
- Molds listed are for concentric stranded cable; add suffix "-S" to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld[®] cable, contact BURNDY[®]
- For expedited service, contact BURNDY[®]

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor
B38-3922-00 Mold Cleaning Brush
B38-0135-00 Cable Cleaning Brush
B38-0330-00 Cable Clamp

Cable Size	Mold Number	Price Key	Weld Metal	Handle Clamps
#6 Sol	B-1613	3 ①	2SCI	Incl.
#6	B-1614	3 ①	25CI	Incl.
#4 Sol	B-1615	3 ①	45CI	Incl.
#4	B-1616	3 ①	45CI	Incl.
#2 Sol	B-1617	3 ①	45CI	Incl.
#2	B-1618	3 ①	45CI	Incl.
#1 Sol	B-1619	3 ①	65CI	Incl.
#1	B-1620	3 ①	65CI	Incl.

① B38-0309-00 Flint ignitor included

Blue highlighted items are industry standard and most frequently ordered.

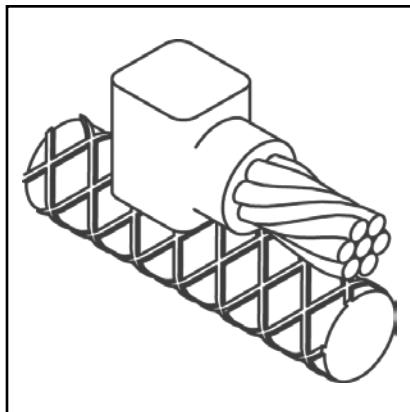
US: 1-800-346-4175

www.burndy.com

Canada: 1-800-387-6487

TYPE BCRE-1 MOLDS**Horizontal Parallel Tap to Rebar**

Type BCRE-1 Molds are recommended for parallel, horizontal connections for solid or concentric stranded conductors #6 through 4/0 joined to reinforcing bars #3 through #6 and larger. The high copper content joint has a higher current carrying capacity than the conductors being joined and is impervious to vibration and moisture. Contact BURNDY® for information on molds for conductors not listed below.

**PACKING MATERIAL NOTE**

A packing pad is necessary when making BURNDYWeld® connections to rebar.

Packing material B38032900 is copper shim stock. Packing material numbers B38406100, B38406200 and B38406300 are a ceramic fiber material and can be used for one connection only. Be sure to specify packing material catalog number when ordering mold and weld metal.

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Rebar Size	Cable Size	Mold Number	Packing Material	Price Key	Weld Metal	Handle Clamps
3	#6	B-7500	B38032900	4	25	B-106
	#4	B-7501	B38032900	4	32	B-106
	#2	B-7502	B38032900	4	45	B-106
	#1	B-7503	B38032900	4	65	B-106
	1/0	B-7504	B38032900	4	90	B-106
	2/0	B-7505	B38032900	4	90	B-106
	3/0	B-7506	B38032900	4	115	B-106
4 & Larger	4/0	B-7507	B38032900	4	115	B-106
	#6	B-7508	B38406100	3 ①	25	Incl.
	#4	B-7509	B38406100	3 ①	32	Incl.
	#2	B-7510	B38406100	3 ①	45	Incl.
4	#1	B-7511	B38406100	3 ①	65	Incl.
	1/0	B-7512	B38032900	4	90	B-106
	2/0	B-7513	B38032900	4	90	B-106
	3/0	B-7514	B38032900	4	115	B-106
	4/0	B-7515	B38032900	4	115	B-106
5	1/0	B-7520	B38032900	4	90	B-106
	2/0	B-7521	B38032900	4	90	B-106
	3/0	B-7522	B38032900	4	115	B-106
	4/0	B-7523	B38032900	4	115	B-106
6 & Larger	1/0	B-7528	B38406200	14+	90	Incl.
	2/0	B-7529	B38406200	14+	90	Incl.
	3/0	B-7530	B38406200	14+	115	Incl.
	4/0	B-7531	B38406200	14+	115	Incl.

①B38-0309-00 Flint ignitor included

NOTES:

- For sizes not listed, contact BURNDY®
- Molds listed are for concentric stranded cable; add suffix “-S” to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®
- For expedited service, contact BURNDY®

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor
B38-3922-00 Mold Cleaning Brush
B38-0135-00 Cable Cleaning Brush
B38-0330-00 Cable Clamp

Blue highlighted items are industry standard and most frequently ordered.

Grounding

BURNDY[®] Exothermic

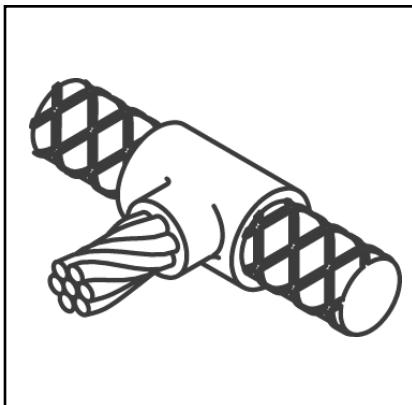
BURNDY[®]

TYPE BCRE-2 MOLDS

Horizontal Cable Tap to Horizontal Rebar Run

E-94

Type BCRE-2 Molds are recommended for right angle, horizontal connections for solid or concentric stranded conductors #6 through 4/0 joined to reinforcing bars #3 through #6. The high copper content joint has a higher current carrying capacity than the conductors being joined and is impervious to vibration and moisture.



PACKING MATERIAL NOTE

A packing pad is necessary when making BURNDY[®] connections to rebar.

Packing material B38032900 is copper shim stock. Packing material numbers B38406100, B38406200 and B38406300 are a ceramic fiber material and can be used for one connection only. Be sure to specify packing material catalog number when ordering mold and weld metal.

Rebar Size	Cable Size	Mold Number	Packing Material	Price Key	Weld Metal	Handle Clamps
3	#6	B-7588	B38032900	4	45	B-106
	#4	B-7589	B38032900	4	45	B-106
	#2	B-7590	B38032900	4	65	B-106
	#1	B-7591	B38032900	4	65	B-106
	1/0	B-7592	B38032900	4	90	B-106
	2/0	B-7593	B38032900	4	90	B-106
	3/0	B-7594	B38032900	4	115	B-106
	4/0	B-7595	B38032900	4	115	B-106
4	#6	B-7596	B38032900	4	45	B-106
	#4	B-7597	B38032900	4	45	B-106
	#2	B-7598	B38032900	4	65	B-106
	#1	B-7599	B38032900	4	65	B-106
	1/0	B-7600	B38032900	4	90	B-106
	2/0	B-7601	B38032900	4	90	B-106
	3/0	B-7602	B38032900	4	115	B-106
	4/0	B-7603	B38032900	4	115	B-106
5	#6	B-7604	B38032900	4	90	B-106
	#4	B-7605	B38032900	4	90	B-106
	#2	B-7606	B38032900	4	90	B-106
	#1	B-7607	B38032900	4	90	B-106
	1/0	B-7608	B38032900	4	115	B-106
	2/0	B-7609	B38032900	4	115	B-106
	3/0	B-7610	B38032900	4	150	B-106
	4/0	B-7611	B38032900	4	150	B-106
6	#6	B-7612	B38032900	4	90	B-106
	#4	B-7613	B38032900	4	90	B-106
	#2	B-7614	B38032900	4	90	B-106
	#1	B-7615	B38032900	4	90	B-106
	1/0	B-7616	B38032900	4	115	B-106
	2/0	B-7617	B38032900	4	115	B-106
	3/0	B-7618	B38032900	4	150	B-106
	4/0	B-7619	B38032900	4	150	B-106

NOTES:

- For sizes not listed, contact BURNDY[®]
- Molds listed are for concentric stranded cable; add suffix “-S” to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld[®] cable, contact BURNDY[®]
- For expedited service, contact BURNDY[®]

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor
B38-3922-00 Mold Cleaning Brush
B38-0135-00 Cable Cleaning Brush
B38-0330-00 Cable Clamp

Blue highlighted items are industry standard and most frequently ordered.

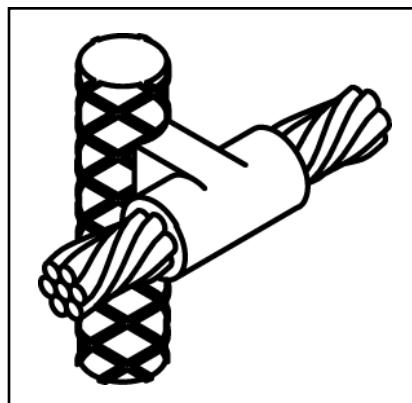
US: 1-800-346-4175

www.burndy.com

Canada: 1-800-387-6487

TYPE BCRE-3 MOLDS**Horizontal through Cable to Vertical Rebar**

Type BCRE-3 Molds are recommended for horizontal conductors to vertical rebar connections for solid or concentric stranded conductors #6 through 4/0 joined to reinforcing bars #3 through #7 & larger. The high copper content joint has a higher current carrying capacity than the conductors being joined and is impervious to vibration and moisture. Contact BURNDY® for information on molds for conductors not listed below.

**PACKING MATERIAL NOTE**

A packing pad is necessary when making BURNDYWeld® connections to rebar.

Packing material B38032900 is copper shim stock. Packing material numbers B38406100, B38406200 and B38406300 are a ceramic fiber material and can be used for one connection only. Be sure to specify packing material catalog number when ordering mold and weld metal.

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Rebar Size	Cable Size	Mold Number	Packing Material	Price Key	Weld Metal	Handle Clamps
3	#6	B-7620	B38032900	24	90	B-106
	#4	B-7621	B38032900	24	90	B-106
	#2	B-7622	B38032900	24	90	B-106
	#1	B-7623	B38032900	24	115	B-106
	1/0	B-7624	B38032900	24	115	B-106
	2/0	B-7625	B38032900	24	115	B-106
	3/0	B-7626	B38032900	24	150	B-106
	4/0	B-7627	B38032900	24	150	B-106
4	#6	B-7628	B38032900	24	90	B-106
	#4	B-7629	B38032900	24	90	B-106
	#2	B-7630	B38032900	24	90	B-106
	#1	B-7631	B38032900	24	115	B-106
	1/0	B-7632	B38032900	24	115	B-106
	2/0	B-7633	B38032900	24	115	B-106
	3/0	B-7634	B38032900	24	150	B-106
	4/0	B-7635	B38032900	24	150	B-106
5	#6	B-7636	B38032900	24	90	B-106
	#4	B-7637	B38032900	24	90	B-106
	#2	B-7638	B38032900	24	90	B-106
	#1	B-7639	B38032900	24	115	B-106
	1/0	B-7640	B38032900	24	115	B-106
	2/0	B-7641	B38032900	24	115	B-106
	3/0	B-7642	B38032900	24	150	B-106
	4/0	B-7643	B38032900	24	150	B-106

Rebar Size	Cable Size	Mold Number	Packing Material	Price Key	Weld Metal	Handle Clamps
6	#6	B-7644	B38032900	24	90	B-106
	#4	B-7645	B38032900	24	90	B-106
	#2	B-7646	B38032900	24	90	B-106
	#1	B-7647	B38032900	24	115	B-106
	1/0	B-7648	B38032900	24	115	B-106
	2/0	B-7649	B38032900	24	115	B-106
	3/0	B-7650	B38032900	24	150	B-106
	4/0	B-7651	B38032900	24	150	B-106
7 & Larger	#6	B-7652	B38406300	4	90	B-106-41
	#4	B-7653	B38406300	4	90	B-106-41
	#2	B-7654	B38406300	4	90	B-106-41
	#1	B-7655	B38406300	4	115	B-106-41
	1/0	B-7656	B38406300	4	115	B-106-41
	2/0	B-7657	B38406300	4	115	B-106-41
	3/0	B-7658	B38406300	4	150	B-106-41
	4/0	B-7659	B38406300	4	150	B-106-41

NOTES:

- For sizes not listed, contact BURNDY®
- Molds listed are for concentric stranded cable; add suffix “-S” to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®
- For expedited service, contact BURNDY®

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

- B38-0309-00 Flint Ignitor
 B38-3922-00 Mold Cleaning Brush
 B38-0135-00 Cable Cleaning Brush
 B38-0330-00 Cable Clamp

Blue highlighted items are industry standard and most frequently ordered.

Grounding

BURNDY[®] Exothermic

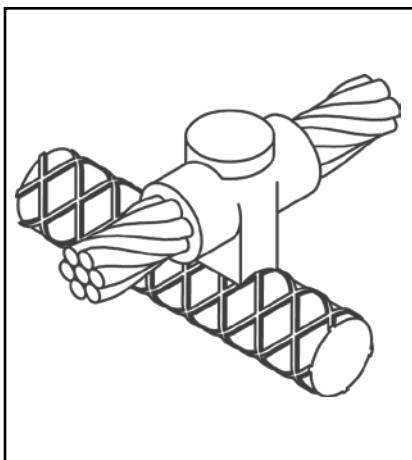
BURNDY[®]

TYPE BCRE-4 MOLDS

Horizontal through Cable to Horizontal Rebar

E-96

Type BCRE-4 Molds are recommended for horizontal through conductors to horizontal rebar at right angle connections for solid or concentric stranded conductors #6 through 4/0 joined to reinforcing bars #3 through #6 & larger. The high copper content joint has a higher current carrying capacity than the conductors being joined and is impervious to vibration and moisture. Contact BURNDY[®] for information on molds for conductors not listed below.



PACKING MATERIAL NOTE

A packing pad is necessary when making BURNDY[®] connections to rebar.

Packing material B38032900 is copper shim stock. Packing material numbers B38406100, B38406200 and B38406300 are a ceramic fiber material and can be used for one connection only. Be sure to specify packing material catalog number when ordering mold and weld metal.

Rebar Size	Cable Size	Mold Number	Packing Material	Price Key	Weld Metal	Handle Clamps
3	#6	B-7708	B38032900	4	90	B-106
	#4	B-7709	B38032900	4	90	B-106
	#2	B-7710	B38032900	4	90	B-106
	#1	B-7711	B38032900	4	115	B-106
	1/0	B-7712	B38032900	22	115	B-106
	2/0	B-7713	B38032900	22	115	B-106
	3/0	B-7714	B38032900	22	150	B-106
	4/0	B-7715	B38032900	22	150	B-106
4	#6	B-7716	B38032900	4	90	B-106
	#4	B-7717	B38032900	4	90	B-106
	#2	B-7718	B38032900	4	90	B-106
	#1	B-7719	B38032900	22	115	B-106
	1/0	B-7720	B38032900	22	115	B-106
	2/0	B-7721	B38032900	22	115	B-106
	3/0	B-7722	B38032900	22	150	B-106
	4/0	B-7723	B38032900	22	150	B-106
5	#6	B-7724	B38032900	4	90	B-106
	#4	B-7725	B38032900	4	90	B-106
	#2	B-7726	B38032900	4	90	B-106
	#1	B-7727	B38032900	22	115	B-106
	1/0	B-7728	B38032900	22	115	B-106
	2/0	B-7729	B38032900	22	115	B-106
	3/0	B-7730	B38032900	22	150	B-106
	4/0	B-7731	B38032900	22	150	B-106
6 & Larger	#6	B-7732	B38406100	14 ①	90	Incl.
	#4	B-7733	B38406100	14 ①	90	Incl.
	#2	B-7734	B38406100	14 ①	90	Incl.
	#1	B-7735	B38406100	14 ①	115	Incl.
	1/0	B-7736	B38406200	14 ①	115	Incl.
	2/0	B-7737	B38406200	14 ①	115	Incl.
	3/0	B-7738	B38406200	14 ①	150	Incl.
	4/0	B-7739	B38406200	14 ①	150	Incl.

NOTES:

- For sizes not listed, contact BURNDY[®]
- Molds listed are for concentric stranded cable; add suffix “-S” to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld[®] cable, contact BURNDY[®]
- For expedited service, contact BURNDY[®]

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

B38-0309-00 Flint Ignitor
B38-3922-00 Mold Cleaning Brush
B38-0135-00 Cable Cleaning Brush
B38-0330-00 Cable Clamp

① B38-0309-00 Flint ignitor included

Blue highlighted items are industry standard and most frequently ordered.

US: 1-800-346-4175

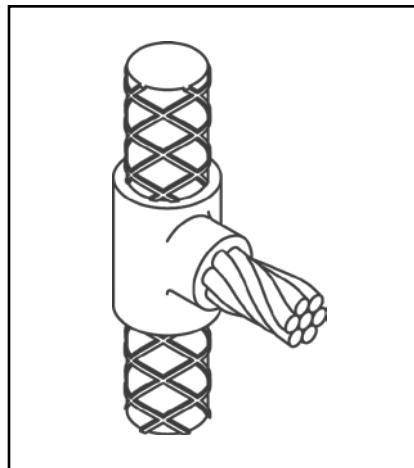
www.burndy.com

Canada: 1-800-387-6487

TYPE BCRE-6 MOLDS**Horizontal Cable Tap to Vertical Rebar**

Type BCRE-6 Molds are recommended for horizontal conductors terminating at right angles to vertical rebar connections for solid or concentric stranded conductors #6 through 4/0 joined to reinforcing bars #3 through #7 and larger. The high copper content joint has a higher current carrying capacity than the conductors being joined and is impervious to vibration and moisture.

Contact BURNDY® for information on molds for conductors not listed below.

**PACKING MATERIAL NOTE**

A packing pad is necessary when making BURNDYWeld® connections to rebar.

Packing material B38032900 is copper shim stock. Packing material numbers B38406100, B38406200 and B38406300 are a ceramic fiber material and can be used for one connection only. Be sure to specify packing material catalog number when ordering mold and weld metal.

E-97

Rebar Size	Cable Size	Mold Number	Packing Material	Price Key	Weld Metal	Handle Clamps
3	#6	B-7884	B38032900	4	90	B-106
	#4	B-7885	B38032900	4	90	B-106
	#2	B-7886	B38032900	4	90	B-106
	#1	B-7887	B38032900	4	115	B-106
	1/0	B-7888	B38032900	4	115	B-106
	2/0	B-7889	B38032900	4	115	B-106
	3/0	B-7890	B38032900	4	150	B-106
	4/0	B-7891	B38032900	4	150	B-106
4	#6	B-7892	B38032900	4	90	B-106
	#4	B-7893	B38032900	4	90	B-106
	#2	B-7894	B38032900	4	90	B-106
	#1	B-7895	B38032900	4	115	B-106
	1/0	B-7896	B38032900	4	115	B-106
	2/0	B-7897	B38032900	4	115	B-106
	3/0	B-7898	B38032900	4	150	B-106
	4/0	B-7899	B38032900	4	150	B-106
5	#6	B-7900	B38032900	4	90	B-106
	#4	B-7901	B38032900	4	90	B-106
	#2	B-7902	B38032900	4	90	B-106
	#1	B-7903	B38032900	4	115	B-106
	1/0	B-7904	B38032900	4	115	B-106
	2/0	B-7905	B38032900	4	115	B-106
	3/0	B-7906	B38032900	4	150	B-106
	4/0	B-7907	B38032900	4	150	B-106

Rebar Size	Cable Size	Mold Number	Packing Material	Price Key	Weld Metal	Handle Clamps
6	#6	B-7908	B38032900	4	90	B-106
	#4	B-7909	B38032900	4	90	B-106
	#2	B-7910	B38032900	4	90	B-106
	#1	B-7911	B38032900	4	115	B-106
	1/0	B-7912	B38032900	4	115	B-106
	2/0	B-7913	B38032900	4	115	B-106
	3/0	B-7914	B38032900	4	150	B-106
	4/0	B-7915	B38032900	4	150	B-106
7 & Larger	#6	B-7916	B38406300	4	90	B-106-32 ①
	#4	B-7917	B38406300	4	90	B-106-32 ①
	#2	B-7918	B38406300	4	90	B-106-32 ①
	#1	B-7919	B38406300	4	115	B-106-32 ①
	1/0	B-7920	B38406300	4	115	B-106-32 ①
	2/0	B-7921	B38406300	4	115	B-106-32 ①
	3/0	B-7922	B38406300	4	150	B-106-32 ①
	4/0	B-7923	B38406300	4	150	B-106-32 ①

① The B106-32 comes complete with a B-106 handle clamp and B40-0106-76 vertical chain clamp. Although good for use on all sizes of rebar, vertical chain clamps are strongly recommended on large size rebar as they hold the mold to the rebar securely. If you already have a B-106 handle clamp, you can purchase the vertical chain clamps separately.

NOTES:

- For sizes not listed, contact BURNDY®
- Molds listed are for concentric stranded cable; add suffix “-S” to mold number for solid conductors
- For heavy duty molds, molds with wear plates or molds for Copperweld® cable, contact BURNDY®
- For expedited service, contact BURNDY®

Required Tools:

Handle Clamps - see chart for correct handle catalog number

Recommended Accessories:

- B38-0309-00 Flint Ignitor
 B38-3922-00 Mold Cleaning Brush
 B38-0135-00 Cable Cleaning Brush
 B38-0330-00 Cable Clamp

Blue highlighted items are industry standard and most frequently ordered.

BURNDY[®] GROUNDMAX[™]

BURNDY[®] GROUNDMAX[™] is an economical solution for areas with very difficult grounding issues. BURNDY[®] GROUNDMAX[™] is highly conductive in a wet or dry application and does not require moisture to lower the resistance of your grounding system. BURNDY[®] GROUNDMAX[™] contains a corrosion inhibitor which forms a film on copper, creating a barrier against corrosion. BURNDY[®] GROUNDMAX[™] can be poured in dry or pumped in slurry form. No tamping required. It is very contractor friendly. No special tools required.

BURNDY[®] GROUNDMAX[™]

Advantages:

- Easy to install
- Electrically conductive
- Environmentally friendly
- Will not leach into the ground
- Positive low resistance, electrical connection to earth
- Does not contain any hazardous chemicals
- Compatible with all copper grounding systems
- Contains a corrosion inhibitor to protect copper
- Will not expand or shrink
- Not affected by freezing
- Excellent shelf life
- Typical resistivity <10 Ohm-cm

E-98

		Material Required per Linear Foot of Trench Width of Trench (inches)										
		4	6	8	10	12	14	16	18	20	22	24
Thickness of BURNDY [®] GROUNDMAX [™] (Inches)	2	4.10	6.20	8.10	10.10	12.10	14.10	16.20	18.20	20.20	22.20	24.20
	3	6.20	9.30	12.10	15.20	18.20	21.20	24.20	27.30	30.30	33.30	36.40
	4	8.20	12.30	16.20	20.20	24.20	28.30	32.30	36.40	40.40	44.50	48.50
	5	10.30	15.40	20.20	25.30	30.30	35.40	40.40	45.50	50.60	55.60	60.60
	6	12.30	18.50	24.20	30.30	36.40	42.40	48.50	54.60	60.60	66.70	72.70
	7	14.40	21.60	28.30	35.40	42.40	49.50	56.60	63.70	70.70	77.80	84.90
	8	16.40	24.70	32.30	40.40	48.50	56.00	64.70	72.70	80.80	88.90	97.00
	9	18.50	27.80	36.40	45.50	54.60	63.70	72.70	81.80	90.90	100.00	109.10
	10	20.60	30.80	40.40	50.50	60.60	70.70	80.80	90.90	101.00	111.10	121.20

To calculate the pounds of material required to fill a trench:

- Determine desired thickness
- Move to the right on the chart above until you are under the known width of the trench - this number will be the weight of the material in lbs/linear ft
- Take this number and multiply by the length of the trench in feet; your answer will be the amount of BURNDY[®] GROUNDMAX[™] material required to fill the trench to the desired level in pounds

Example:

Thickness = 6 inches
 Width of trench = 18 inches
 54.6 lbs per linear ft (see table above)
 Answer = 54.6 lbs per linear ft x 25 ft trench = 1,365 lbs of BURNDY[®] GROUNDMAX[™]
 = Quantity of 28 50-lb bags of BURNDY[®] GROUNDMAX[™]

Blue highlighted items are industry standard and most frequently ordered.

BURNDY® GROUNDMAX™**Application Information****Vertical Installation**

Drill or bore a hole the desired diameter and depth. Suspend ground electrode in center of hole to be filled. Pour BURNDY® GROUNDMAX™ until desired level is obtained. No tamping is required.

Horizontal or Grid**Construction ①**

Pour into horizontal trench until level of ground wire is reached. Place ground wire. Pour additional BURNDY® GROUNDMAX™ until wire is covered to desired height. Cover with fill. No tamping required.

For grid construction, pour BURNDY® GROUNDMAX™ and spread over ground grid until desired thickness is achieved. Cover with fill.

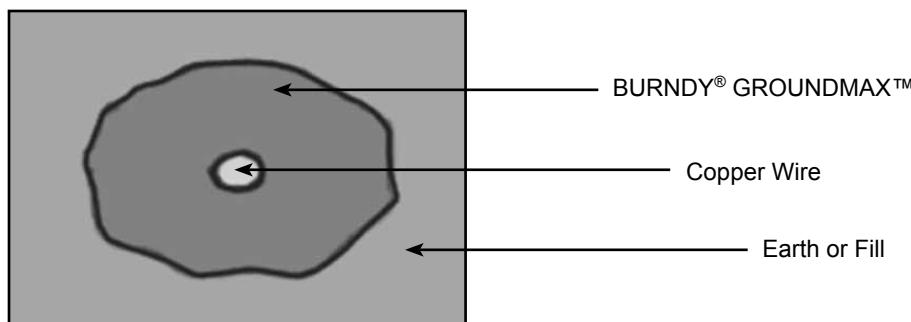
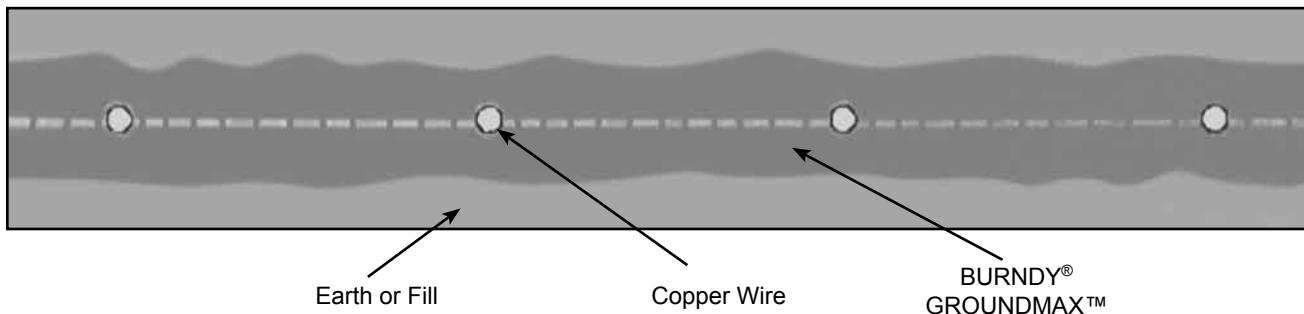
- ① Entire grounding system should be surrounded by BURNDY® GROUNDMAX™. Conductors should be insulated as they exit BURNDY® GROUNDMAX™ column.

Dry Volume of BURNDY® GROUNDMAX™ vs. Hole Size		Ground Resistance Comparison of Bare Rod vs.	
Hole Size	Lbs. of BURNDY® GROUNDMAX™ Per Ft.	Hole Size with 5/8" x 10' Rod in Center of 15' Hole	Percent Resistance Compared to Rod Only (100%)
4"	6.5	4"	52%
6"	14.5	6"	47%
8"	25.8	8"	44%
10"	40.4	10"	42%
12"	58.1	12"	40%

Length	0.457" Diameter Wire Only	Percentage of Resistance with 0.457" Wire Plus BURNDY® GROUNDMAX™ in Various Diameters Compared to Wire Only (100%)			
		2"	3"	4"	6"
25'	100%	83%	78%	74%	69%
50'	100%	85%	81%	77%	73%
75'	100%	86%	82%	79%	75%
100'	100%	87%	83%	80%	77%
150'	100%	88%	84%	82%	78%
200'	100%	88%	85%	83%	79%
250'	100%	89%	85%	83%	80%
300'	100%	89%	86%	84%	80%

E-99

② The use of BURNDY® GROUNDMAX™ around the grounding system will also reduce surge impedance by increasing the effective contact area of the electrode to soil.

Horizontal Construction**Grid Construction**

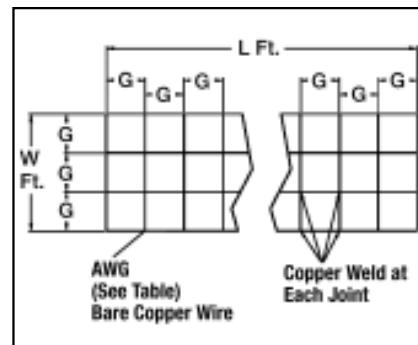
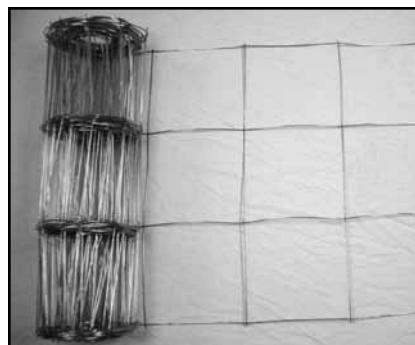
Blue highlighted items are industry standard and most frequently ordered.

Grounding BURNDY® Exothermic

BURNDY®

BURNDY® GRIDMAX®

Grounding, Personnel Safety Mats,
Equipotential Bonding, Pool and
Spa Grounding



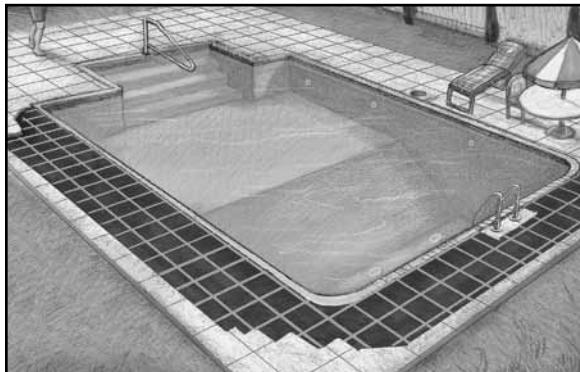
Features & Benefits

E-100

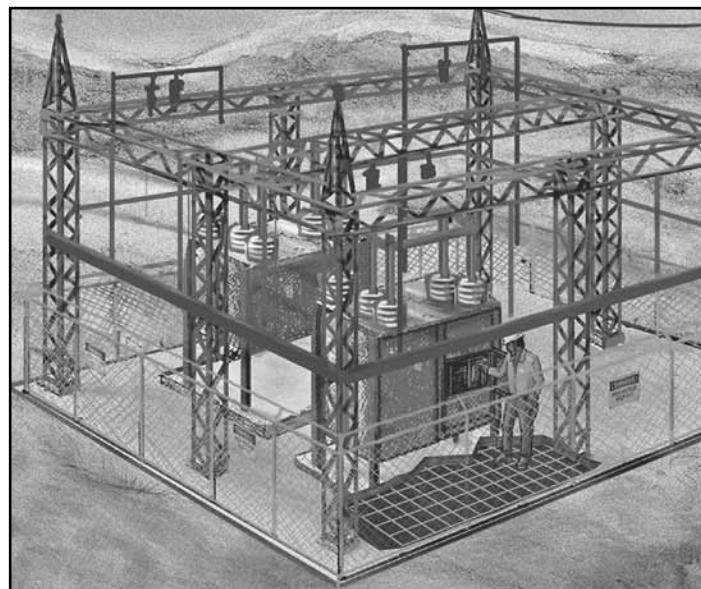
- Manufactured from bare solid copper
- Spaced on 4", 6" or 12" centers
- Copper to copper weld with 6% silver
- Furnished in sections with lengths from 4' to 100'
- Easily and economically installed using BURNDY Weld®, HYGROUNd® or our Mechanical connectors
- Sizes made specifically for the Pool and Spa market 3' x 100' and 3' x 50'. But can be used where any large area grounds are required

Catalog Number	Conductor	Dimensions		
		G (spacing)	L (length)	W (width)
BGM3100	8 AWG	12"	100'	3'
BGM3050	8 AWG	12"	50'	3'
BGM640044	6 AWG	4"	4'	4'
BGM640068	6 AWG	8"	6'	4'
BGM64006	6 AWG	12"	6'	4'
BGM640066	6 AWG	6"	6'	4'

Call for custom mats



Example:
GRIDMAX™
3' wide in pool area



Example:
GRIDMAX™
Personnel Safety Mat

Blue highlighted items are industry standard and most frequently ordered.

US: 1-800-346-4175

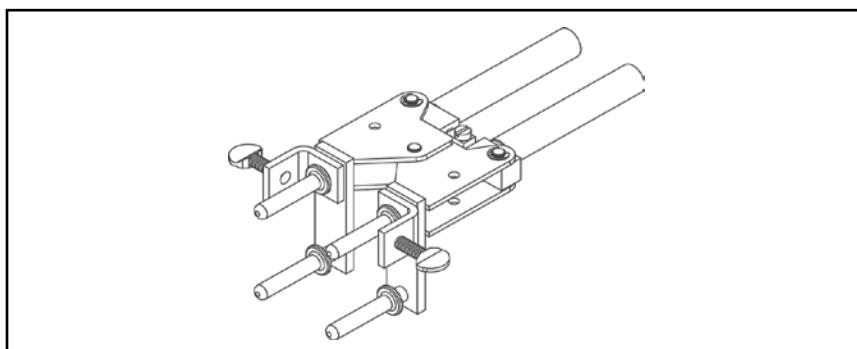
www.burndy.com

Canada: 1-800-387-6487

B-106 & B-107 HANDLE CLAMPS

BURNDYWeld® Handle Clamps make possible the use of many different sizes and types of molds with only two different clamps. The two handle clamps are catalog numbers **B-106 & B-107**. These will fit 95% of all standard BURNDYWeld® molds.

1. Use B-106 clamps for all molds having a price key 4, 7, 17, 22 or 24. These molds are a nominal 3 1/8" x 3 1/8" square.
2. Use B-107 clamps for all molds having a price key 5, 6, 8 or 23. These molds are a nominal 4" x 4" square.
3. All molds having a price key 2, 3, 9, 10, 11, 12, 14, 15 or 16 have an attached frame; separate handles are not required.

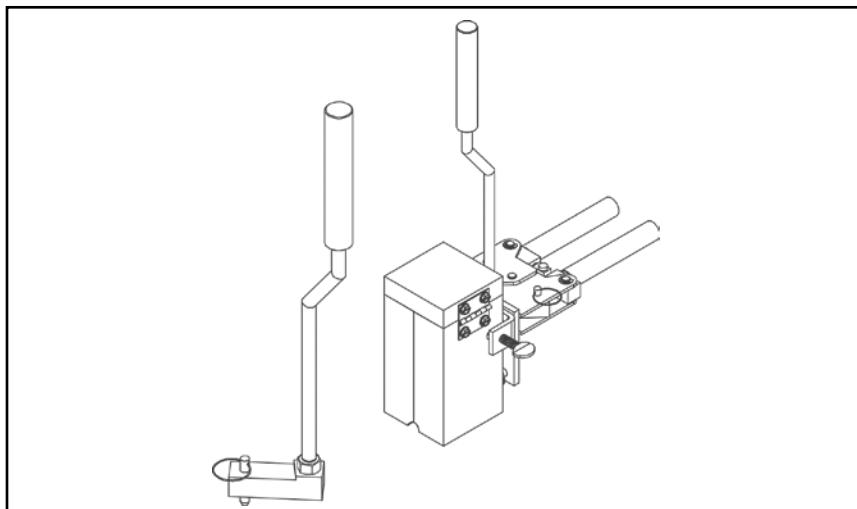


E-101

B40-0106-75 HANDLE ATTACHMENT

This Handle Attachment is used to hold Price Key 14 molds in position. It easily attaches to the B-106 Handle Clamp. This Handle Attachment can be used with weld types BCRE-1 and BCRE-4.

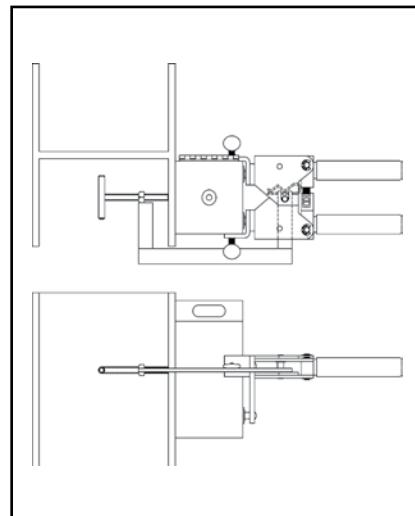
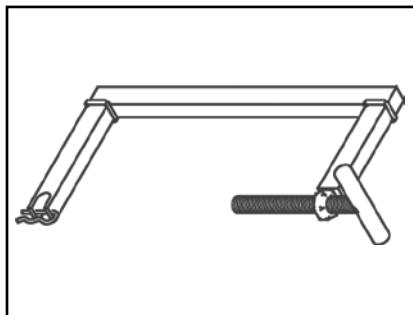
Catalog Number: **B40-0106-75**



MOLD SUPPORT CLAMP

The Mold Support Clamp is used to hold a mold in position on a vertical steel column or angle. It is easily attached to the Handle Clamps. The Mold Support Clamp can be used with weld types BCS-3, BCS-18, BCS-23 and BCS-27.

Catalog Number: **B40-3657-00**



Blue highlighted items are industry standard and most frequently ordered.

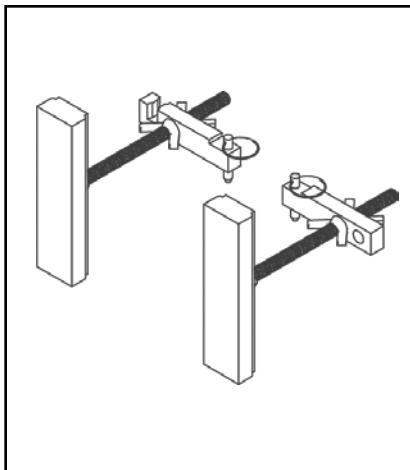
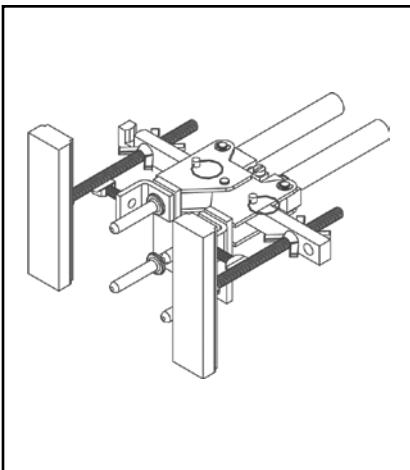
Grounding BURNDY® Exothermic

BURNDY®

VERTICAL MAGNETIC CLAMPS

Magnetic Clamps are used to hold a mold in position on a vertical steel surface. The magnetic clamp can be purchased complete with B-106 Handle Clamps or if you already have a set of handle clamps, you can order just the magnetic mounting assembly. The mounting assembly can easily be mounted on the prongs of your existing B-106 handle clamps. A minimum of 10" is required.

E-102



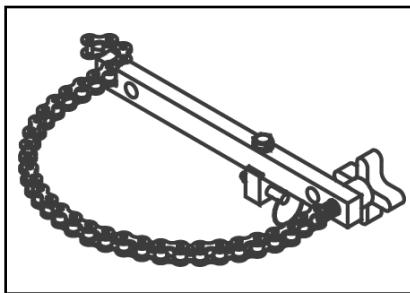
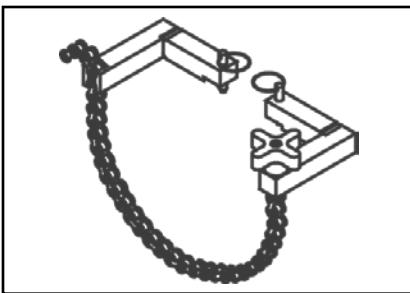
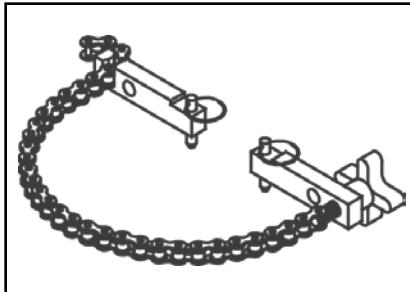
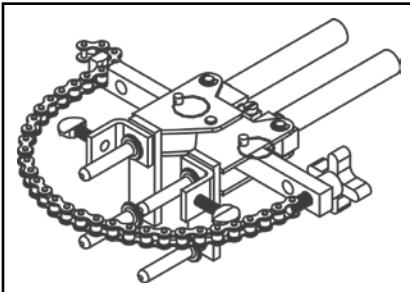
Magnetic Clamps with B106 Handle		
Catalog Number	Fits Molds w/ Price Key	For Use with Weld Types
B40-4431-00	4 & 17	BCS-3, 4, 7 & 23

Magnetic Clamp Only		
Catalog Number	Fits Handle Clamps	For Use with Weld Types
B40-4431-00	B-106 & B-107	BCS-3, 4, 7 & 23

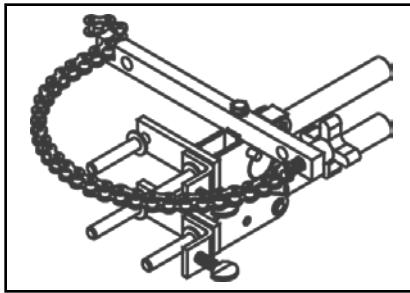
HORIZONTAL & VERTICAL CHAIN CLAMPS

BURNDYWeld®

Chain Clamps are used to hold a mold in position on horizontal or vertical pipe up to 4" in diameter. For larger pipe a 20" chain extension is available to allow the chain clamps to be used on pipe up to 10" in diameter. The chain clamp can be purchased complete with B-106 or B-107 Handle Clamps or if you already have a set of handle clamps, you can order just the chain clamp and mounting assembly. The mounting assembly can easily attached to your existing handle clamps. 20" Chain Extension catalog number: B40-0106-27.



Chain Clamps			
Catalog Number	Fits Molds W/Price Key	For Use With Weld Types	Pipe Position
B106-32	4, 17, 22 & 24	BCS-3, 4, 7, 23 & BCRE-6	Vertical
B107-32	5, 6 & 23	BCS-3, 4, 7 & 23	Vertical
B106-37	4, 17, 22 & 24	BCS-1, 2, 5, 8 & 9	Horizontal
B106-41	4, 17	BCS-6, 18 & BCRE-3	Vertical



Chain Clamp Only (Handle Clamps Not Included)			
Catalog Number	Fits Handle Clamp	For Use With Weld Types	Pipe Position
B40-0106-76	B-106 & B-107	BCS-3, 4, 7, 23 & BCRE-6	Vertical
B40-0106-78	B-106 & B-107	BCS-1, 2, 5, 8 & 9	Horizontal
B40-0106-77	B-106 & B-107	BCS-6, 18 & BCRE-3	Vertical

Blue highlighted items are industry standard and most frequently ordered.

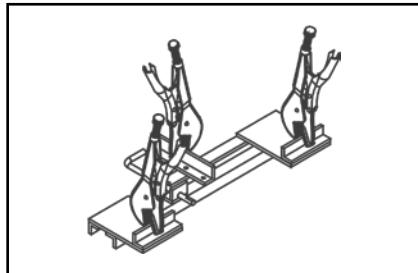
US: 1-800-346-4175

www.burndy.com

Canada: 1-800-387-6487

BURNDYWeld®
ACCESSORIES**B38-0330-00 Cable Clamp**

The BURNDYWeld® Cable Clamp is recommended for holding a wide range of cables properly in place in molds when welding cables that are under tension. This prevents the cables from pulling out of the mold when the weld is made.



E-103

Cable Cleaning and Card Cloth Brush

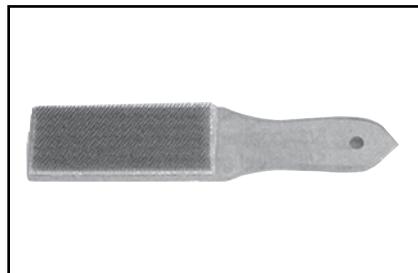
The Cable Cleaning Brush is recommended for cleaning heavily oxidized cables. The V-shape brushes permit their use over a wide range of cable sizes. Brush assembly consists of a handle with two stiff wire bristle brushes that are rotatable, for longer life and are replaceable.



The Card Cloth Brush is used for cleaning large conductors and bus bar. It has short stiff bristles. These brushes are for cleaning cable only, not molds.

The Mold Cleaning Brush **B38-3922-00** is used to clean the graphite mold without scratching the mold.

Description	Catalog Number
Cable Cleaning Brush	B38-0315-00
Replacement Brush	B38-0135-01
Card Cloth Brush	B38-0306-00
Mold Cleaning Brush	B38-3922-00

**Mold Cleaners**

Mold Cleaners are used to clean the slag from molds that are not split through the crucible.

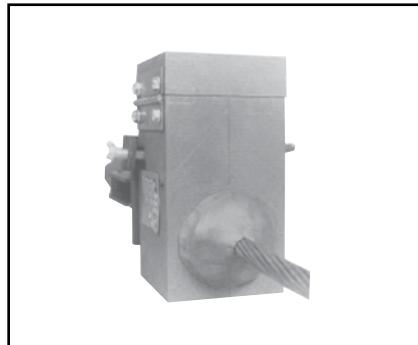
B40-0319-01 for cartridge sizes #15 through #65

B40-0319-03 for cartridge sizes #90 through #500

**Packing Material**

Packing material is used to prevent the molten weld metal from leaking out of the mold. When the cable opening becomes worn from heavy use, the packing material may be used to prolong mold use. It is also used around 7 strand cable to prevent leaking. Packing material comes in a 1 lb. or 5 lb. package.

Description	Catalog Number
1 lb. package	B38412900
5 lb. package	B38412905



Blue highlighted items are industry standard and most frequently ordered.

Grounding BURNDYWeld® Exothermic

BURNDY®

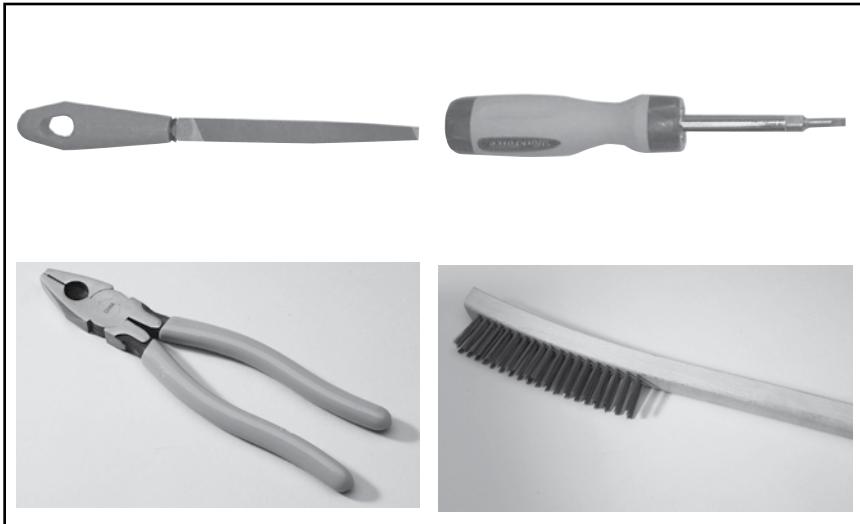
BURNDYWeld® ACCESSORIES

E-104



BURNDYWeld® Tool Kit

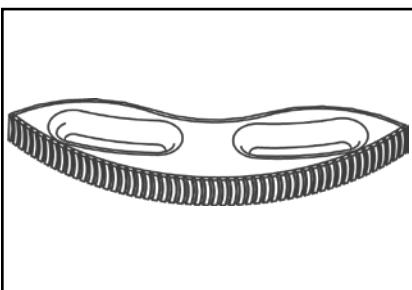
- B38-0302-00 Tool Kit with Tools
Shown except Rasp
- B38-0302-02 Tool Kit with Tools
Shown and Rasp
- B38-0303-00 Tool Box only



BURNDYWeld® Tools

The **B38-0309-00** Flint Ignitor is used to ignite the starting powder. Each mold that is sold with a frame has a Flint Ignitor included. For added safety a Flint Ignitor extension is available, catalog number **B38-0904-00**, that attaches to the B38-0309-00 Flint Ignitor. This allows installers to stay approximately 36" away from the mold. To order replacement flints, specify part number **B38-0309-01**.

- | | |
|-------------|---------------------|
| B38-0309-00 | Flint Ignitor |
| B38-0304-00 | 8" File |
| B38-0307-00 | Crimping Tool |
| B38-3922-00 | Mold Cleaning Brush |
| B38-0308-00 | 6" Screwdriver |
| B38-0305-00 | Wire Brush |
| B38-0101-00 | Rasp |
| B38-0306-00 | Card Cloth Brush |



B38-0101-00 Rasp

This tempered steel, curved rasp is recommended for removing rust and mill scale from steel and cast iron surfaces. The blade is replaceable. To order replacement rasp blade, specify catalog number **B38-0101-01**.

Not recommended for use on galvanized surfaces.



B38-0309-00 Flint Ignitor

The **B38-0309-00** Flint Ignitor is used to ignite the starting powder. Each mold that is sold with a frame has a Flint Ignitor included. For added safety a Flint Ignitor extension is available, catalog number **B38-0904-00**, that attaches to the **B38-0309-00** Flint Ignitor. This allows installers to stay approximately 36" away from the mold.

To order replacement flints, specify part number **B38-0309-01**.

Blue highlighted items are industry standard and most frequently ordered.

US: 1-800-346-4175

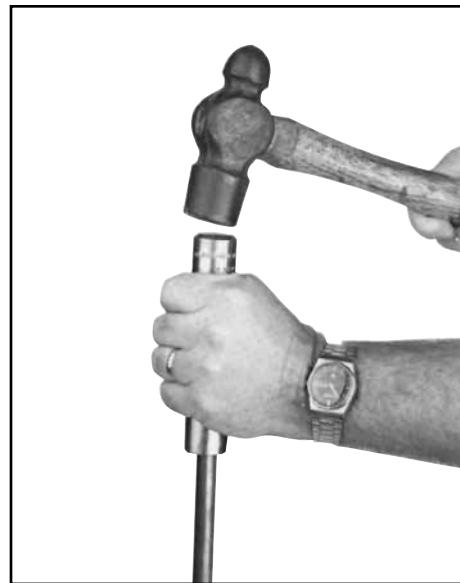
www.burndy.com

Canada: 1-800-387-6487

Ground Rod Driving Sleeves

Ground Rod Driving Sleeves are placed over the top of a ground rod while driving it into the ground. This prevents the top from mushrooming or flaring out. Ground rod driving sleeves are available in sizes to fit all standard unthreaded ground rods.

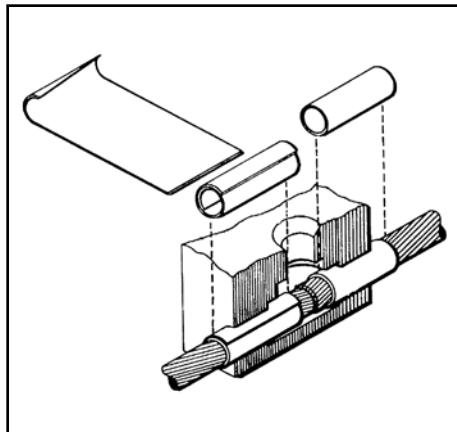
Catalog Number	For Use On
B38-3662-01	1/2" Copper Clad or Steel Ground Rod
B38-3662-02	5/8" Copper Clad Ground Rod
B38-3662-05	5/8" Steel Ground Rod
B38-3662-03	3/4" Copper Clad Ground Rod
B38-3662-06	3/4" Steel Ground Rod
B38-3662-04	1" Copper Clad Ground Rod



E-105

SHIM STOCK AND ADAPTER SLEEVES

BURNDYWeld® molds designed for larger cable sizes can be used on smaller diameter cables if copper adapter sleeves or shim stock are utilized. The copper shim stock, .0108" x 1-1/2" x 3", is normally wrapped around cable until the diameter is about equal to the cable opening. A tight fit is not necessary as the shim stock will unwrap slightly and prevent leakage of weld metal. To order shim stock use part number **B38-0329-00**. Shim stock comes 100 pieces per box.



For Use on Cable Size		Part Number	Use in Mold Size	Sleeve Dimensions		
Stranded	Solid			O.D. Size	I.D.	Length
#12, #14	#10, #12, #14	BA-200	#6 Str. & Sol.	0.15	0.11	1.00
#9, #10	#8, #9, #10	BA-208	#4 Sol.	0.20	0.14	1.00
#7, #8, #10	#6, #8	BA-201	#4	0.22	0.17	1.00
#6	#5	BA-202	#2	0.29	0.19	1.00
#4, #5	#3, #4	BA-207	#2	0.30	0.24	1.00
#4	#2	BA-204	#1	0.34	0.24	1.00
#2	#1	BA-203	1/0	0.37	0.30	1.00
#1	1/0	BA-209	2/0	0.42	0.35	1.00
1/0, #1	2/0	BA-205	3/0 & 4/0 Sol.	0.46	0.38	1.00
2/0, 1/0	3/0	BA-240	4/0	0.52	0.43	1.50
4/0	—	BA-211	300 kcmil	0.62	0.54	1.25
250 kcmil	—	BA-212	350 kcmil	0.67	0.59	1.25
350, 400 kcmil	—	BA-213	500 kcmil	0.81	0.76	1.50
250, 300, 350 kcmil	—	BA-214	500 kcmil	0.81	0.70	1.50
750, 800 kcmil	—	BA-215	1000 kcmil	1.15	1.05	1.50

Blue highlighted items are industry standard and most frequently ordered.