

**CABLE TO VERTICAL STEEL SURFACE/
PIPE**

- VAD makes a connection to steel with the conductor down at a 45° angle 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-3V (A Price Key Molds)
 - CHCLAMP-4V (B Price Key Molds)
- Magnetic Clamp
 - MHCLAMP-3 (A Price Key Molds)
 - MHCLAMP-4 (B Price Key Molds)
- C-Clamp
 - CCLAMP-3 (A Price Key Molds)
 - CCLAMP-4 (B Price Key Molds)

Cable Size	Flat Surface Mold Catalog Number	Vertical Pipe Mold Catalog Number	Weld Metal	Mold Price Key
#6 sol	VAD6S-A	VAD6S-V PSA	45	A
#6	VAD6-A	VAD6-V PSA	45	A
#4	VAD4-A	VAD4-V PSA	45	A
#2 sol	VAD2S-A	VAD2S-V PSA	45	A
#2	VAD2-A	VAD2-V PSA	45	A
1/0	VAD1/0-A	VAD1/0-V PSA	90	A
2/0	VAD2/0-A	VAD2/0-V PSA	90	A
3/0	VAD3/0-A	VAD3/0-V PSA	115	A
4/0	VAD4/0-A	VAD4/0-V PSA	115	A
250 MCM	VAD250-A	VAD250-V PSA	115	A
300 MCM	VAD300-A	VAD300-V PSA	150	A
350 MCM	VAD350-A	VAD350-V PSA	200	A
500 MCM	VAD500-A	VAD500-V PSA	200	A
750 MCM	VAD750-B	VAD750-V PSB	2 X 150	B
1000 MCM	VAD1000-B	VAD1000-V PSB	2 X 200	B

PS - add pipe size to mold part number here

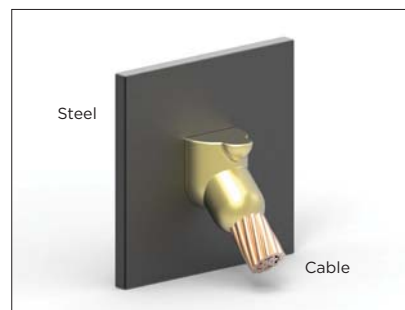
Cable to Steel Pipe (Types VAD)

Use flat surface mold part number with Pipe Size Indicator PS

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

Example: 2/0 conductor to 8" Pipe - VAD2/0-V**8A**
4/0 conductor to 32" Pipe - VAD4/0-A

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



VAD



VAD

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

VAD



VAD

VAD FOR PIPE (RANGE TAKING MOLDS)

Cable Size	Nominal Pipe Range (in)	Vertical Pipe Mold Catalog Number	Weld Metal	Mold Price Key
#6 sol	1 1/2 to 4	VAD6S-V1.5X4A	45	A
	4 to 6	VAD6S-V4X6A	45	A
	6 to 10	VAD6S-V6X10A	45	A
	12 to 30	VAD6S-V12X30A	45	A
	32 and Larger	VAD6S-A	45	A
#6	1 1/2 to 4	VAD6-V1.5X4A	45	A
	4 to 6	VAD6-V4X6A	45	A
	6 to 10	VAD6-V6X10A	45	A
	12 to 30	VAD6-V12X30A	45	A
	32 and Larger	VAD6-A	45	A
#4	1 1/2 to 4	VAD4-V1.5X4A	45	A
	4 to 6	VAD4-V4X6A	45	A
	6 to 10	VAD4-V6X10A	45	A
	12 to 30	VAD4-V12X30A	45	A
	32 and Larger	VAD4-A	45	A
#2 Sol	1 1/2 to 4	VAD2S-V1.5X4A	45	A
	4 to 6	VAD2S-V4X6A	45	A
	6 to 10	VAD2S-V6X10A	45	A
	12 to 30	VAD2S-V12X30A	45	A
	32 and Larger	VAD2S-A	45	A
#2	1 1/2 to 4	VAD2-V1.5X4A	45	A
	4 to 6	VAD2-V4X6A	45	A
	6 to 10	VAD2-V6X10A	45	A
	12 to 30	VAD2-V12X30A	45	A
	32 and Larger	VAD2-A	45	A
1/0	1 1/2 to 4	VAD1/0-V1.5X4A	90	A
	4 to 6	VAD1/0-V4X6A	90	A
	6 to 10	VAD1/0-V6X10A	90	A
	12 to 30	VAD1/0-V12X30A	90	A
	32 and Larger	VAD1/0-A	90	A
2/0	1 1/2 to 4	VAD2/0-V1.5X4A	90	A
	4 to 6	VAD2/0-V4X6A	90	A
	6 to 10	VAD2/0-V6X10A	90	A
	12 to 30	VAD2/0-V12X30A	90	A
	32 and Larger	VAD2/0-A	90	A
3/0	1 1/2 to 4	VAD3/0-V1.5X4A	115	A
	4 to 6	VAD3/0-V4X6A	115	A
	6 to 10	VAD3/0-V6X10A	115	A
	12 to 30	VAD3/0-V12X30A	115	A
	32 and Larger	VAD3/0-A	115	A
4/0	1 1/2 to 4	VAD4/0-V1.5X4A	115	A
	4 to 6	VAD4/0-V4X6A	115	A
	6 to 10	VAD4/0-V6X10A	115	A
	12 to 30	VAD4/0-V12X30A	115	A
	32 and Larger	VAD4/0-A	115	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.