

## C-Taps



Cat. No.	Main	Tap	Dimensions in. (mm)		Dies for TBM14M, 13100A or TBM151*	Crimps
			H	L		
CTP22	#6 sol.-#2 str.	#6 sol.-#2 str.**	1.16 (29.5)	0.75 (19.1)	HBKC	1
CTP202	#1 str.-2/0 str.		1.41 (35.8)			
CTP2020	#1 str.-2/0 str.	#1 str.-2/0 str.	1.54 (39.1)			
CTP25020	3/0 str.-250 kcmil	#6 sol.-2/0 AWG**	1.97 (50.0)			
CTP250250		3/0 str.-250 kcmil	2.06 (52.3)			
CTP50020	300-500 kcmil	#6 sol.-2/0 AWG**	2.42 (61.5)	0.88 (22.4)	15G121R	2
CTP500250		3/0 str.-250 kcmil	2.67 (67.8)			
CTP500500†		300-500 kcmil	300-500 kcmil	2.91 (73.9)		1.10 (27.9)

\* Cat. No. 15500 adaptor required if using TBM151 and 155XX series Dies.  
 \*\* #6 AWG branch must be doubled.  
 † Must use TBM151 tool  
 Material: High-Conductivity Copper.

## Copper C-Crimps Wire Combinations\*\*

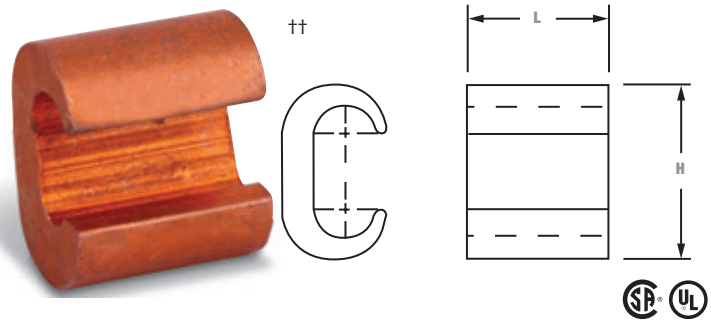
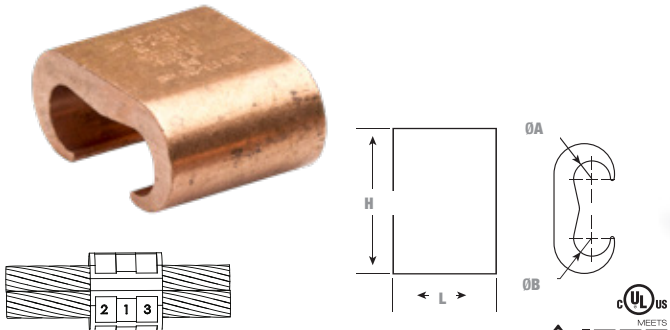


Figure 1 – Requires 3 crimps



Cat. No.	Ø A Cable	Ø B Cable	H (in.)	L (in.)	Crimps	Dies for Tools*
CTP22N	#6 sol.- #2 str.	#6 sol.- #2 str.	1-5/32	1-1/2	3	15534SS (Fig.1)
CTP202N	#1 str.- 2/0 str.	#6 sol.- #2 str.	1-13/32	1-1/2	3	15517SS (Fig.1)
CTP2020N	#1 str.- 2/0 str.	#1 str.- 2/0 str.	1-9/16	1-1/2	3	15517SS (Fig.1)
CTP25020N	3/0 str.- 250 kcmil	#1 str.- 2/0 str.	1-31/32	1-1/2	3	15506SS (Fig.1)
CTP250250N†	3/0 str.- 250 kcmil	3/0 str.- 250 kcmil	2-1/16	1-1/2	3	15506SS (Fig.1)
CTP500250N	300 - 500 kcmil	3/0 str.- 250 kcmil	2.72	2.5	5	15603SS
CTP50020N	300 - 500 kcmil	#6 sol.- 2/0 str.	2.42	2.5	5	15603SS
CTP500500N**	300 - 500 kcmil	300 - 500 kcmil	2.92	2.5	5	15G121N

\* These dies may be used with the TBM15CR-LI or TBM151 compression tools. Please note that the die adapter 15500-TB is required for use with these tools.

\*\*Can be used with 3/4 in. (17.3 mm) copper clad ground rod. The ground rod must be pre-crimped with die 15507SS to comply with IEEE 837-2014.

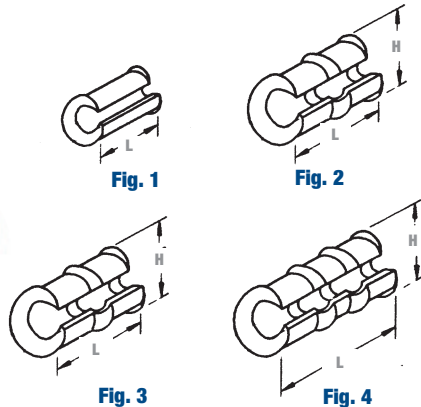
† Can be used with 5/8 in. (15.8 mm) copper clad ground rod. The ground rod must be pre-crimped with die 15526SS to comply with IEEE 837-2014.

Cat. No.	Run	Tap	Die Index	Manual Tool OD Series	Installing Die 14- and 15-Ton Tools	Dimensions in. (mm)	
						L	H
BC48	6 sol.-4 str.	8 sol.-8 str.	BG or 5/8	BY31	B58CS	0.64 (16.3)	0.56 (14.2)
BC46-BB		6 sol.-6 str.					0.75 (19.1)
BC44		4 sol.-4 str.					0.80 (20.3)
BC24	2 sol.-2 str.	8 sol.-4 str.	C	BY33	HBKC	0.75 (19.1)	0.98 (24.9)
BC22		2 sol.-2 str.					1.05 (26.7)
BC202	1/0 sol.-2/0 str.	8 sol.-2 str.	E or O	-	HO	0.94 (23.9)	1.31 (33.3)
BC2020-BB		1/0 str.-2/0 str.					1.34 (34.0)
BC402	3/0 str.-4/0 str.	6 sol.-2 str.	F or D3	-	HD	1.06 (26.9)	1.63 (41.4)
BC4020		1/0 sol.-2/0 str.					
BC4040		3/0 sol.-4/0 str.					

\*\*Do not meet IEEE 837.

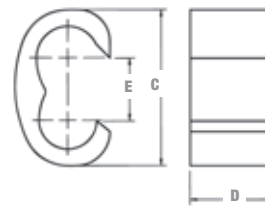
## C-Taps

### Small Size



### Large Size for Certified to 600 V

- More economical than other taps and split bolts in terms of purchase, inventory, installation time, insulation and maintenance.
- Color-coded for easy matching with proper die
- Barely larger than conductor insulation once installed



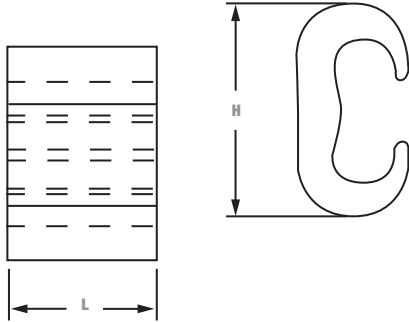
**Material:** High-Conductivity Wrought Copper  
**Finish:** Plain

Cat. No.	Code Wire Comb. Cir. Area Range		Die		Group 2	Group 3	Insulation Choice		Dimensions in. (mm)		Colour Code			
	Main	Branch	Group 1	Smart™ Tools			Adhesive	Shrink Tubing	L	H				
54705	12	14	6TON21SS	TBM6221	↑ Accommodates this range ↓	↑ Accommodates this entire range ↓	-	HS12-6	0.31	0.31	Red			
	14	16							(7.9)	(7.9)	Blue			
54710	10	10	6TON24SS	TBM6224					HS12-6	-	HS12-6	0.56	0.44	Blue
	8	12										(14.2)	(11.2)	Grey
54715	6	10, 12	6TON29SS	TBM6229					HS12-6	-	HS12-6	0.56	0.63	Grey
	8	8, 10, 12										(14.2)	(16.0)	Brown
54720	4 or 5	8, 10, 12	6TON33SS	TBM6233			HS12-6	-	HS12-6	1.16	0.69	Brown		
	6									6, 8	(29.5)	(17.5)	Green	
54725	3	6, 8, 10, 12***	6TON37SS	TBM6237			HS12-6	-	HS12-6	1.16	0.81	Green		
	4 or 5	6, 5								(29.5)	(20.6)	Pink		
54730	2	6, 8, 10, 12	6TON42SS	TBM6242			HS6-1	-	HS6-1	1.16	0.84	Pink		
	3	5								(29.5)	(21.3)	Black		
	4	3												
54735	1	4, 5, 6, 8, 10, 12	6TON45SS	TBM6245	HS6-1	-	HS6-1	0.06	0.88	Black				
	2	4, 5						(1.5)	(22.4)	Orange				
	3	3, 4												
54740	1/0	4, 5, 6, 8, 10, 12	6TON50SS	TBM6250	HS6-1	-	HS6-1	1.69	0.97	Orange				
	1	3, 4						(42.9)	(24.6)	Purple				
	2	2, 3												
54745	2/0	3, 4, 5, 6, 8, 10, 12	6TON54SS	TBM6254	HS4-30	-	HS4-30	1.69	1.06	Purple				
	1/0	2, 3						(42.9)	(26.9)	Yellow				
54750	3/0	2, 3, 4, 5, 6, 8, 10, 12	6TON62SS	TBM6262	HS4-30	-	HS4-30	1.69	1.19	Yellow				
	2/0	1, 2						(42.9)	(30.2)					
	1/0	1/0, 1												

Cat. No.	Wire Size		Dimensions in. (mm)			Installing Die		Die Code	No. of Crimps	Colour Code
	Main	Branch	C	D	E	Tool	Cat. No.			
54755	#1	#1	1.93	0.75	0.53	TBM14M	15512SS	76	1	Blue
	1/0	2/0-#3								
	2/0	1/0-#6								
	3/0	#1-#8								
	4/0									
54760	2/0	2/0-#1	1.43	0.75	0.59	TBM14M	15506SS	87H	2	Brown
	3/0	3/0-#3								
	4/0	4/0-#4								
	250 kcmil	#1-#8								
54765	2/0	2/0-#1	1.68	1.00	0.64	TBM14M	15505SS	99H	2	Pink
	3/0	3/0-#2								
	4/0	4/0-#4								
	250 kcmil	3/0-#6								
	300 kcmil	2/0-#8								
54770	4/0	4/0-2/0	1.68	1.00	0.68	TBM14M	15515SS	106H	2	Black
	250 kcmil	250-#1								
	300 kcmil	4/0-#4								
	350 kcmil	3/0-#6								
54775**	250 kcmil	250 kcmil	1.88	1.25	0.81	TBM14M	15504SS	115H	2	Yellow
	300 kcmil	300-3/0								
	350 kcmil	350-1/0								
	400 kcmil	300-#2								
	450 kcmil	250-#4								
500 kcmil	250-#6									
54780	350 kcmil	350-4/0	2.18	1.25	0.82	TBM15I	15603	125H	2	N/A
	400 kcmil	400-2/0								
	450 kcmil	450-#1								
	500 kcmil	500-#2								
54785	750 kcmil	4/0-#6	2.12	2.00	1.00	TBM15I	15603	125H	3	N/A
54790	750 kcmil	750-4/0	2.68	2.00	1.31	TBM15I	15603	125H	3	N/A

\*\*\* When using 3 AWG on main and 12 AWG on branch with Smart™ Tools and dies, 12 AWG wire must be doubled (hair-pinned) and placed on branch for crimping.  
 Group 1 = TBM6H, TBM62PCR-LI, TBM62CR-LI, TBM6UNICR-LI.  
 Group 2 = TBM45S, TBM41E (require 2 compressions within each crimp area).  
 Group 3 = TBM4/4S, TBM5S, TBM6S, TBM8/8S, TBM6H (require 1 compression within each crimp area).

UL approved for direct burial.  
 For covers see Section B.  
 Taps can be supplied tin-plated. Add suffix "TP" to any Cat. No. (i.e. 54725TP).  
 \* Cat. No. 15500TB adaptor required if using TBM15I and 155xx series dies.  
 \*\* #6 AWG branch must be doubled.  
 Tooling and Die Selector Chart see Section E.



## C-Taps



Cat. No.	Main	Tap	Dimensions in. (mm)		Dies for TBM14M, 13100A or TBM151*	Crimps
			H	L		
CTP22	#6 sol.-#2 str.	#6 sol.-#2 str.**	1.16 (29.5)	0.75 (19.1)	HBKC	1
CTP202	#1 str.-2/0 str.		1.41 (35.8)			
CTP2020	#1 str.-2/0 str.	#1 str.-2/0 str.	1.54 (39.1)			
CTP25020	3/0 str.-250 kcmil	#6 sol.-2/0 AWG**	1.97 (50.0)			
CTP250250		3/0 str.-250 kcmil	2.06 (52.3)			
CTP50020	300-500 kcmil	#6 sol.-2/0 AWG**	2.42 (61.5)	0.88 (22.4)	15G121R	2
CTP500250		3/0 str.-250 kcmil	2.67 (67.8)			
CTP500500†		300-500 kcmil	300-500 kcmil	2.91 (73.9)		1.10 (27.9)

\* Cat. No. 15500 adaptor required if using TBM151 and 155XX series Dies.  
 \*\* #6 AWG branch must be doubled.  
 † Must use TBM151 tool  
 Material: High-Conductivity Copper.

## Copper C-Crimps Wire Combinations\*\*

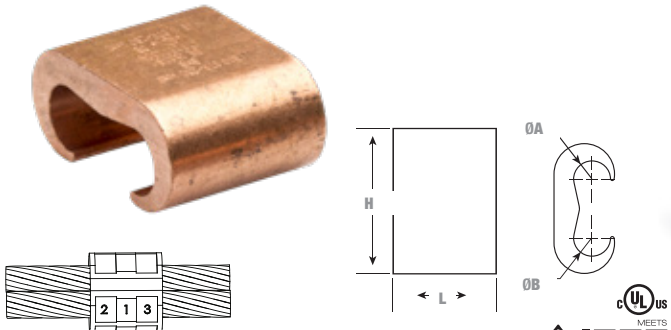
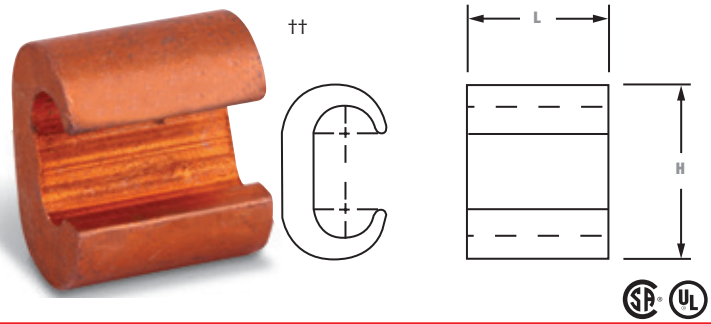


Figure 1 – Requires 3 crimps



Cat. No.	Ø A Cable	Ø B Cable	H (in.)	L (in.)	Crimps	Dies for Tools*
CTP22N	#6 sol.- #2 str.	#6 sol.- #2 str.	1-5/32	1-1/2	3	15534SS (Fig.1)
CTP202N	#1 str.- 2/0 str.	#6 sol.- #2 str.	1-13/32	1-1/2	3	15517SS (Fig.1)
CTP2020N	#1 str.- 2/0 str.	#1 str.- 2/0 str.	1-9/16	1-1/2	3	15517SS (Fig.1)
CTP25020N	3/0 str.- 250 kcmil	#1 str.- 2/0 str.	1-31/32	1-1/2	3	15506SS (Fig.1)
CTP250250N†	3/0 str.- 250 kcmil	3/0 str.- 250 kcmil	2-1/16	1-1/2	3	15506SS (Fig.1)
CTP500250N	300 - 500 kcmil	3/0 str.- 250 kcmil	2.72	2.5	5	15603SS
CTP50020N	300 - 500 kcmil	#6 sol.- 2/0 str.	2.42	2.5	5	15603SS
CTP500500N**	300 - 500 kcmil	300 - 500 kcmil	2.92	2.5	5	15G121N

\* These dies may be used with the TBM15CR-LI or TBM151 compression tools. Please note that the die adapter 15500-TB is required for use with these tools.

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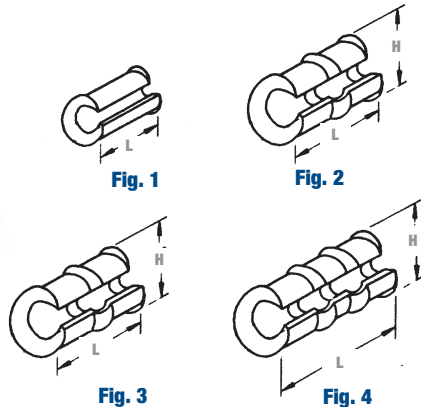
† Can be used with 5/8 in. (15.8 mm) copper clad ground rod. The ground rod must be pre-crimped with die 15526SS to comply with IEEE 837-2014.

Cat. No.	Run	Tap	Die Index	Manual Tool OD Series	Installing Die 14- and 15-Ton Tools	Dimensions in. (mm)	
						L	H
BC48	6 sol.-4 str.	8 sol.-8 str.	BG or 5/8	BY31	B58CS	0.64 (16.3)	0.56 (14.2)
BC46-BB		6 sol.-6 str.					0.75 (19.1)
BC44		4 sol.-4 str.					0.80 (20.3)
BC24	2 sol.-2 str.	8 sol.-4 str.	C	BY33	HBKC	0.75 (19.1)	0.98 (24.9)
BC22		2 sol.-2 str.					1.05 (26.7)
BC202	1/0 sol.-2/0 str.	8 sol.-2 str.	E or O	-	HO	0.94 (23.9)	1.31 (33.3)
BC2020-BB		1/0 str.-2/0 str.					1.34 (34.0)
BC402	3/0 str.-4/0 str.	6 sol.-2 str.	F or D3	-	HD	1.06 (26.9)	1.63 (41.4)
BC4020		1/0 sol.-2/0 str.					
BC4040		3/0 sol.-4/0 str.					

\*\*Do not meet IEEE 837.

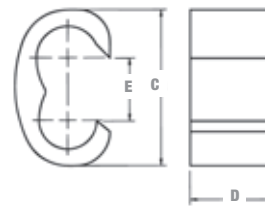
## C-Taps

### Small Size



### Large Size for Certified to 600 V

- More economical than other taps and split bolts in terms of purchase, inventory, installation time, insulation and maintenance.
- Color-coded for easy matching with proper die
- Barely larger than conductor insulation once installed



**Material:** High-Conductivity Wrought Copper  
**Finish:** Plain



Cat. No.	Code Wire Comb. Cir. Area Range		Die		Group 2	Group 3	Insulation Choice		Dimensions in. (mm)		Colour Code												
	Main	Branch	Group 1	Smart™ Tools			Adhesive	Shrink Tubing	L	H													
54705	12	14	6TON21SS	TBM6221	↑ Accommodates this range ↓	↑ Accommodates this entire range ↓	-	-	HS12-6	0.31 (7.9)	0.31 (7.9)	Red											
	14	16								0.56 (14.2)	0.44 (11.2)	Blue											
54710	10	10	6TON24SS	TBM6224						0.56 (14.2)	0.63 (16.0)	Grey											
	8	12								1.16 (29.5)	0.69 (17.5)	Brown											
54715	6	10, 12	6TON29SS	TBM6229						1.16 (29.5)	0.81 (20.6)	Green											
	8	8, 10, 12								1.16 (29.5)	0.84 (21.3)	Pink											
54720	4 or 5	6, 8	6TON33SS	TBM6233			↑ Accommodates this entire range ↓	↑ Accommodates this entire range ↓	TBM8-750C20	-	HS6-1	1.16 (29.5)	0.88 (22.4)	Black									
	6	6, 8										1.69 (42.9)	0.97 (24.6)	Orange									
54725	3	6, 8, 10, 12***	6TON37SS	TBM6237								TBM8-750C2530	-	-	-	1.69 (42.9)	1.06 (26.9)	Purple					
	4 or 5	6, 5														1.69 (42.9)	1.19 (30.2)	Yellow					
54730	2	6, 8, 10, 12	6TON42SS	TBM6242												↑ Accommodates this entire range ↓	↑ Accommodates this entire range ↓	AC5X3	-	-	1.69 (42.9)	1.19 (30.2)	Yellow
	3	5																			2.12 (53.8)	2.00 (50.8)	N/A
	4	3			2.12 (53.8)	2.00 (50.8)			N/A														
54735	1	4, 5, 6, 8, 10, 12	6TON45SS	TBM6245	TBM8-750C3540	-			-	-	2.12 (53.8)										2.00 (50.8)	N/A	
	2	4, 5									2.68 (68.1)	2.00 (50.8)	N/A										
	3	3, 4									2.68 (68.1)	2.00 (50.8)	N/A										
54740	1/0	4, 5, 6, 8, 10, 12	6TON50SS	TBM6250							↑ Accommodates this entire range ↓	↑ Accommodates this entire range ↓	HS4-30	-	-			2.68 (68.1)	2.00 (50.8)	N/A			
	1	3, 4																2.68 (68.1)	2.00 (50.8)	N/A			
	2	2, 3					2.68 (68.1)	2.00 (50.8)										N/A					
54745	2/0	3, 4, 5, 6, 8, 10, 12	6TON54SS	TBM6254	TBM8-750C4550	-	-	-	2.68 (68.1)	2.00 (50.8)								N/A					
	1/0	2, 3							2.68 (68.1)	2.00 (50.8)								N/A					
54750	3/0	2, 3, 4, 5, 6, 8, 10, 12	6TON62SS	TBM6262					↑ Accommodates this entire range ↓	↑ Accommodates this entire range ↓								-	-	-	2.68 (68.1)	2.00 (50.8)	N/A
	2/0	1, 2											2.68 (68.1)	2.00 (50.8)	N/A								
	1/0	1/0, 1											2.68 (68.1)	2.00 (50.8)	N/A								

Cat. No.	Wire Size		Dimensions in. (mm)			Installing Die		Die Code	No. of Crimps	Colour Code
	Main	Branch	C	D	E	Tool	Cat. No.			
54755	#1	#1	1.93 (49.0)	0.75 (19.1)	0.53 (13.5)	TBM14M TBM15I TBM12 13100A	15512SS	76	Blue	
	1/0	2/0-#3					15512SS*	76		
	2/0	1/0-#6					TBM12D-4	76		
	3/0	#1-#8					15512SS	76		
	4/0						15512SS	76		
54760	2/0	2/0-#1	1.43 (36.3)	0.75 (19.1)	0.59 (15.0)	TBM14M TBM15I TBM12 13100A	15506SS	87H	Brown	
	3/0	3/0-#3					15506SS*	87H		
	4/0	4/0-#4					TBM12D-3	87H		
	250 kcmil	#1-#8					15506SS	87H		
54765	2/0	2/0-#1	1.68 (42.7)	1.00 (25.4)	0.64 (16.3)	TBM14M TBM15I TBM12 13100A	15505SS	99H	Pink	
	3/0	3/0-#2					15505SS*	99H		
	4/0	4/0-#4					TBM12D-2	99H		
	250 kcmil	3/0-#6					15505SS	99H		
54770	4/0	4/0-2/0	1.68 (42.7)	1.00 (25.4)	0.68 (17.3)	TBM14M TBM15I TBM12 13100A	15515SS	106H	Black	
	250 kcmil	250-#1					15515SS*	106H		
	350 kcmil	4/0-#4					TBM12D-2	106H		
54775**	250 kcmil	250 kcmil	1.88 (47.6)	1.25 (31.8)	0.81 (20.6)	TBM14M TBM15I TBM12 13100A	15504SS	115H	Yellow	
	300 kcmil	300-3/0					15504SS*	115H		
	350 kcmil	350-1/0					TBM12D-1	115H		
	400 kcmil	300-#2					15504SS	115H		
	450 kcmil	250-#4					15504SS	115H		
54780	350 kcmil	350-4/0	2.18 (55.4)	1.25 (31.8)	0.82 (20.08)	TBM15I	15603	125H	N/A	
	400 kcmil	400-2/0					15603	125H		
	450 kcmil	450-#1					15603	125H		
	500 kcmil	500-#2					15603	125H		
54785	750 kcmil	4/0-#6	2.12 (53.8)	2.00 (50.8)	1.00 (25.4)	TBM15I	15603	125H	3	N/A
54790	750 kcmil	750-4/0	2.68 (68.1)	2.00 (50.8)	1.31 (33.3)	TBM15I	15603	125H	3	N/A

\*\*\* When using 3 AWG on main and 12 AWG on branch with Smart™ Tools and dies, 12 AWG wire must be doubled (hair-pinned) and placed on branch for crimping.  
 Group 1 = TBM6H, TBM62PCR-LI, TBM62CR-LI, TBM6UNICR-LI.  
 Group 2 = TBM45S, TBM41E (require 2 compressions within each crimp area).  
 Group 3 = TBM4/4S, TBM5S, TBM6S, TBM8/8S, TBM6H (require 1 compression within each crimp area).

UL approved for direct burial.  
 For covers see Section B.  
 Taps can be supplied tin-plated. Add suffix "TP" to any Cat. No. (i.e. 54725TP).  
 \* Cat. No. 15500TB adaptor required if using TBM15I and 155xx series dies.  
 \*\* #6 AWG branch must be doubled.  
 Tooling and Die Selector Chart see Section E.