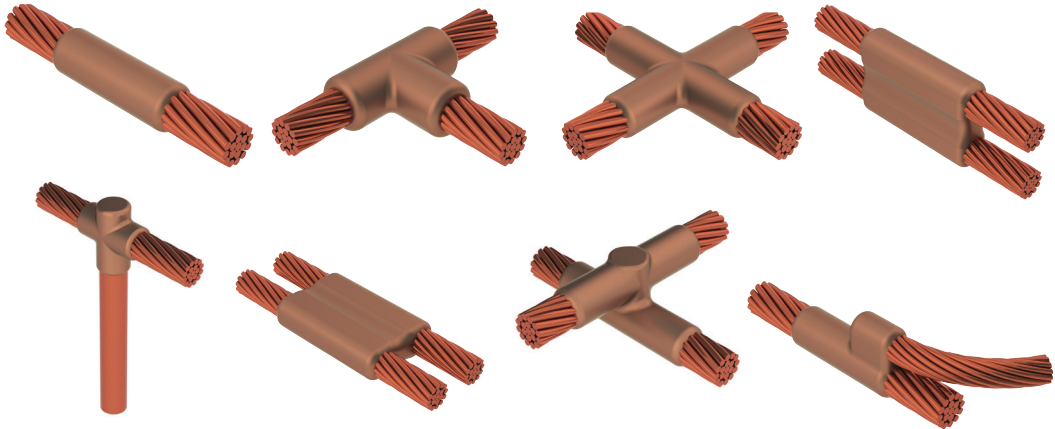


# CADWELD

## Connections Listing



**Contract Connections**

The following images are some of the more common types of CADWELD connections available. They are intended primarily for grounding and low voltage systems.

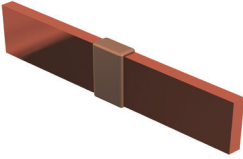
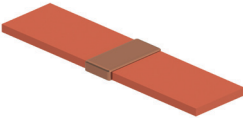
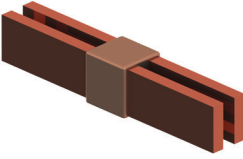
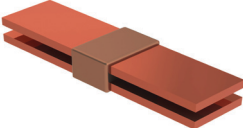
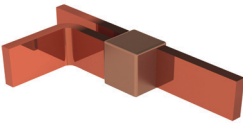
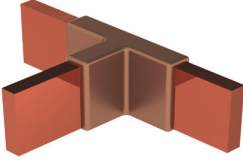
For assistance selecting the correct type of connection and consumables required contact Contract Connections Ltd.

#### Connection Types:

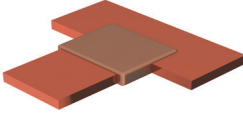
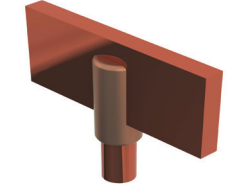
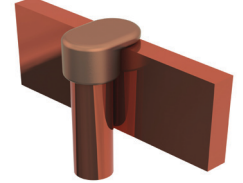
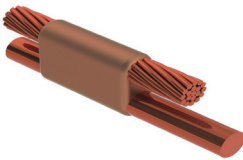
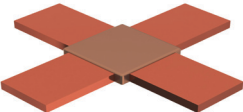
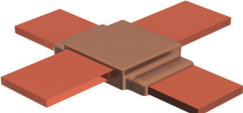
1. Cable to Cable .....Page 8 – 9 – 10
2. Cable to Ground Rods.....Page 3 – 4 – 5 – 8
3. Ground Rod Splices .....Page 4
4. Cable to Steel or Cast Iron.....Page 6 – 9 – 10
5. Cable to Rebar.....Use WRICON product
6. Cable to Lug or Bus Bar.....Page 6 – 7
7. Bus Bar to Bus Bar.....Page 2 – 3
8. Bus Bar to Ground Rods.....Page 3

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BG	Page 2	GT	Page 5	PC	Page 8
BJ	Page 2	GW	Page 5	PG	Page 8
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GG	Page 4	LS	Page 7	XB	Page 10
GM	Page 4	LV	Page 7	YR	Page 10
GN	Page 4	LW	Page 7		


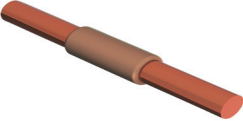
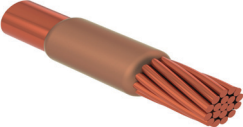
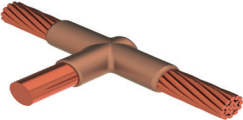
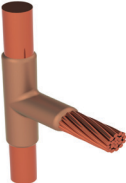

CADWELD Connections Listing

<b>BA</b>		Splice/Horizontal - Bus Bar on edge
<b>BB</b>		Splice/Horizontal - Bus Bar flat
<b>BF</b>		Splice/Horizontal - two or more Bus Bars on edge
<b>BG</b>		Splice/Horizontal - two or more Bus Bars flat
<b>BJ</b>		Parallel Tap/Horizontal - Bus Bars on edge
<b>BK</b>		Tee/Horizontal - Bus Bars on edge

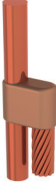
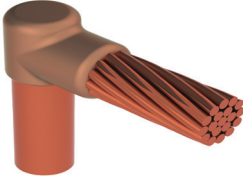
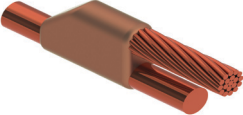

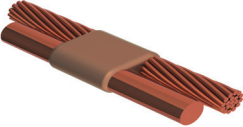
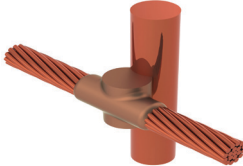
CADWELD Connections Listing

<p><b>BM</b></p>		<p>Tee/Horizontal - Bus Bars flat</p>
<p><b>CM</b></p>		<p>Tee/Vertical - Bus Bar on edge</p>
<p><b>CR</b></p>		<p>Tee/Vertical - Bus Bar on edge and lapped</p>
<p><b>DQ</b></p>		<p>Parallel through/Horizontal - over and under Cable on top</p>
<p><b>EA</b></p>		<p>X/Horizontal - Bus Bars flat and in same plane</p>
<p><b>EB</b></p>		<p>X/Horizontal - Bus Bars flat and lapped uncut</p>

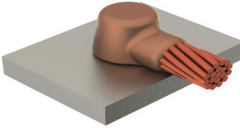
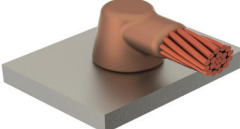
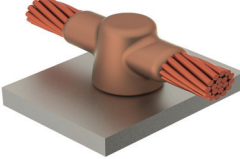
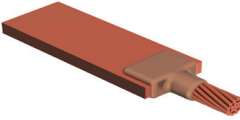
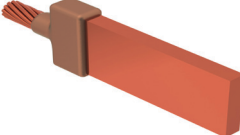
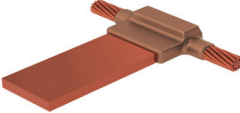
CADWELD Connections Listing

<p><b>GB</b></p>		<p>Ground Rod to Ground Rod Vertical Splice</p>
<p><b>GE</b></p>		<p>Ground Rod to Ground Rod Horizontal Splice</p>
<p><b>GF</b></p>		<p>Cable to Ground Rod Horizontal Splice</p>
<p><b>GG</b></p>		<p>Tee/Horizontal Rod, cable run, rod tap</p>
<p><b>GM</b></p>		<p>Tee/Vertical Rod - Horizontal cable tap</p>
<p><b>GN</b></p>		<p>Parallel Tap/Vertical - tap up Streamlined for driving</p>

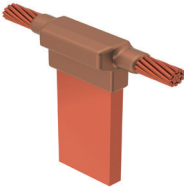
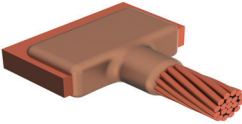
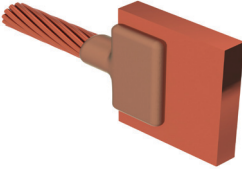
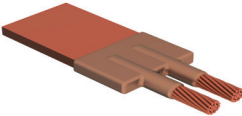
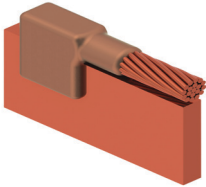
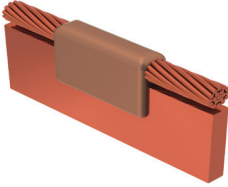
CADWELD Connections Listing

<p><b>GQ</b></p>		<p>Parallel Tap/Vertical - cable tap down</p>
<p><b>GR</b></p>		<p>Horizontal cable to Vertical Ground Rod - right angle</p>
<p><b>GS</b></p>		<p>Parallel Tap/Horizontal - streamlined for driving</p>
<p><b>GT</b></p>		<p>Tee/Horizontal Cable. Vertical Ground Rod</p>
<p><b>GW</b></p>		<p>Parallel through/Horizontal - side by side</p>
<p><b>GY</b></p>		<p>X/Vertical Rod, Horizontal Cable - lapped (uncut)</p>

CADWELD Connections Listing

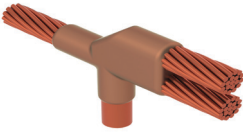
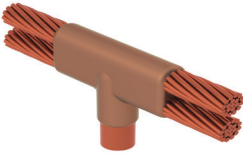
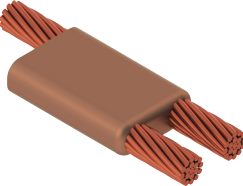
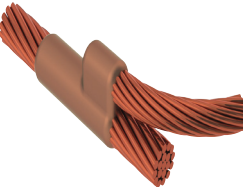
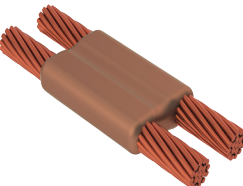
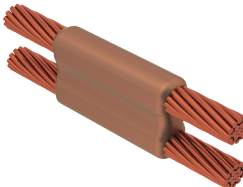
<p><b>HA</b></p>		<p>Tap/Horizontal - to steel, on surface</p>
<p><b>HS</b></p>		<p>Tap/Horizontal - to steel, off surface</p>
<p><b>HT</b></p>		<p>Through/Horizontal - to steel, off surface</p>
<p><b>LA</b></p>		<p>Splice/Horizontal - Lug or Bus Bar flat</p>
<p><b>LB</b></p>		<p>Splice/Horizontal - Lug or Bus Bar flat</p>
<p><b>LE</b></p>		<p>Tee/Horizontal - Flat Lug or Bus Bar tap</p>

CADWELD Connections Listing

<p><b>LG</b></p>		<p>Tee/Vertical - Lug or Bus Bar tap down</p>
<p><b>LJ</b></p>		<p>Tee/Horizontal - Cable Tap</p>
<p><b>LK</b></p>		<p>Tee/Vertical - Horizontal Cable Tap</p>
<p><b>LS</b></p>		<p>Splice/Horizontal - Bus Bar or Lug flat, two or more cables</p>
<p><b>LV</b></p>		<p>Parallel Tap/Horizontal - Bus Bar on edge</p>
<p><b>LW</b></p>		<p>Parallel Through/Horizontal - Bus Bar on edge</p>

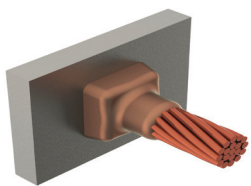


CADWELD Connections Listing

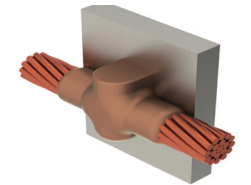
<p><b>NC</b></p>		<p>Tee/Horizontal through and tap cables Vertical Ground Rod</p>
<p><b>ND</b></p>		<p>Tee/Horizontal through cables, Vertical Ground Rod</p>
<p><b>PA</b></p>		<p>Parallel Tap/Horizontal - side by side</p>
<p><b>PC</b></p>		<p>Parallel Tap/Horizontal - over and under Tap on top</p>
<p><b>PG</b></p>		<p>Parallel Through/Horizontal - side by side</p>
<p><b>PT</b></p>		<p>Parallel Through/Horizontal - over and under</p>

<b>SS</b>		Splice/Horizontal
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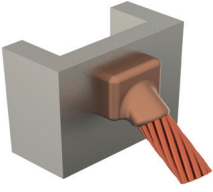
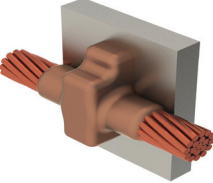
<b>TA</b>		Tee/Horizontal
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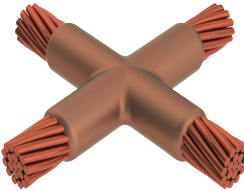
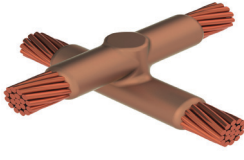
<b>VA</b>		Tap/Horizontal - to steel
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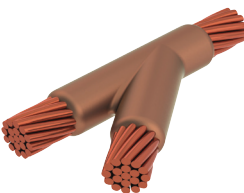
<b>VB</b>		Tap/Vertical - to steel, cable down off surface
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<b>VG</b>		Through/Horizontal - to steel or horizontal pipe, cable on surface
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<b>VL</b>		Tap/Horizontal - to steel, on surface Must specify right or left hand Right hand shown
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<p><b>VS</b></p>		<p>Tap/Vertical - down at 45 degrees to steel</p>
<p><b>VT</b></p>		<p>Through/Horizontal - to steel or vertical pipe, cable off surface</p>

<p><b>XA</b></p>		<p>X/Horizontal - cut cable, same plane</p>
<p><b>XB</b></p>		<p>X/Horizontal - lapped. Uncut cable</p>

<p><b>YR</b></p>		<p>Y/Horizontal - 45 degrees angle tap Must specify right or left hand Right hand shown</p>
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