

Blackburn® EZGround® compression ground-grid connectors



Copper C-crips**



Cat no.	Run (AWG)	Tap (AWG)	Die index	Installing die TBM14M 13100A, TBM15I	Dimension (in.)	
					H	L
BC48	#6 sol.-#4 str.	#8 sol.-#8 str.	BG or 5/8	B58CS	4 1/4	3 1/2
BC46-BB	#6 sol.-#4 str.	#6 sol.-#6 str.	BG or 5/8	B58CS	4 1/4	3 1/4
BC44	#6 sol.-#4 str.	#4 sol.-#4 str.	BG or 5/8	B58CS	4 1/4	5 1/4
BC24	#2 sol.-#2 str.	#8 sol.-#4 str.	C	HBKC	3/4	6 3/4
BC22	#2 sol.-#2 str.	#2 sol.-#2 str.	C	HBKC	3/4	1 3/4
BC202	1/0 sol.-2/0 str.	#8 sol.-#2 str.	E or O	HO	1 1/2	1 1/2
BC2020-BB	1/0 sol.-2/0 str.	1/0 str.-2/0 str.	E or O	HO	1 1/2	1 1/2
BC402	3/0 str.-4/0 str.	#6 sol.-#2 str.	F or D3	HD	1 1/2	1 1/2
BC4020	3/0 str.-4/0 str.	1/0 sol.-2/0 str.	F or D3	HD	1 1/2	1 1/2
BC4040	3/0 str.-4/0 str.	3/0 sol.-4/0 str.	F or D3	HD	1 1/2	1 1/2

** Does not meet IEEE 837.
Material: High-conductivity copper.
UL 467 Listed.

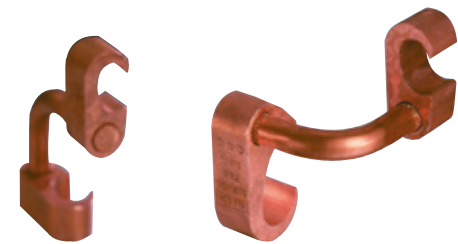


Figure 6 to 6 compression ground grid connector



Cat no.	Cable to cable (AWG or kcmil)		Element B to ground rod (in.)	Element B to rebar (in.)	Die selection for TBM14M, 13100A or TBM15I	
	Element A	Element B			A	B
54855L	#6 sol.-#2 str.	#6 sol.-#2 str.	-	-	15501A	15501A
54865L	#1 str.-250	#6 sol.-#2 str.	1/2-3/8	3/8-1/2 #3-#4 rebar	15G86R	15501A
54875L	#2 str.-250	#2 str.-250	1/2-3/8	3/8-1/2 #3-#4 rebar	15G86R	15G86R
54885L	250-500	#6 sol.-#2 str.	3/8-1/2	3/8-1/2 #5-#6 rebar	15G126R	15501A
54895L	250-500	#2 str.-250	3/8-1/2	3/8-1/2 #5-#6 rebar	15G126R	15G86R
54900L	250-500	250-500	3/8-1/2	3/8-1/2 #5-#6 rebar	15G121R15	G121R

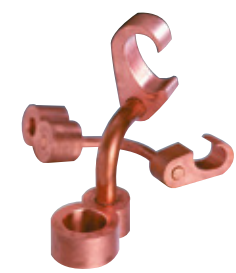
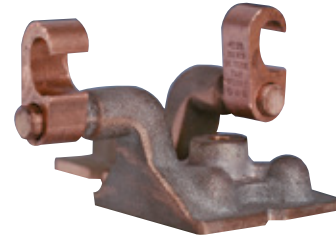


Figure 6 to 8 compression ground rod to grid connectors



Cat no.	A Ground rod (in.)	B Cable range (AWG or kcmil)	Dies for TBM14M, 13100A or TBM15I	
			Element A	Element B
54855LR12*	1/2	#2-250	15G86R	15G121R
54885LR12*	1/2	250-500	15G126R	15G121R
54865LR58*	3/8	#2-250	15G86R	15G121R
54895LR58*	3/8	250-500	15G126R	15G121R
54875LR34*	3/4	#2-250	15G86R	15G121R
54900LR34*	3/4	250-500	15G126R	15G121R
54910LR100	1	#2-250	15G86R	15G121R
54920LR100	1	250-500	15G126R	15G121R

*Tin-plated version available for galvanized ground rods. Add suffix -TP.



Ground plates



Cat no.	Cable range (AWG or kcmil)	Dies
GP2250-2	#2-250	15G86R
GP2250-4	#2-250	15G126R
GP250500-2	250-500	15G86R
GP250500-4	250-500	15G126R

Steel grounding studs, lugs and I-beam clamps not shown on this chart. Please refer to power connection and control catalog for complete details.



Figure 8 compression ground rod tap connectors



Cat no.	A Ground rod (in.)	B Cable range (AWG or kcmil)	Dies for TBM14M, 13100A or TBM15I	
			A	B
GR12-202	1/2	#2-2/0	15G121R	15G121R
GR58-202	3/8	#2-2/0	15G121R	15G121R
GR34-202	3/4	#2-2/0	15G121R	15G121R
GR1-202	1	#2-2/0	15G121R	15G121R
GR12-40250	1/2	3/0-250	15G121R	15G121R
GR58-40250	3/8	3/0-250	15G121R	15G121R
GR34-40250	3/4	3/0-250	15G121R	15G121R
GR1-40250	1	3/0-250	15G121R	15G121R
GR58-300500	3/8	300-500	15G121R	15G121R
GR34-300500	3/4	300-500	15G121R	15G121R
GR1-300500	1	300-500	15G121R	15G121R



Figure 6 compression ground tap connector

Cat no.	Main (AWG or kcmil)	Tap (AWG or kcmil)	Application		Dies for TBM14M, 13100A or TBM15I
			A ground rod	B cable range (AWG or kcmil)	
54855	1/0 str.-250 or 1/2"-3/8" rod	#4 sol.-#2 str.	#3 rebar 3/8"-1/2" #4 rebar	#4 sol.-#2 str.	15G86R
54860	1/0 str.-250 or 1/2"-3/8" rod	1/0 str.-2/0 str.	#3 rebar 3/8"-1/2" #4 rebar	1/0 str.-2/0 str.	15G86R
54865-CK	1/0 str.-250 or 1/2"-3/8" rod	3/0 str.-250	#3 rebar 3/8"-1/2" #4 rebar	3/0 str.-250	15G86R
54875	#6 sol.-#2 str.	#6 sol.-#2 str.	-	-	15501A
54885	250-500 or 3/8"-3/4" rod	#4 sol.-#2 str.	#5 rebar 3/8"-3/4" #6 rebar	-	15G126R
54890	250-500 or 3/8"-3/4" rod	1/0 str.-2/0 str.	#5 rebar 3/8"-3/4" #6 rebar	1/0 str.-2/0 str.	15G126R
54895	250-500 or 3/8"-3/4" rod	3/0 str.-250	#5 rebar 3/8"-3/4" #6 rebar	3/0 str.-250	15G126R
54900	250-500 or 3/8"-3/4" rod	350-500	#5 rebar 3/8"-3/4" #6 rebar	350-500	15G126R

* Tin-plated version available for galvanized ground rods. Add suffix -TP.



Cable or rod connector



Cat no.	Cable to cable range				Rod to cable			
	Main (AWG or kcmil)	Die code	Branch (AWG or kcmil)	Die code	Ground rod (in.)	Die code	Cable (AWG or kcmil)	Die code
GG21-21	#2 or #1	45	#2 or #1	45	-	-	-	-
GG10-10	1/0	54	1/0	54	-	-	-	-
GG2030-21	2/0 or 3/0	60	#2	45	-	-	-	-
GG2030-10	2/0 or 3/0	60	1/0	54	-	-	-	-
GG2030-2030	2/0 or 3/0	60	#1	50	-	-	-	-
GG40250-21	4/0 or 250	71	#2	45	1/2	71	#2 or #1	45
			#1	50	3/8	80H	#2 or #1	50
GG40250-10	4/0 or 250	71	1/0	54	1/2	71	1/0	65
					3/8	80H		
GG40250-2030	4/0 or 250	71	2/0 or 3/0	60	1/2	71	2/0 or 3/0	60
					3/8	80H	2/0 or 3/0	60
GG40250-40250	4/0 or 250	71	4/0 or 250	71	1/2	71	4/0 or 250	71
					3/8	80H	4/0 or 250	71
GG500-40250	500	87	4/0 or 250	71	3/8	80H	500	87
					1/2	87H	500	87
GG500-500	500	87	500	87	3/8	87	500	87
GG500-350	500	87H	350	80H	3/8	87H	350	80H
					1/2			
GG500-2030	500	87H	2/0 or 3/0	60	3/8	87H	2/0 or 3/0	60
					1/2			
GG350-350	350	80H	350	80H	-	-	-	-



C-taps



Cat no.	Main (AWG or kcmil)	Tap (AWG or kcmil)	Dies for TBM14M, 13100A or TBM15I		Crimps
			A	B	
CTP22	#6 sol.-#2 str.	#6 sol.-#2 str.**	HBKC	HBKC	1
CTP202	#1 str.-2/0 str.	#6 sol.-#2 str.**	15501A	15501A	1
CTP2020	#1 str.-2/0 str.	#1 str.-2/0 str.	15501A	15501A	1
CTP25020	3/0 str.-250	#6 sol.-2/0**	15G86R	15G86R	1
CTP250250	3/0 str.-250	3/0 str.-250	15G86R	15G86R	1
CTP50020	300-500	#6 sol.-2/0**	15G121R	15G121R	2
CTP500250	300-500	3/0 str.-250	15G121R	15G121R	2
CTP500500	300-500	300-500	15G121R	15G121R	3

Material: high-conductivity copper.
*Cat. No. 15500 adapter required if using TBM15I and 155XX series dies.
**#6 branch must be doubled.