

# ULTRAWELD<sup>®</sup>

## Six Steps to The Ultimate Connection!



### Step 1:

- Clean and dry conductors and mold
- Insert conductors into mold



### Step 2:

- Close handle clamp and lock mold
- Insert disk into mold



### Step 3:

- Pour weld metal into mold



### Step 4:

- Sprinkle starting material over the weld metal and close lid
- Sprinkle remaining starting material in the ignition pocket on the top of the TOP-LIGHT lid



### Step 5:

- Ignite using the FLTIG flint igniter



### Step 6:

- After reaction is complete open the mold and remove the connection
- Remove slag from the mold before making the next connection



*A complete Ultraweld connection*

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## Advantages

### Ultraweld Provides Superior Molds

- Ultraweld molds are more durable than those of other manufacturers.
- Harger uses high durability graphite.
- Strong precision hinges are used in the construction of Ultraweld molds.

### Ultraweld "TOP-LIGHT" Mold Cover Improves Ignition Process

- The TOP-LIGHT mold cover makes the ignition process easier to perform while significantly reducing the reaction emissions.
- Use of TOP-LIGHT eliminates fouling of the flint igniter and substantially extends the life of the igniter.



### Ultraweld Innovative Two-Piece Mold Designs

- Two-Piece Mold Designs implemented for six different mold families (GS, XO, RE, RO, RP and RS).
- Designs use standard handle clamps which significantly improves usability and lowers cost.
- Compare these designs to the Three-Piece Molds offered by other manufacturers that are susceptible to mold breakage or locking onto ground rods.



### Patented Mold Handle Clamps with Modular Attachments

- Ultraweld Handle Clamps can be closed with one hand.
- Attachments include a **Magnetic Kit** for flat steel surfaces and three **Chain Kits** for Vertical and Horizontal round members.
- Ultraweld Attachments are significantly lower in cost than the bulky clamp assemblies offered by other manufacturers.



### Ultraweld "Hold Down Kit"

- Eliminates the use of dedicated hold down frames on molds thus reducing overall mold cost.
- Hold Down Kit attaches to standard handle clamps.

**Harger Does Not Penalize You for Expedited Same Day or Next Day Service!  
No Additional Charges for Non-Stocked or Specialty Designed Molds!**

Shoot Down Those  
Fly Away Prices!



Don't Get Run Over  
By Fast Track Charges

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