

INSTRUCTION SHEET for Ground Grid Connectors

Cat. Nos. GG10-10, GG21-21, GG2030-10, GG2030-21, GG2030-2030, GG40250-10, GG40250-21, GG40250-2030, GG40250-40250, GG500-500, GG500-40250, GG500-350, GG500-2030, GG350-350

INSTALLING TOOLS: 13100A, TBM14CR-LI, TBM14M, TBM15CR-LI, TBM15I, and TBM15PF

Refer to opposite side of this instruction sheet for conductor sizes and installing die code information for catalog numbers listed above.

INSTRUCTIONS:

NOTE: Install these connectors on ground rods after the rods have been driven to their final depth.

1. Clean cable of all visible dirt with rough cloth or brush and provide a bright copper finish by wire brushing or similar process.
2. Use knurling tool 240-31565-94 on smooth ground rods. Kopr-Shield* and other compounds are not recommended on ground rods.
*Registered trademark of JET-LUBE, Inc.
3. Match hydraulic head die code number to connector die code number.
4. Place cable in cable bore of connector.
5. Place connector on one of the die halves as shown in Figure 2.
6. Perform one, two or three crimps.
7. Final crimp shown in Figure 3.

NOTE: Embossed die numbers on hex flats indicate the proper installing die has been for inspection purposes.

Installing Die Code	Die Cat. No.
29	15527-CK
33	15528
37	15513-CK
45	15526
50	15530
54H	15511
60	15532-CK
71H	15514
76	15512
80H	15517
87H	15506

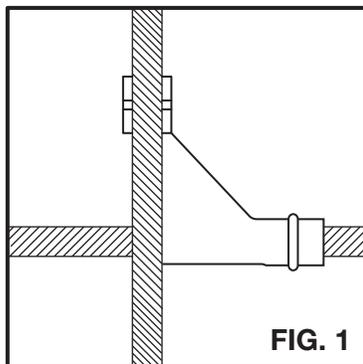


FIG. 1

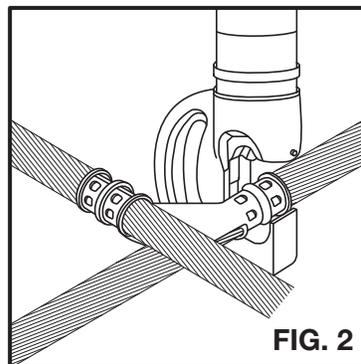


FIG. 2

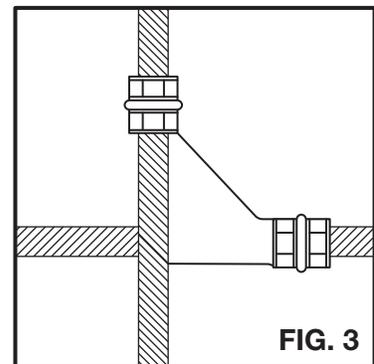


FIG. 3

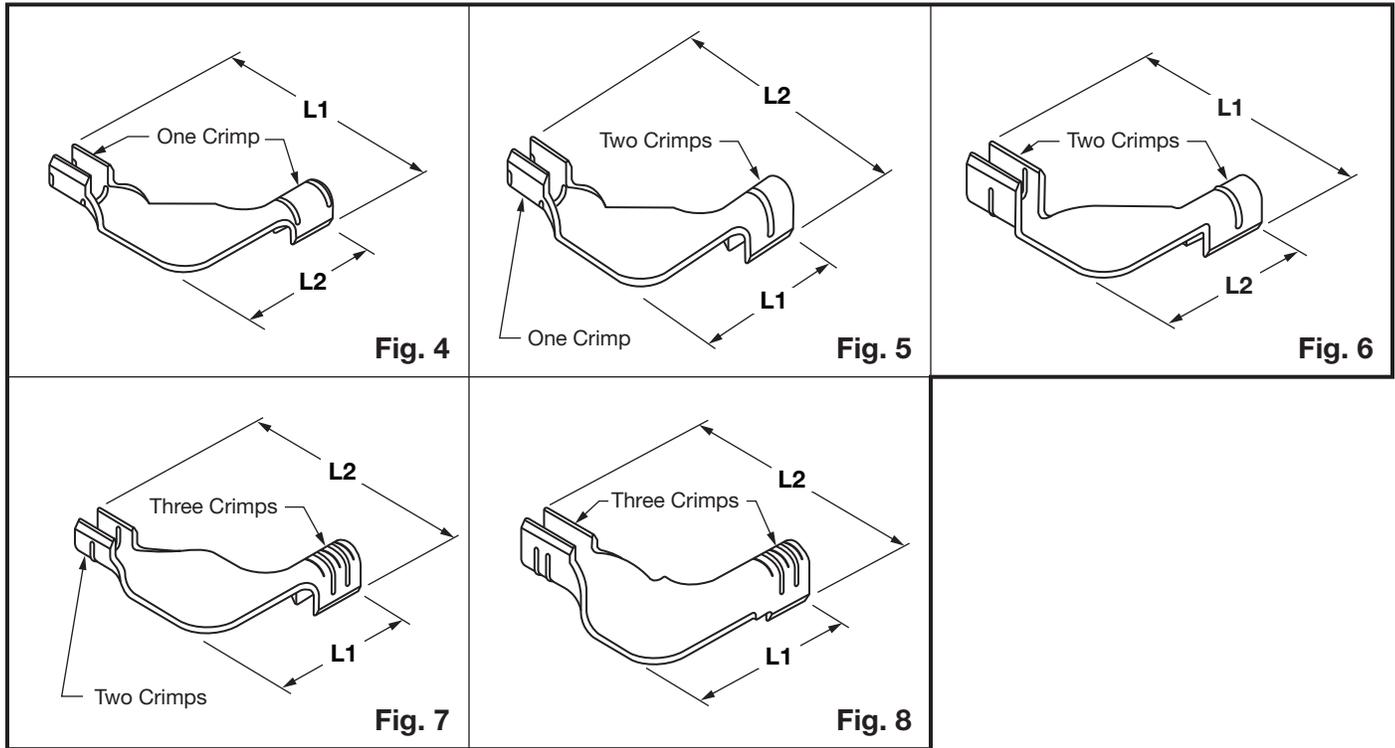
Thomas & Betts

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**FOR CONNECTING GROUND RODS TO STRANDED OR SOLID COPPER.
OR
FOR CONNECTING STRANDED COPPER CABLE TO STRANDED COPPER CABLE.**



Cat. No.	Fig.	Cable to Cable Range				Rod to Cable Range				Overall Dim.	
		Main	Die Code	Branch	Die Code	** Rod BBL	Die Code	Cable BBL	Die Code	L1	L2
GG10-10	4	1/0	54H	1/0	54H	—	—	—	—	2"	2"
GG21-21	4	#2 or #1	45	#2 or #1	45	—	—	—	—	2-1/8"	2-1/8"
GG2030-10	5	2/0 or 3/0	60	1/0	54H	—	—	—	—	2-23/32"	3-7/32"
GG2030-21	5	2/0 or 3/0	60	#2 #1	45 50	—	—	—	—	2-27/32"	3-5/32"
GG2030-2030	6	2/0 or 3/0	60	2/0 or 3/0	60	—	—	—	—	3-11/32"	3-11/32"
GG40250-10	5	4/0 or 250 MCM	71H	1/0	54H	1/2" 5/8"	71H 80H	1/0	54H	3"	2-1/2"
GG40250-21	5	4/0 or 250 MCM	71H	#2 #1	45 50	1/2" 5/8"	71H 80H	#2 #1	45 50	3"	2-1/2"
GG40250-2030	6	4/0 or 250 MCM	71H	2/0 or 3/0	60	1/2" 5/8"	71H 80H	2/0 or 3/0	60	3-21/32"	4-3/16"
GG40250-40250	6	4/0 or 250 MCM	71H	4/0 or 250 MCM	71H	1/2" 5/8"	71H 80H	4/0 or 250 MCM	71H	3-3/16"	3-3/16"
GG500-500	8	500 MCM	87H	500 MCM	87H	5/8" 3/4"	87H	500 MCM	87H	6-3/8"	6-3/8"
GG500-40250	7	500 MCM	87H	4/0 or 250 MCM	71H	5/8" 3/4"	87H	4/0 or 250 MCM	71H	4-3/8"	3-1/2"
GG500-350	7	500 MCM	87H	350 MCM	80H	5/8" 3/4"	87H	350 MCM	80H	5-1/2"	4-3/4"
GG500-2030	7	500 MCM	87H	2/0 or 3/0	60	5/8" 3/4"	87H	2/0 or 3/0	60	5"	4-1/8"
GG350-350	6	350 MCM	80H	350 MCM	80H	—	—	—	—	4-7/16"	4-7/16"

** See Step 2 on page 1 of 2.

INSTALLING TOOL: T&B Cat. Nos. 13100A, TBM14CR-LI, TBM14M, TBM15CR-LI, TBM15I, and TBM15PF Hydraulic Tools.

INSTALLING DIES: T&B Method Hex Compression.

NOTE: All 15500 series die require die adapter Cat. No. 15500-TB for TBM15 series tools.

Approved for direct burial.