

GC

Exothermically
Welded
Grounding
Connections**CABLE TO GROUND ROD CONNECTIONS**

- GC makes a through cable connection to the top of a ground rod

GENERAL INFORMATION:

- Molds shown are for concentric strand AWG conductors.
- Bare Class A, B, and C based on ASTM Standard Specifications
- Solid conductors are designated with a "S" suffix after the conductor
- Mold Price Key is the last letter in the Mold Catalog Number. i.e. A or B.
- For wear plates add the letter W to the end of the Mold Catalog Number

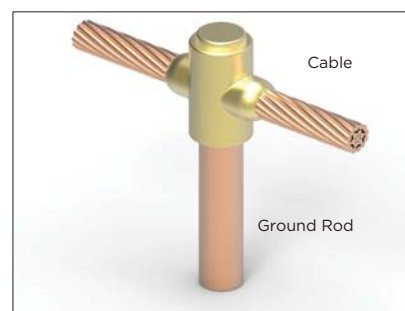
REQUIRED TOOLS

- Handle Clamps
 - HCLAMP-3 (A Price Key Molds)
 - HCLAMP-4 (B Price Key Molds)
- Flint Ignitor -FLINT IGNITOR

SUGGESTED TOOLS

- Cable Cleaning Brush -CC-BRUSH
- Slag Removal Spade - SLAG-SPADE
- Mold Cleaning Brush - MC-BRUSH
- Torch Head - EXO-TORCH

Ground Rod	Cable Size	Mold Catalog Number	Weld Metal	Mold Price Key
1/2 Full size UL Listed	#6 sol	GC1/2-6SA	32	A
	#6	GC1/2-6A	32	A
	#4 sol	GC1/2-4SA	32	A
	#4	GC1/2-4A	32	A
	#2 sol	GC1/2-2SA	90	A
	#2	GC1/2-2A	90	A
	1/0	GC1/2-1/0A	90	A
	2/0	GC1/2-2/0A	90	A
	3/0	GC1/2-3/0A	115	A
	4/0	GC1/2-4/0A	115	A
5/8	250 MCM	GC1/2-250A	150	A
	300 MCM	GC1/2-300A	200	A
	#6 sol	GC5/8-6SA	32	A
	#6	GC5/8-6A	32	A
	#4 sol	GC5/8-4SA	32	A
	#4	GC5/8-4A	32	A
	#2 sol	GC5/8-2SA	90	A
	#2	GC5/8-2A	90	A
	1/0	GC5/8-1/0A	90	A
	2/0	GC5/8-2/0A	115	A
3/4	3/0	GC5/8-3/0A	115	A
	4/0	GC5/8-4/0A	115	A
	250 MCM	GC5/8-250A	150	A
	300 MCM	GC5/8-300A	200	A
	350 MCM	GC5/8-350A	200	A
	500 MCM	GC5/8-500A	250	A
	#6 sol	GC3/4-6SA	45	A
	#6	GC3/4-6A	45	A
	#4 sol	GC3/4-4SA	65	A
	#4	GC3/4-4A	65	A
1	#2 sol	GC3/4-2SA	90	A
	#2	GC3/4-2A	90	A
	1/0	GC3/4-1/0A	115	A
	2/0	GC3/4-2/0A	115	A
	3/0	GC3/4-3/0A	115	A
	4/0	GC3/4-4/0A	115	A
	250 MCM	GC3/4-250A	150	A
	300 MCM	GC3/4-300A	200	A
	350 MCM	GC3/4-350A	200	A
	500 MCM	GC3/4-500A	250	A
750 MCM	GC3/4-750B	2 X 200	B	
1	Contact the factory			



GC

Special Note:

- Molds listed in table are for industry standard UL Listed copper-bonded steel ground rods. All are nominal diameters except 1/2 inch which is a full size 1/2 inch ground rod.
- To specify a mold for welding full size copper-bonded steel, galvanized, stainless steel, solid copper ground rods add suffix "F" to the ground rod size. Not necessary for UL Listed (full size) 1/2 inch copper-bonded ground rods.
- For sectional ground rods add the suffix "S" to the ground rod size.

Contact TE Connectivity for molds with other conductor sizes and configurations.
TE's AMP Weld exothermically welded connections meets the requirements of IEEE std. 837-2014.