



HORIZONTAL STEEL SURFACE

- Cable to horizontal flat steel surface or cable to top of horizontal steel pipe.
- CADWELD also has a complete product line for cathodic protection connections. See Bulletin CA1A.
- Concentric stranded copper cable listed.
- **A test weld should be made to check the possibility of burn through on thin sections or thin wall pipe.**
- **Bold letter** in mold part number is the price key.

REQUIRED TOOLS

- Handle Clamps** **L160** for **C** Price Key Molds
L159 for **D** Price Key Molds
Handles are included with A Price Key Molds
- Flint Ignitor** **T320** (Included with handle clamp or frame but also available separately)

SUGGESTED TOOLS

- | | |
|----------------------|----------------|
| Cable Cleaning Brush | T313 or T314 |
| Slag Removal Spade | B136A or B136B |
| Mold Cleaning Brush | T394 |
| Rasp | T321 |
| Torch Head | T111 |

ACCESSORIES

See Section A

TYPE HC

CABLE SIZE	MOLD PART NO.	WELD METAL
6*	H C A-1H	45
4	H C A-1L	45
2 SOL	H C A-1T	45
2	H C A-1V	45
1	H C A-1Y	65

TYPE HT

CABLE SIZE	MOLD PART NO.	WELD METAL
1/0	H T C-2C	90
2/0	H T C-2G	115
3/0	H T C-2L	115
4/0	H T C-2Q	150
250	H T C-2V	150
300	H T C-3A	200
350	H T C-3D	250
500	H T D-3Q	2-150

Cable to Horizontal Steel Pipe (Types **HC** and **HT**) –
Use flat surface mold part number with suffix.

Cable	Nominal Pipe Size	Suffix
#1 and Smaller	12" and smaller	Nominal Pipe Size
	14" and larger	None
1/0 thru 250	28" and smaller	Nominal Pipe Size
	30" and larger	None

Example: #1 cable to 6" pipe, H**C**A-1Y-6

*Requires B112 sleeve (2 per weld)

