

Cable to Steel Surface / Pipe

Mold Information:

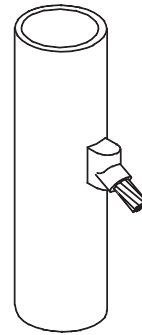
- Molds listed are for stranded cable. For solid conductor, add suffix "S" after conductor number. i.e. 4S = 4 AWG solid conductor.
- Price Key is the **Bold Letter** in the Mold Part No.
- For mold Wear Plates, add suffix "WP" to the end of the Mold Part No. See page 315 for details.

Required Tools & Accessories:

- CSH1 - Chain Support Handle clamp for "B" Price Key Molds **OR**
- MH1 - Mold Handle for "B" Price Key Molds **AND**
- CSKIT - Chain Support Kit

Recommended Tools & Accessories:

- CCBRSH1 - Cable Cleaning Brush
- MCBRSH1 - Mold Cleaning Brush



VA

(Cable Down at 45° to Side of Vertical or Horizontal Steel Pipe)

US Listed 467

VA (Pipe) Connection Type (Range Taking)

Cable Size	Nominal Pipe Size	Mold Part No.	Weld Metal		Cable Size	Nominal Pipe Size	Mold Part No.	Weld Metal	
			UltraShot	NUWTUBE				UltraShot	NUWTUBE
#6	1-1/4" to 4" Pipe	VA-6V1.25X4B	US45	NUWTUBE45	1/0	2" to 4" Pipe	VA-1/0V2X4B	US90	NUWTUBE90
	4" to 6" Pipe	VA-6V4X6B	US45	NUWTUBE45		4" to 6" Pipe	VA-1/0V4X6B	US90	NUWTUBE90
	6" to 10" Pipe	VA-6V6X10B	US45	NUWTUBE45		6" to 10" Pipe	VA-1/0V6X10B	US90	NUWTUBE90
	12" to 30" Pipe	VA-6V12X30B	US45	NUWTUBE45		12" to 30" Pipe	VA-1/0V12X30B	US90	NUWTUBE90
	32" Pipe or Larger	VA-6B	US45	NUWTUBE45	32" Pipe or Larger	VA-1/0B	US90	NUWTUBE90	
#4	1-1/2" to 4" Pipe	VA-4V1.5X4B	US45	NUWTUBE45	2/0	2" to 4" Pipe	VA-2/0V2X4B	US90	NUWTUBE90
	4" to 6" Pipe	VA-4V4X6B	US45	NUWTUBE45		4" to 6" Pipe	VA-2/0V4X6B	US90	NUWTUBE90
	6" to 10" Pipe	VA-4V6X10B	US45	NUWTUBE45		6" to 10" Pipe	VA-2/0V6X10B	US90	NUWTUBE90
	12" to 30" Pipe	VA-4V12X30B	US45	NUWTUBE45		12" to 30" Pipe	VA-2/0V12X30B	US90	NUWTUBE90
	32" Pipe or Larger	VA-4B	US45	NUWTUBE45	32" Pipe or Larger	VA-2/0B	US90	NUWTUBE90	
#2 Sol	1/2" to 1" Pipe	VA-2SV.5X1B	US45	NUWTUBE45	3/0	2" to 4" Pipe	VA-3/0V2X4B	US115	NUWTUBE115
	1-1/2" to 4" Pipe	VA-2SV1.5X4B	US45	NUWTUBE45		4" to 6" Pipe	VA-3/0V4X6B	US115	NUWTUBE115
	4" to 6" Pipe	VA-2SV4X6B	US45	NUWTUBE45		6" to 10" Pipe	VA-3/0V6X10B	US115	NUWTUBE115
	6" to 10" Pipe	VA-2SV6X10B	US45	NUWTUBE45		12" to 30" Pipe	VA-3/0V12X30B	US115	NUWTUBE115
	12" to 30" Pipe	VA-2SV12X30B	US45	NUWTUBE45	32" Pipe or Larger	VA-3/0B	US115	NUWTUBE115	
	32" Pipe or Larger	VA-2SB	US45	NUWTUBE45					
#2	1-1/2" to 4" Pipe	VA-2V1.5X4B	US45	NUWTUBE45	4/0	2" to 4" Pipe	VA-4/0V2X4B	US115	NUWTUBE115
	4" to 6" Pipe	VA-2V4X6B	US45	NUWTUBE45		4" to 6" Pipe	VA-4/0V4X6B	US115	NUWTUBE115
	6" to 10" Pipe	VA-2V6X10B	US45	NUWTUBE45		6" to 10" Pipe	VA-4/0V6X10B	US115	NUWTUBE115
	12" to 30" Pipe	VA-2V12X30B	US45	NUWTUBE45		12" to 30" Pipe	VA-4/0V12X30B	US115	NUWTUBE115
	32" Pipe or Larger	VA-2B	US45	NUWTUBE45	32" Pipe or Larger	VA-4/0B	US115	NUWTUBE115	

VA (Pipe) Connection Type

Cable Size	Mold Part No.	Weld Metal	
		UltraShot	NUWTUBE
#6	VA-6**B	US45	NUWTUBE45
#4	VA-4**B	US45	NUWTUBE45
#2 Sol	VA-2S**B	US45	NUWTUBE45
#2	VA-2**B	US45	NUWTUBE45
1/0	VA-1/0**B	US90	NUWTUBE90
2/0	VA-2/0**B	US90	NUWTUBE90
3/0	VA-3/0**B	US115	NUWTUBE115
4/0	VA-4/0**B	US115	NUWTUBE115

CABLE TO VERTICAL STEEL PIPE		
Use Mold Part No.; add "V" with Pipe Size (**) Indicator		
Cable	Nominal Pipe Size	Pipe Size Indicator
#4 thru 250	30" and Smaller	Nominal Pipe Size°
	32" and Larger	None
Example: #2 cable to 2-1/2" pipe = VA-2V2.5B		
CABLE TO HORIZONTAL STEEL PIPE		
Use Mold Part No.; add "H" and Pipe Size (**) Indicator		
Example: #2/0 cable to 6" pipe = VA-2/0H6B		

**Add Horizontal or Vertical Pipe Orientation and Pipe Size Indicator. See chart to the right.

° See page 325 for pipe sizes.

NOTE:

Thin walled pipe may be unsuitable for exothermic connections. If experiencing burn through issues with the pipe (typically with 2/0 or 4/0 conductors), adding sand inside the fence post well past the exothermic connection may solve this problem. Another solution would be to use a smaller conductor such as a #2 AWG jumper which uses a smaller size weld metal. The last solution may be to use mechanical fence clamp assembly such as the ones found in Section 1 on page 137.