

14-Ton Manual Hydraulic Crimp Tool

TBM14M - 14-Ton Manual Hydraulic Crimp Tool

Features fiberglass handles for insulation and ease of use in tight spaces

Two-stage pump provides rapid advance for fast installation



**Creates
Hex-style
crimp**

**Includes
carrying case**

Also available

Stainless steel
die kits for
12-, 14-,
15-Ton tools



Specifications

Output Force: 14 tons

Length: 24 in.

Weight without Dies: 15.4 lb.

Use TBM14M with our E-Z-Ground® Grounding System

See charts overleaf →

Thomas & Betts. Your best connection for innovative solutions.

CONNECTOR SIZE			COLOUR CODE	TBM14M			
Cu	Flex 24	Al		Die Cat. No.	Die Code No.	Hex-Flex Die Cat. No. [†]	Hex-Flex Die Code No.
8 AWG	37/24	10 AWG	Red	15520SS	21	15520XSS	21X
6 AWG	61/24	8 AWG	Blue	15522SS	24	15522XSS	24X
4 AWG	91/24	6 AWG	Grey	15527SS	29	15527XSS	29X
2 AWG	125/24	—	Brown	15528SS	33	15528XSS	33X
1 AWG	150/24	4 AWG	Green	15513SS	37	15513XSS	37X
1/0	225/24	2 AWG	Pink	15508SS	42	15508XSS	42X
2/0	275/24	—	Black	15526SS	45	15526XSS	45X
3/0	325/24	—	Orange	15530SS	50	15530XSS	50X
4/0	450/24	—	Purple	15511SS	54	15511XSS	54X
250 kcmil	550/24	—	Yellow	15510SS	62	15510XSS	62X
—	—	1 AWG	Gold	15526SS	45	—	—
—	—	1/0	Tan	15530SS	50	—	—
—	—	2/0	Olive	15511SS	54	—	—
—	—	3/0	Ruby	15532SS	60	—	—
300 kcmil	650/24	4/0	White	15534SS	66	15534XSS	66X
350 kcmil	775/24 (Short)	250 kcmil	Red	15514SS	71	15514XSS	71X
400 kcmil	775/24 (Long)	300 kcmil	Blue	15512SS	76	15512XSS	76X
—	925/24*	—	—	15517SS	80H	15517XSS	80X
500 kcmil	—	350 kcmil	Brown	15506SS	87H	15506XSS	87X
600 kcmil	1100/24	400 kcmil	Green	15536SS	94H	15536XSS	94X
700 kcmil	1325/24	500 kcmil	Pink	15505SS	99H	—	—
750 kcmil	1600/24	650 kcmil	Black	15515SS	106H	—	—
800 kcmil	—	—	Orange	15540SS	107H	—	—
900 kcmil	1925/24	750 kcmil	Yellow	15504SS	115H	—	—

[†] HEX-FLEX® Dies are sold separately in halves. The catalogue numbers shown in the chart above are for the upper half of the die. For the bottom half (the indenter), order one Cat. No. 15500X for 15500XSS Series Die Codes 21X-94X.

FIGURE 8 COMPRESSION GROUND ROD TAP CONNECTORS			
Cat. No.	A (in.) Ground Rod	B Cable Range	Dies for TBM14M
GR12-202*	1/2	#2 AWG – 2/0 AWG	15G121R ②
GR58-202*	5/8		
GR34-202*	3/4		
GR1-202	1		
GR12-40250*	1/2	3/0 AWG – 250 kcmil	
GR58-40250*	5/8		
GR34-40250*	3/4		
GR1-40250	1		
GR58-300500*	5/8	300–500 kcmil	
GR34-300500*	3/4		
GR1-300500	1		

* Tin-plated version of galvanized ground rods available. Add suffix -TP to Cat. No. Optional Ground Rod Knurling die for 14-Ton tool: 15508. Knurling tool: 240-31565-94. ② Number of crimps.

FIGURE 6 COMPRESSION GROUND TAP CONNECTORS						
Cat. No.	Application		Cable to rebar application*		Dies for TBM14M	
	Main	Tap	Main	Tap		
54855	1/0 Str.–250 kcmil or 1/2 in.–5/8 in. Rod	#4 Sol.–#2 Str.	#3 Rebar 3/8 thru 1/2 in. #4 Rebar	#4 Sol.–#2 Str.	15G86R	①
54860		1/0 Str.–2/0 Str.		1/0 Str.–2/0 Str.	15G86R	①
54865-CK		3/0 Str.–250 kcmil		3/0 Str.–250 kcmil	15G86R	①
54875	#6 Sol.–#2 Str.	#6 Sol.–#2 Str.	—	—	15501A	①
54885	250 kcmil–500 kcmil or 5/8 in.–3/4 in. Rod	#4 Sol.–#2 Str.	#5 Rebar 5/8 thru 3/4 in. #6 Rebar	#4 Sol.–#2 Str.	15G126R	①
54890		1/0 Str.–2/0 Str.		1/0 Str.–2/0 Str.	15G126R	①
54895		3/0 Str.–250 kcmil		3/0 Str.–250 kcmil	15G126R	①
54900		350 kcmil–500 kcmil		350 kcmil–500 kcmil	15G121R	③

* CSA not applicable. Tin-plated version of galvanized ground rods available. Add suffix -TP to Cat. No. ① Number of crimps.

FIGURE 6 TO 6 COMPRESSION GROUND GRID CONNECTORS							
Cat. No.	Cable to Cable		Element A to Ground Rod (in.)	*Element B to Rebar (in.)	Dies for TBM14M		
	Element A	Element B			Element A	Element B	
54855L	#6 Sol.–#2 Str.	#6 Sol.–#2 Str.	—	—	15501A	①	15501A ①
54865L	#1 Str.–250 kcmil	#6 Sol.–#2 Str.	1/2 – 5/8	3/8 – 1/2 #3–#4 Rebar	15501A	①	15G86R ①
54875L	#2 Str.–250 kcmil	#2 Str.–250 kcmil			15G86R	①	15G86R ①
54885L	250 kcmil–500 kcmil	#6 Sol.–#2 Str.	5/8 – 3/4	5/8 – 3/4 #3–#4 Rebar	15501A	①	15G126R ①
54895L		#2 Str.–250 kcmil			15G86R	①	15G126R ①
54900L		250 kcmil–500 kcmil			15G121R	③	15G121R ③

* CSA not applicable. ① Number of crimps.

FIGURE 6 TO 8 COMPRESSION GROUND ROD TO GRID CONNECTORS				
Cat. No.	A in. Ground Rod	B Cable Range	Dies for TBM14M	
			Element A	Element B
54855LR12*	1/2	#2 AWG–250 kcmil	15G121R	15G86R
54885LR12*		250 kcmil–500 kcmil		15G126R
54865LR58*	5/8	#2 AWG–250 kcmil		15G86R
54895LR58*		250 kcmil–500 kcmil		15G126R
54875LR34*		#2 AWG–250 kcmil		15G86R
54900LR34*	3/4	250 kcmil–500 kcmil		15G126R
54910LR100		#2 AWG–250 kcmil		15G86R
54920LR100	1	250 kcmil–500 kcmil		15G126R

* Tin-plated version available for galvanized ground rods. Add suffix -TP to Cat. No.

C-TAPS				
Cat. No.	Main	Tap	Dies for TBM14M	Crimps
CTP22	#6 Sol.–#2 Str.	#6 Sol.–#2 Str.*	HBKC	❶
CTP202	#1 Str.–2/0 Str.		15501A	
CTP2020	#1 Str.–2/0 Str.	#1 Str.–2/0 Str.	15G86R	
CTP25020	3/0 Str.–250 kcmil	#6 Sol.–2/0 AWG*		
CTP250250		3/0 Str.–250 kcmil		
CTP50020	300–500 kcmil	#6 Sol.–2/0 AWG*	15G121R	❷
CTP500250		3/0 Str.–250 kcmil		
CTP500500†			300–500 kcmil	

* #6 AWG branch must be doubled.

† Must use TBM15I tool. Material: High-Conductivity Copper.

② Number of crimps.

Installing Dies

Dies for Standard C-Taps

CONNECTOR	COLOR CODE	TBM25S DIE NO.	TBM5/5S DIE NO.	TBM6/6S DIE NO.	TBM8/8S DIE NO.	BPLT62BSCR DIE NO.	TBM6H/BPLT6BSCR DIE NO.
54705	RED	Red Nest	13454	13475/13477	13461	TBM6221	6TON21
54710	BLUE	Blue Nest	13454	13475/13477	13461	TBM6224	6TON24
54715	GRAY	Grey Nest	13454	13472/13476	13461	TBM6229	6TON29
54720	BROWN	Brown Nest	13454	13474/13477	13461	TBM6233	6TON33
54725	GREEN	Green Nest	13455	13474/13477	13462	TBM6237	6TON37
54730	PINK	—	13455	13475/13477	13462	TBM6242	6TON42
54735	BLACK	—	13455	13474/13477	13462	TBM6245	6TON45
54740	ORANGE	—	13455	13474/13477	13462	TBM6250	6TON50
54745	PURPLE	—	13456	13475/13477	13463	TBM6254	6TON54
54750	YELLOW	—	13456	13473/13478	13463	TBM6262	6TON62

Dies for Large C-Taps

CONNECTOR	COLOR CODE	13642M/13400 DIE NO.	TBM12 DIE NO.	13100A/JB12B/TBM14M/ BPLT14BSCR DIE NO.	TBM15/ BPLT15BSCR DIE NO.
54755	BLUE	11744	TBM12D-4	15512	15512
54760	BROWN	11746-TB	TBM12D-3	15506	15506
54765	PINK	11748	TBM12D-2	15505	15505
54770	BLACK	11749	TBM12D-2	15515-CK	15515-CK
54775	YELLOW	11753	TBM12D-1	15504	15504
54780	WHITE	—	—	—	15603
54785	N/A	—	—	—	15603
54790	N/A	—	—	—	15603

Dies for Copper H-Taps

CONNECTOR	COLOR CODE	TBM6H/BPLT6BSCR DIE NO.	13100A/JB12B/TBM14M/ BPLT14BSCR DIE NO.	TBM15/ BPLT15BSCR DIE NO.
CHT814-10	GREEN	6TON37R	15CA37RCH	15CA37RCH
CHT214-9	BROWN	6TON71R	15CA71RCH	15CA71RCH
CHT250214-8	PURPLE	—	15CA80RCH	15CA80RCH
CHT25014-7	PURPLE	—	15CA80RCH	15CA80RCH
CHT2502-6	PURPLE	—	15CA80RCH	15CA80RCH
CHT50010-5	BROWN	—	—	15612CH
CHT50040-4	BROWN	—	—	15612CH
CHT75010-3	YELLOW	—	—	15620CH
CHT750350-2	YELLOW	—	—	15620CH
CHT75040-11	YELLOW	—	—	15620CH
CHT750350-1F	WHITE	—	—	15620CHF