

VSU

CABLE TO VERTICAL STEEL SURFACE/ PIPE

- VSU makes a connection to steel with a vertical conductor terminating to vertical steel

GENERAL INFORMATION

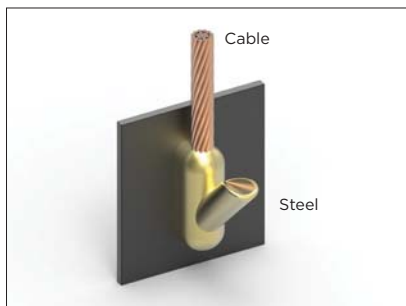
- Molds shown are for concentric strand AWG conductors.
- Bare Class A, B, and C based on ASTM Standard Specifications
- Solid conductors are designated with a "S" suffix after the conductor
- Mold Price Key is the last letter in the Mold Catalog Number. i.e. A or B.
- For wear plates add the letter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

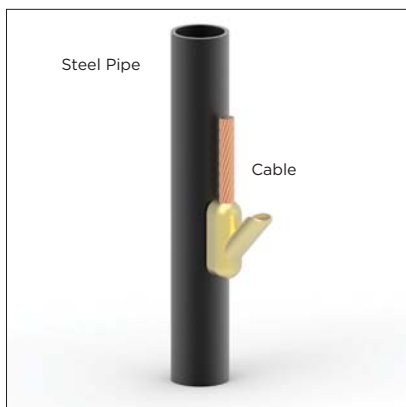
- Cable Cleaning Brush -CC-BRUSH
- Slag Removal Spade - SLAG-SPADE
- Mold Cleaning Brush - MC-BRUSH
- Torch Head - EXO-TORCH
- Chain Clamp
 - CHCLAMP-3 (A Price Key Molds)
 - CHCLAMP-4 (B Price Key Molds)
- Magnetic Clamp
 - MHCLAMP-3 (A Price Key Molds)
 - MHCLAMP-4 (B Price Key Molds)
- C-Clamp
 -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



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Cable Size	Flat Surface Mold Catalog Number	Vertical Pipe Mold Catalog Number	Weld Metal	Mold Price Key
#6 sol	VSU6S-A	VSU6S-V PSA	65	A
#6	VSU6-A	VSU6-V PSA	65	A
#4	VSU4-A	VSU4-V PSA	65	A
#2 sol	VSU2S-A	VSU2S-V PSA	65	A
#2	VSU2-A	VSU2-V PSA	65	A
1/0	VSU1/0-A	VSU1/0-V PSA	150	A
2/0	VSU2/0-A	VSU2/0-V PSA	150	A
3/0	VSU3/0-A	VSU3/0-V PSA	200	A
4/0	VSU4/0-A	VSU4/0-V PSA	200	A
250 MCM	VSU250-A	VSU250-V PSA	200	A
300 MCM	VSU300-A	N/A	250	A
350 MCM	VSU350-B	N/A	2 X 150	B
500 MCM	VSU500-B	N/A	2 X 200	B
750 MCM	VSU750-B	N/A	2 X 250	B

PS - add pipe size to mold part number here



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Cable to Steel Pipe (Types VSU)

Use flat surface mold part number with Pipe Size Indicator PS

Cable	Nominal Pipe Size	Pipe Size Indicator
#6 thru 250 MCM	28 inches and Smaller	Nominal Pipe Size
	30 inches and Larger	None

Example: 1/0 conductor to 12" Pipe - VSU1/0-V**12A**

4/0 Conductor to 32" Pipe - VSU4/0-A

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.