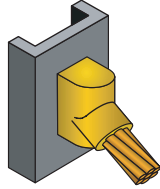


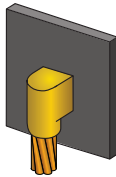
Cable to Steel Surface

Pro tip: Make sure that the steel surface is cleaned according the Cadweld mold instructions and use tools that do not leave residue on the surface.



VS – CABLE TO VERTICAL STEEL

Surface	Cable Size	Mold	Welding Material (Qty) P/N	Cadweld Plus Welding Material P/N
Flat Surface	6	VSC1H	45	45PLUSF20
	4	VSC1L	45	45PLUSF20
	2 SOL	VSC1T	45	45PLUSF20
	2	VSC1V	45	45PLUSF20
	1/0	VSC2C	90	90PLUSF20
	2/0	VSC2G	90	90PLUSF20
	3/0	VSC2L	115	115PLUSF20
	4/0	VSC2Q	115	115PLUSF20
	500	VSC3Q	200	200PLUSF20
1-1/4" to 4" Pipe	2 SOL	VSC1VV3C	45	45PLUSF20
1-1/2" to 4" Pipe	4	VSC1LV3C	45	45PLUSF20
2" to 4"	2	VSC1TV3C	45	45PLUSF20
Pipe	2/0	VSC2GV3C	90	90PLUSF20
4" to 6"	4/0	VSC2QV3C	115	115PLUSF20
Pipe	2 SOL	VSC1TV5C	45	45PLUSF20
	4/0	VSC2QV5C	115	115PLUSF20



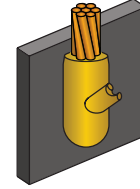
VB – CABLE TO VERTICAL STEEL

Surface	Cable Size	Mold	Welding Material (Qty) P/N	Cadweld Plus Welding Material P/N
Flat Surface	4	VBC1L	65	65PLUSF20
	2 SOL	VBC1T	65	65PLUSF20
	2	VBC1V	65	65PLUSF20
	1/0	VBC2C	115	115PLUSF20
	2/0	VBC2G	115	115PLUSF20
	3/0	VBC2L	150	150PLUSF20
	4/0 SOL	VBC2P	150	150PLUSF20
	4/0	VBC2Q	150	150PLUSF20
	500	VBC3Q	(2) 150	300PLUSF20
1-1/4" to 3-1/2" Pipe	4/0	VBC2QV3C	150	150PLUSF20
	2 SOL	VBC1TV3C	65	65PLUSF20
	4 SOL	VBC1KV3C	65	65PLUSF20
	2	VBC1VV3C	65	65PLUSF20

Handle Clamp / Frame (See Page 10)

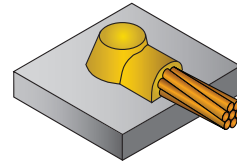
Price Key	Notes
A	INCLUDES FRAME WITH HANDLE
C	REQUIRES L160 HANDLE CLAMP
R	REQUIRES L160 HANDLE CLAMP

Pro tip: B396 magnetic handle clamp can be used for flat vertical steel, and B160V can be used for vertical steel pipes up to 4".



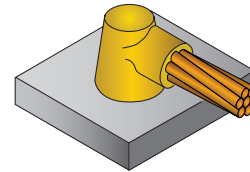
VF – CABLE TO VERTICAL STEEL

Surface	Cable Size	Mold	Welding Material (Qty) P/N	Cadweld Plus Welding Material P/N
Flat Surface	4	VFC1L	65	65PLUSF20
	2 SOL	VFC1T	65	65PLUSF20
	2	VFC1V	65	65PLUSF20
	2/0	VFC2G	150	150PLUSF20
	3/0	VFR2L	200	200PLUSF20
	4/0	VFR2Q	200	200PLUSF20
2" to 4" Pipe	2 SOL	VFC1TV3C	65	65PLUSF20



HA – CABLE TO HORIZONTAL STEEL

Cable Size	Mold	Welding Material (Qty) P/N	Cadweld Plus Welding Material P/N
6 SOL	HAA1G	45	45PLUSF20
6	HAA1H	45	45PLUSF20
4	HAA1L	45	45PLUSF20
2 SOL	HAA1T	45	45PLUSF20
2	HAA1V	45	45PLUSF20



HS – CABLE TO HORIZONTAL STEEL

Cable Size	Mold	Welding Material (Qty) P/N	Cadweld Plus Welding Material P/N
1/0	HSC2C	90	90PLUSF20
2/0	HSC2G	90	90PLUSF20
3/0	HSC2L	115	115PLUSF20
4/0	HSC2Q	115	115PLUSF20
250	HSC2V	115	115PLUSF20
350	HSC3D	200	200PLUSF20
500	HSC3Q	200	200PLUSF20

nVent ERICO Cadweld Molds

A graphite mold is used for making most nVent connections. nVent molds will generally last an average of 50 or more connections under normal usage.

Price Key and Handle Clamp and/or Frames

Handle clamps are required for most molds. Specialized frames with handles are used on some molds. The following handle clamps are most widely used.

L160 for all molds having a "C", "E", "R" and "Q" mold price key (3" wide molds)

L159 for all molds having a "D", "F", "J" and "Z" mold price key (4" wide molds)

Handle Clamps with an "XL" prefix are for use with the Cadweld Exolon system and do not come with a flint igniter.

Mini E-Z Change Clamps for use with mini-welders.

Pictured Below are the Molds and / or Frames and Handles for the Various Price Key Molds:

PRICE KEY MOLDS: A, C, D, F, R, Q, Z, E, J



"A" Price Key Mold
Includes Hold Down Frame



"C", "D", "F", "R", "Q" and "Z" Price Key
Mold L160 or L159
Handle Clamp Required (sold separately)

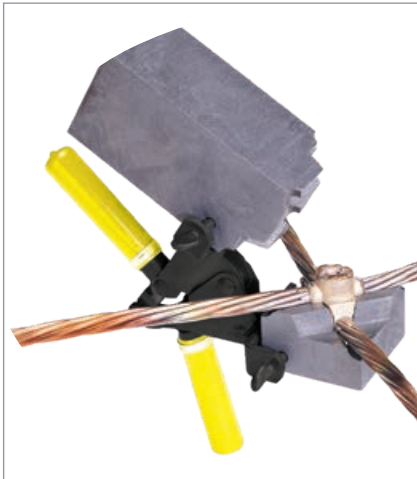


"E" and "J" Price Key Mold
L160 or L159 Handle Clamp Required
(sold separately)

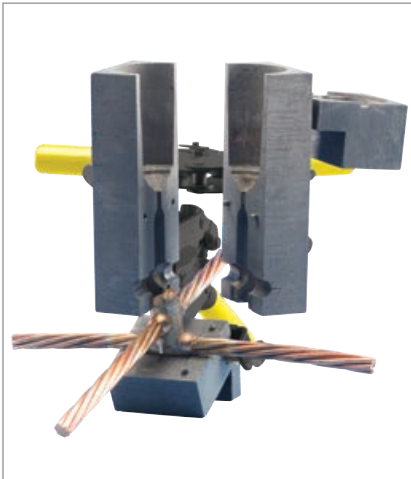
Note: Frame is required in order to make connections with "E" and "J" Price Key Molds.

PRICE KEY MOLDS: Q, Z, 3, 4, M, V

Pro tip: Pro tip: XBQ and XBZ, as well as the XB3 and XB4 molds simplify making cable "X" connections. These are preferred molds as compared to the older XBM and XBV versions.



"Q" and "Z" Price Key Mold
L160 or L159 Handle Clamp Required
(sold separately)



"3" and "4" Price Key Mold
Mold L163 or L164
Handle Clamp Required (sold separately)



"M" and "V" Price Key Mold
Includes Frame with Handles

Note: Frame is required in order to make connections with "M" and "V" Price Key Molds.

nVent ERICO Cadweld Molds

PRICE KEY MOLDS: H, G, K, L, T, P, N



"H" Price Key Mold
Includes Hold Down Frame with Handles

Note: Frame is required in order to make connections with "H" Price Key Molds.



"G", "K", and "L" Price Key Mold Includes
Frame with Handles

Note: Frame is required in order to make connections with "G", "K" and "L" Price Key Molds.



"T", "P" and "N" Price Key Mold
Includes Mini-EZ Handle Clamp
To order mold only, add an "M" suffix to the part number (for example, SST1TM)

MOLD OPTIONS



SPLIT CRUCIBLE MOLDS

Molds made with a horizontal opening and solid crucible section may be specified as a split crucible type. The advantage of the split crucible mold is easier cleaning.

To order a mold with a split crucible, add an "L" suffix to the mold part number (for example, TAC2G2GL).



WEAR PLATES

Wear Plates reduce mechanical abrasion of molds at cable entry points and help prevent leakage of molten metal (particularly on larger 7 strand conductor). These features prolong mold life.

To order a mold with wear plates, add a "W" suffix to the mold part number (for example, PTC2G2GW).



HEAVY DUTY MOLDS

Heavy Duty (HD) molds are available for making connections to existing ground conductors that may be corroded. HD molds require larger weld metal sizes than traditional molds.

To order a heavy duty mold, add a HD prefix to the mold part number (for example, HDTAC2Q2Q).