

HE

CABLE TO HORIZONTAL STEEL SURFACE

- HE makes a connection to steel with the conductor off the surface

GENERAL INFORMATION

- Molds shown are for concentric strand AWG conductors.
- Bare Class A, B, and C based on ASTM Standard Specifications
- Solid conductors are designated with a "S" suffix after the conductor
- Mold Price Key is the last letter in the Mold Catalog Number. i.e. A or B.
- For wear plates add the letter W to the end of the Mold Catalog Number

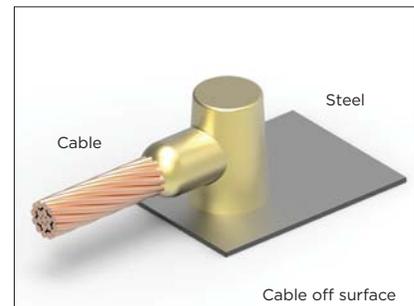
REQUIRED TOOLS

- Handle Clamps
 - HCLAMP-3 (A Price Key Molds)
 - HCLAMP-4 (B Price Key Molds)
- Flint Ignitor -FLINT IGNITOR

SUGGESTED TOOLS

- Cable Cleaning Brush -CC-BRUSH
- Slag Removal Spade - SLAG-SPADE
- Mold Cleaning Brush - MC-BRUSH
- Torch Head - EXO-TORCH

Cable Size	Mold Catalog Number	Weld Metal	Mold Price Key
#6 sol	HE6S-A	65	A
#6	HE6-A	65	A
#4	HE4-A	65	A
#2 sol	HE2S-A	65	A
#2	HE2-A	65	A
1/0	HE1/0-A	90	A
2/0	HE2/0-A	90	A
3/0	HE3/0-A	115	A
4/0	HE4/0-A	115	A
250 MCM	HE250-A	115	A
300 MCM	HE300-A	150	A
350 MCM	HE350-A	200	A
500 MCM	HE500-A	200	A
750 MCM	HE750-B	2 X 150	B
1000 MCM	HE1000-B	2 X 200	B



HE

Contact TE Connectivity for molds with other conductor sizes and configurations.

TE's AMP Weld exothermically welded connections meets the requirements of IEEE std. 837-2014.

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CABLE TO HORIZONTAL STEEL PIPE

- HE makes a connection to steel pipe with the conductor off the surface

GENERAL INFORMATION:

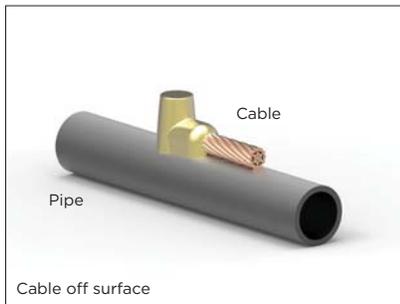
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REQUIRED TOOLS

- Handle Clamps
 - HCLAMP-3 (A Price Key Molds)
 - HCLAMP-4 (B Price Key Molds)
- Flint Ignitor -FLINT IGNITOR

SUGGESTED TOOLS

- Cable Cleaning Brush -CC-BRUSH
- Slag Removal Spade - SLAG-SPADE
- Mold Cleaning Brush - MC-BRUSH
- Torch Head - EXO-TORCH
- Chain Clamp
 - CHCLAMP-3H (A Price Key Molds)
 - CHCLAMP-4H (B Price Key Molds)



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Cable Size	Mold Catalog Number	Weld Metal	Mold Price Key
#6 sol	HE6S-PSA	65	A
#6	HE6-PSA	65	A
#4	HE4-PSA	65	A
#2 sol	HE2S-PSA	65	A
#2	HE2-PSA	65	A
1/0	HE1/0-PSA	90	A
2/0	HE2/0-PSA	90	A
3/0	HE3/0-PSA	115	A
4/0	HE4/0-PSA	115	A
250 MCM	HE250-PSA	115	A
300 MCM	HE300-PSA	150	A
350 MCM	HE350-PSA	200	A
500 MCM	HE500-PSA	200	A
750 MCM	HE750-PSB	2 X 150	B
1000 MCM	HE1000-PSB	2 X 200	B

PS - add pipe size to mold part number here

Cable to Steel Pipe (Types HE)

Use flat surface mold part number with Pipe Size Indicator PS

Cable	Nominal Pipe Size	Pipe Size Indicator
#1 and Smaller	12 inches and Smaller	Nominal Pipe Size
	14 inches and Larger	None
1/0 thru 250 MCM	28 inches and Smaller	Nominal Pipe Size
	30 inches and Larger	None

Example: 4/0 conductor to 6" Pipe (Off Surface) - HE4/0-6A
#2 Conductor to 4"Pipe (Off Surface) - HE2-4A

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