

## ACCESSORIES

### TOOL KIT

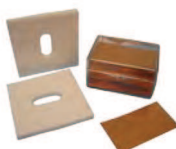
- 38-0302-00 ~ Tool Kit with Tools
- 38-0304-00 ~ 8" File
- 38-0307-00 ~ Crimping Tool
- 38-3922-00 ~ Mold Cleaning Brush
- 38-0308-00 ~ Screwdriver
- 38-0306-00 ~ Card Cloth Brush
- 38-0305-00 ~ Wire Brush
- 38-0302-02 ~ Tool Kit with Tools listed above plus
- 38-0101-00 ~ Rasp
- 38-4129-00 ~ 1 lb. Packing Material
- 38-0303-00 ~ Tool Box Only



### REBAR PACKING

Packing Material is either copper shim stock or ceramic fiber pad and can be used for **one** connection only.

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



### 38-0309-00 FLINT IGNITOR

The 38-0309-00 Flint Ignitor is used to ignite the starting powder. Each mold that is sold with a frame has a Flint Ignitor included. Replacement flints are available upon request. Part #38-0309-01.



### 38-0904-00 Flint IGNITOR EXTENSION

The 38-0904-00 Flint Ignitor Extension allows the installer to stand 36" from the mold. Flint Ignitor is included.



### 38-0101-00 RASP

This tempered steel, curved Rasp is recommended for removing rust and mill scale from steel and cast iron surfaces. The blade is replaceable. Specify part # 38-0101-01. Not recommended for use on galvanized surfaces.

### PACKING MATERIAL

Packing Material is used to prevent the molten weld metal from leaking out of the mold. When 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 a 5 lb package.

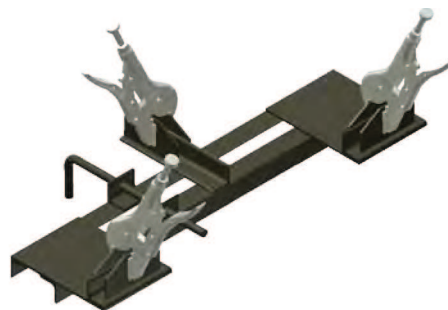


- Part #38-4129-00 for 1 lb package
- Part #38-4129-05 for 5 lb package

*Note: This packing material to be used on outside of mold only. If packing gets into weld cavity, gassy welds will result.*

## 38-0330-00 CABLE CLAMP

The thermOweld® 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.



## 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 come in sizes to fit all standard unthreaded ground rods.



Catalog #	Ground Rod Size
38-3662-01	1/2" Copper Clad or Steel Ground Rod
38-3662-02	5/8" Copper Clad Ground Rod
38-3662-05	5/8" Steel Ground Rod
38-3662-03	3/4" Copper Clad Ground Rod
38-3662-06	3/4" Steel Ground Rod
38-3662-04	1" Copper Clad Ground Rod
38-3662-07	1" Steel Ground Rod

## 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 is used to clean the graphite mold without damaging the mold.



38-0135-00



38-0306-00



38-3922-00

Cable Cleaning Brush.....	38-0135-00
Replacement Brush.....	38-0135-01
Card Cloth Brush.....	38-0306-00
Mold Cleaning Brush.....	38-3922-00



## MOLD CLEANERS

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

40-0319-01.....for cartridge sizes #15 thru #65

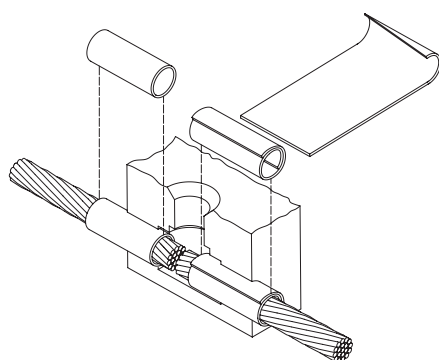
40-0319-03.....for cartridge sizes #90 thru #500

## ADAPTER SLEEVES

### SHIM STOCK AND ADAPTER SLEEVES

thermOweld® 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 # 38-0329-00. Shim stock comes 100 pieces per box.



For Use On Cable Size		Catalog #	Use In Mold Size	Sleeve Dimensions		
Stranded	Solid			O.D.	I.D.	Length
#12, #14	#10, #12, #14	38-0200-00	#6 STR & Sol	.156	.111	1.00
#9, #10	#8, #9, #10	38-0208-00	#4 Sol	.203	.140	1.00
2.5, 6 mm <sup>2</sup>	2.5 mm	38-4590-00	16 mm <sup>2</sup>	.203	.140	1.00
10 mm <sup>2</sup>	4 mm	38-4588-00	25 mm <sup>2</sup>	.250	.200	1.00
#7, #8, #10	#6, #8	38-0201-00	#4	.227	.177	1.00
#6	#5	38-0202-00	#2	.292	.198	1.00
#4, #5	#3, #4	38-0207-00	#2	.287	.246	1.00
16 mm <sup>2</sup>		38-4589-00	32 mm <sup>2</sup>	.303	.209	1.00
#4	#2	38-0204-00	#1	.328	.265	1.00
#2	#1	38-0203-00	1/0	.370	.307	1.00
#1	1/0	38-0209-00	2/0	.420	.359	1.00
1/0, #1	2/0	38-0205-00	3/0 & 4/0 Sol	.452	.389	1.00
2/0, 1/0	3/0	38-0240-00	4/0	.524	.437	1.50
		38-4590-00				

## WEAR PLATES

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The average life of a mold is 50 plus welds depending on the care and treatment it receives. The maximum wear on a mold takes place at the mold openings due to forcing the mold shut over "out-of-round" conductors, hitting and then chipping openings with ends of conductors, etc. To increase the mold life, "Wear Plates" can be factory installed around the mold openings. They can be supplied for all molds for cable sizes; 1/0 AWG through 500 MCM and Copper-Clad Steel cable 7/#10 through 19/#6. To order, simply add the suffix "-W" to the mold catalog number such as M-241-W.



Weld Type	No. Wear Plates Req'd	Weld Type	No. Wear Plates Req'd	Weld Type	No. Wear Plates Req'd	Weld Type	No. Wear Plates Req'd
AC-1	1	CS-1	1	CC-1	2	CR-1	1
AC-2	2	CS-2	2	CC-2	3	CR-2	2
ACR-1	1	CS-3	1	CC-6 <sup>†</sup>	3	CR-3	2
ACR-2	2	CS-4	1	CC-7 <sup>†</sup>	4	CRE-3	2
CB-1	1	CS-6	2	CC-11	4	CRE-4	2
CB-5	2	CB-33	1				

<sup>†</sup>Wear plates only available on 1/0 Str or 7/#10 and larger cable.