

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.

Required Tools & Accessories:

CSH1 - Chain Support Handle clamp for "B" Price Key Molds

OR

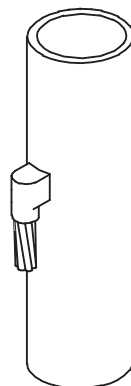
MH1 - Mold Handle for "B" Price Key Molds **AND**

CSKIT - Chain Support Kit

Recommended Tools & Accessories:

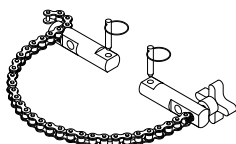
CCBRSH1 - Cable Cleaning Brush

MCBRSH1 - Mold Cleaning Brush

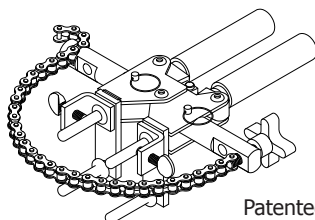


VD

(Vertical Downward Cable to Side of Vertical or Horizontal Steel Pipe)



CSKIT



Patented
CSH1

VD (PIPE)

Connection Type (Range Taking)

Mold Part No.	Cable Size	Nominal Pipe Size	Weld Metal	
			UltraShot	NUWTUBE
VD-2SV1.25X4B	#2 Sol	1-1/4" to 4" Pipe	US65	NUWTUBE65
VD-2V1.25X4B	#2	1-1/4" to 4" Pipe	US65	NUWTUBE65
VD-1/0V1.25X4B	1/0	1-1/4" to 4" Pipe	US115	NUWTUBE115
VD-2/0V1.25X4B	2/0	1-1/4" to 4" Pipe	US115	NUWTUBE115
VD-4/0V1.25X4B	4/0	1-1/4" to 4" Pipe	US150	NUWTUBE150

VD (Pipe) Connection Type

Cable Size	Mold Part No.	Weld Metal	
		UltraShot	NUWTUBE
#6	VD-6**B	US45	NUWTUBE45
#4	VD-4**B	US65	NUWTUBE65
#2 Sol	VD-2S**B	US65	NUWTUBE65
#2	VD-2**B	US65	NUWTUBE65
1/0	VD-1/0**B	US115	NUWTUBE115
2/0	VD-2/0**B	US115	NUWTUBE115
3/0	VD-3/0**B	US150	NUWTUBE150
4/0	VD-4/0**B	US150	NUWTUBE150
250 MCM	VD-25CM**B	US200	NUWTUBE200

**Add Horizontal or Vertical Pipe Orientation and Pipe Size Indicator. See chart below.

VD (FENCE POST)

Connection Type (Range Taking)

Mold Part No.	Cable Size	Nominal Round Fence Post Size	Weld Metal	
			UltraShot	NUWTUBE
VD-2SV1.25X4B	#2 Sol	1-1/4" to 4" Post	US65	NUWTUBE65
VD-2V1.25X4B	#2	1-1/4" to 4" Post	US65	NUWTUBE65
VDRFP-1/0B	1/0	1-1/4" to 4" Post	US90	NUWTUBE90
VDRFP-2/0B	2/0	1-1/4" to 4" Post	US90	NUWTUBE90
VDRFP-4/0B	4/0	1-1/4" to 4" Post	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 32" and Larger	Nominal Pipe Size ^o None
Example: #2 cable to 2-1/2" pipe = VD-2V2.5B		
CABLE TO HORIZONTAL STEEL PIPE		
Use Mold Part No.; add "H" and Pipe Size (**) Indicator		
Example: #2/0 cable to 6" pipe = VD-2/0H6B		

◇ 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.