

XBQ/XBZ MOLDS

The CADWELD XB molds are the quickest, most efficient way to make lapped, horizontal x-style connections on solid or concentric stranded cable for a variety of installations.

For cable-to-cable X-style connections at power substations and other commercial and industrial sites, there's never been a faster or easier way to make a reliable CADWELD connection. This two-piece mold lets you make connections in a trench in about half the time it would take with compression connectors or other exothermic products — and at a fraction of the cost.

- Ergonomic two-piece molds use standard L160 and L159 handle clamps...the same clamps you use with other CADWELD molds.
- Saves labor costs. X-style connection can be made by one person in about 1 minute. That's 40 to 70% faster than other methods.
- Costs less. Saves you 1/3 over other models, thanks to innovative design techniques and advanced manufacturing technology.
- Simple to use. Operates just like an XA-style mold, but there's no need to cut the cable!
- Easy cable alignment.
- Also available in "smokeless" EXOLON.

NOTES

- Molds not available with wear plates.
- Special cleaning tool supplied with each mold.
- All Q price molds require L160 handle clamp.
- All Z price molds require L159 handle clamp.

COPPER

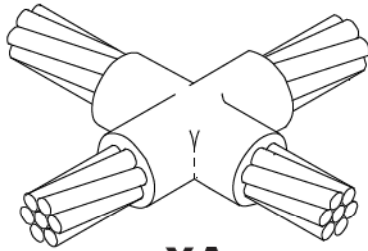
Cable Size*		Mold Part Number	Weld Metal
Run	Tap		
1/0 SOL	1/0 SOL	XBQ2B2B	150
1/0 Conc.	1/0 Conc.	XBQ2C2C	150
2/0 SOL	2/0 SOL	XBQ2F2F	200
2/0 Conc.	2/0 Conc.	XBQ2G2G	200
3/0 SOL	3/0 SOL	XBQ2K2K	250
3/0 Conc.	3/0 Conc.	XBQ2L2L	250
4/0 SOL	4/0 SOL	XBQ2P2P	250
4/0 Conc.	4/0 Conc.	XBQ2Q2Q	250
250 SOL	250 SOL	XBQ2T2T	2-150
250 Conc.	250 Conc.	XBQ2V2V	2-150
300 Conc.	300 Conc.	XBZ3A3A	2-200
350 Conc.	350 Conc.	XBZ3D3D	500
400 Conc.	400 Conc.	XBZ3H3H	3-200
500 Conc.	500 Conc.	XBZ3Q3Q	3-250

* Consult ERICO for molds to fit other cable sizes or run/tap combinations.

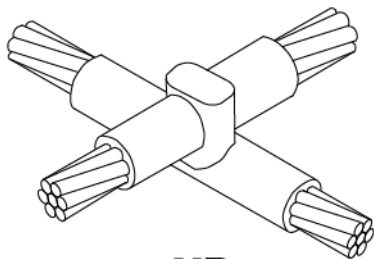
COPPERWELD®

Cable Size*		Mold Part Number	Weld Metal
Run	Tap		
7/#7	7/#7	XBQ9C9C	200
7/#5	7/#5	XBQ9E9E	250
19/#9	19/#9	XBQ9F9F	2-150
19/#8	19/#8	XBZ9G9G	2-200
19/#7	19/#7	XBZ9H9H	500
19/#6	19/#6	XBZ9J9J	3-250

* Consult ERICO for molds to fit other cable sizes or run/tap combinations.



XA



XB

HORIZONTAL X CONNECTIONS

- XA – Cross of horizontal cables, tap cable cut – cables in same plane.
- XB – Cross of horizontal cables, lapped and not cut.
- Concentric stranded copper cable unless otherwise noted.
- Solid conductor may be either copper or Copperweld®.
- **Bold letter** in mold part number is the price key.

REQUIRED TOOLS

Handle Clamps **L160** for **C** and **Q** Price Key Molds
L159 for **D** and **Z** Price Key Molds

Clamps are included with M, P, and V Price Key Molds

Flint Ignitor **T320** (Included with Handle Clamp or frame but also available separately)

SUGGESTED TOOLS

Cable Cleaning Brush	T313 or T314
Slag Removal Spade	B136A, B136B, or B136C
Mold Cleaning Brush	T394
Cable Clamp	B265
Torch Head	T111

ACCESSORIES

See Section A

CABLE SIZE		TYPE XA		TYPE XB	
Run	Tap	MOLD PART NO.	WELD METAL	MOLD PART NO.	WELD METAL
6 SOL 6	6 SOL 6	USE XB	–	XBP-1G1G	32
		USE XB	–	XBP-1H1H	45
4	4	XAC-1L1L	45	XBC-1L1L	65
2	2	XAC-1V1V	65	XBC-1V1V	90
	4	XAC-1V1L	65	XBC-1V1L	65
2 SOL	2 SOL	XAC-1T1T	65	XBC-1T1T	90
1	1	XAC-1Y1Y	65	XBC-1Y1Y	115
	2	XAC-1Y1V	65	XBC-1Y1V	90
	4	XAC-1Y1L	65	XBC-1Y1L	90
1/0	1/0	XAC-2C2C	90	XBM-2C2C	150
	1	XAC-2C1Y	90	XBM-2C1Y	150
	2	XAC-2C1V	90	XBM-2C1V	115
	4	XAC-2C1L	90	XBM-2C1L	115
2/0	2/0	XAC-2G2G	115	XBM-2G2G	200
	1/0	XAC-2G2C	115	XBM-2G2C	200
	1	XAC-2G1Y	115	XBM-2G1Y	150
	2	XAC-2G1V	115	XBM-2G1V	150



CABLE SIZE		TYPE XA		TYPE XB	
Run	Tap	MOLD PART NO.	WELD METAL	MOLD PART NO.	WELD METAL
3/0	3/0	XAC-2L2L	150	XBM-2L2L	250
	2/0	XAC-2L2G	150	XBM-2L2G	200
	1/0	XAC-2L2C	115	XBM-2L2C	200
	1	XAC-2L1Y	115	XBM-2L1Y	150
	2	XAC-2L1V	115	XBM-2L1V	150
4/0	4/0	XAC-2Q2Q	200	XBM-2Q2Q	250
	3/0	XAC-2Q2L	200	XBM-2Q2L	250
	2/0	XAC-2Q2G	150	XBM-2Q2G	200
	1/0	XAC-2Q2C	150	XBM-2Q2C	200
	1	XAC-2Q1Y	115	XBM-2Q1Y	150
	2	XAC-2Q1V	115	XBM-2Q1V	150
250	250	XAC-2V2V	200	XBM-2V2V	2-150
	4/0	XAC-2V2Q	200	XBM-2V2Q	2-150
	3/0	XAC-2V2L	200	XBM-2V2L	2-150
	2/0	XAC-2V2G	150	XBM-2V2G	250
	1/0	XAC-2V2C	150	XBM-2V2C	250
	1	XAC-2V1Y	115	XBM-2V1Y	200
	2	XAC-2V1V	115	XBM-2V1V	150
	300	300	XAC-3A3A	250	XBV-3A3A
250		XAC-3A2V	250	XBV-3A2V	2-200
4/0		XAC-3A2Q	200	XBM-3A2Q	2-150
3/0		XAC-3A2L	200	XBM-3A2L	2-150
2/0		XAC-3A2G	150	XBM-3A2G	250
1/0		XAC-3A2C	150	XBM-3A2C	250
1		XAC-3A1Y	115	XBM-3A1Y	200
2		XAC-3A1V	115	XBM-3A1V	150
350		350	XAC-3D3D	250	XBV-3D3D
	300	XAC-3D3A	250	XBV-3D3A	500
	250	XAC-3D2V	250	XBV-3D2V	500
	4/0	XAC-3D2Q	200	XBV-3D2Q	2-200
	3/0	XAC-3D2L	200	XBV-3D2L	2-200
	2/0	XAC-3D2G	200	XBM-3D2G	2-150
	1/0	XAC-3D2C	200	XBM-3D2C	250
	1	XAC-3D1Y	150	XBM-3D1Y	200
	2	XAC-3D1V	150	XBM-3D1V	200
	500	500	XAD-3Q3Q	500	XBV-3Q3Q
350		XAD-3Q3D	2-200	XBV-3Q3D	3-200
300		XAD-3Q3A	2-200	XBV-3Q3A	3-200
250		XAD-3Q2V	2-150	XBV-3Q2V	500
4/0		XAD-3Q2Q	2-150	XBV-3Q2Q	500
3/0		XAD-3Q2L	2-150	XBV-3Q2L	500
2/0		XAC-3Q2G	250	XBV-3Q2G	2-200
1/0		XAC-3Q2C	250	XBM-3Q2C	2-150