

LITHIUM-ION  
BATTERY-POWERED TOOLS

**Color-Keyed® | Blackburn® | HOMAC®**



# Lithium-ion battery powered tools

## Compression tools

The Thomas & Betts line of 6- to 15-ton compression and cutting tools is equipped with lithium-ion (Li) battery technology.

- 14.4V lithium-ion battery offers lighter weight, longer run time, no memory effect, minimal discharge and rapid recharge
- Visual indication of complete crimp compression (green/orange/red)
- All tools and batteries come with a standard 5-year warranty
- Covers a wide range of applications in both the electrical and utility markets

### Li 6-ton open crimp tool



- Designed for one-handed control ram advancement and retraction
- Open yoke design with rotating head allows for maximum crimping flexibility
- Protective rubber boot on head
- Rapid advance feature decreases crimp time
- 14.4V DC motor

### Li 6-ton closed crimp tool



- Designed for one-handed control ram advancement and retraction
- Rotating head allows maximum flexibility for crimping
- Rapid advance feature decreases crimp time
- 14.4V DC motor

Cat. No.	Dimensions	Weight	Capacity	Output
TBM6PCR-LI	13" L x 2.5" W x 12" H	8.5 lbs. with battery	Cu #8-600 kcmil Al #10-400 kcmil	6 tons

Cat. No.	Dimensions	Weight	Capacity	Output
TBM62PCR-LI	13" L x 2.5" W x 12" H	8.5 lbs. with battery	Cu #8-600 kcmil Al #10-500 kcmil	6 tons

### Li 6-ton dieless closed crimp tool



- Dieless tool with a 180° rotating head, uses one stationary and three movable indenting nibs, which close at 90° angles to each other so that the connector is squeezed equally at four strategic points
- Crimps most connectors manufactured to ANSI C119.4 specification #6-750 kcmil
- 14.4V DC motor
- For C119.4 applications

### Li 6-ton dieless open crimp tool



- Dieless tool with a 180° rotating head, used to compress Homac®/ Anderson® style lugs with 6 tons of force
- Crimps most connectors manufactured to ANSI C119.4 specification up to 500 kcmil
- 14.4V DC motor
- For C119.4 applications

Cat. No.	Dimensions	Weight	Capacity	Output
HMC5750-LI	15" L x 2.5" W x 13" H	12.5 lbs. with battery	Al #6-750 kcmil	6 tons

Cat. No.	Dimensions	Weight	Capacity	Output
HMC5630-LI	14" L x 2.5" W x 13" H	11.5 lbs. with battery	Al #10-200 kcmil	6 tons

### Li inline 6-ton open OD crimp tool



- Designed with rotating 180° jaws and integrated LED work lights offering more maneuverability in tight spaces, while still providing six tons of scissor action crimping force
- Designed for one-handed control ram advancement and retraction with a rapid advance feature which decreases crimp time
- Fixed "O" and "D" die, accepts W-style dies
- 14.4V DC motor

Cat. No.	Dimensions	Weight	Capacity	Output
TBM6UCR-LI	18" L x 3.5" W x 4.5" H	8.75 lbs. with battery	Cu #8-600 kcmil Al #10-4/0 kcmil	6 tons

### Li 12-ton open crimp tool



- Designed for one-handed control ram advancement and retraction
- Rotating head allows maximum flexibility for crimping and a protective rubber boot on "C" head
- Rapid advance feature decreases crimp time
- 14.4V DC motor

Cat. No.	Dimensions	Weight	Capacity	Output
TBM12PCR-LI	16.5" L x 3.3" W x 12.6" H	16.8 lbs. with battery	Cu #8-750 kcmil Al #10-750 kcmil	12 tons

### Li inline 6-ton open die crimp tool



- Designed with rotating 180° jaws and integrated LED work lights offering more maneuverability in tight spaces, while still providing six tons of scissor action crimping force
- Designed for one-handed control ram advancement and retraction with a rapid advance feature which decreases crimp time
- Accepts 6-ton stainless steel die series
- 14.4V DC motor

Cat. No.	Dimensions	Weight	Capacity	Output
TBM6UCR-LI	18" L x 3.5" W x 4.5" H	8.75 lbs. with battery	Cu #8-600 kcmil Al #10-4/0 kcmil	6 tons

### Li 14-ton open crimp tool



- Installs up to 900 kcmil copper lugs and splices and up to 750 kcmil aluminum lugs and splices
- Rotating head allows maximum flexibility for crimping and a protective rubber boot on "C" head
- Rapid advance feature decreases crimp time
- 14.4V DC motor

Cat. No.	Dimensions	Weight	Capacity	Output
TBM14CR-LI	19" L x 3.5" W x 10.5" H	20 lbs. with battery	Cu #8-900 kcmil Al #10-750 kcmil	14 tons

### Li inline 6-ton closed crimp tool



- Designed with a rotating 180° head and integrated LED work lights offering more maneuverability in tight spaces, while still providing six tons of parallel action crimping force
- Designed for one-handed control ram advancement and retraction with a rapid advance feature which decreases crimp time
- Accepts 6-ton stainless steel die series
- 14.4V DC motor

Cat. No.	Dimensions	Weight	Capacity	Output
TBM62CR-LI	18" L x 3.5" W x 4.5" H	8.75 lbs. with battery	Cu #8-600 kcmil Al #8-400 kcmil	6 tons

### Li 15-ton closed crimp tool



- Installs up to 1500 kcmil copper lugs and splices and up to 1250 kcmil aluminum lugs and splices
- Rotating head allows maximum flexibility for crimping and a protective rubber boot
- Rapid advance feature decreases crimp time
- 14.4V DC motor

Cat. No.	Dimensions	Weight	Capacity	Output
TBM15CR-LI	21.5" L x 3.5" W x 10.5" H	24 lbs. with battery	Cu #8-1500 kcmil Al #10-1250 kcmil	15 tons

# Compression tools

## Li cutter for 750 kcmil Cu, 636 kcmil ACSR



- Designed for one-handed control of blade advancement and retraction
- Cuts up to 1500 kcmil up to 2½" outside diameter aluminum, and 636 kcmil ACSR
- 14.4V DC motor

Cat. No.	Dimensions	Weight	Capacity	Output
TBM54CTS-LI	16" L x 4.5" W x 5" H	5.8 lbs. with battery	Cu 750 kcmil Al 1500 kcmil ACSR 636 kcmil	N/A

## Li cutter for up to 1500 kcmil Cu



- Designed for one-handed control of blade advancement and retraction
- Cuts up to 1500 kcmil up to 2½" outside diameter aluminum, (not for use on ACSR)
- 14.4V DC motor

Cat. No.	Dimensions	Weight	Capacity	Output
TBM54CT-L	16" L x 4.5" W x 5" H	5.8 lbs. with battery	Cu 1000 kcmil Al 1500 kcmil ACSR—Do Not Cut	N/A

## Li cutter for steel, ACSR, Al, Cu



- Designed for one-handed control of blade advancement and retraction with a rotating head to allow maximum flexibility for cutting
- Features a two-stage rapid advance ram for reduced cycles with overload bypass protection, which will pop off if the material is beyond the cutter's capacity
- Cuts up to 1½" outside diameter copper, aluminum, and ACSR cable
- Cuts rebar, ground rod up to ⅝" and wire rope up to ¾"
- 14.4V DC motor

Cat. No.	Dimensions	Weight	Capacity	Output
TBM58PCTS-LI	17.5" L x 2.5" W x 13" H	14.6 lbs. with battery	Wire rope ¾" Rebar ⅝" Ground Rod ⅝" ACSR 1½" Cu/Al cable 1½"	N/A

# Accessories

## Li battery



- Standard battery platforms across all new Li-ion tools
- Provides more crimps per charge than standard Ni-MH batteries
- Lithium ion

Cat. No.	Dimensions	Weight	Capacity	Output
144-BAT-LI	4.2" L x 3.3" W x 2.6" H	1.2 lbs.	3.0 Ah	14.4V DC

## Li battery charger



- Charger works across the standard battery platform for all new Li-ion tools

Cat. No.	Dimensions	Weight	Input voltage	Output
144-CHR-LI	9" L x 5.7" W x 3.2" H	3.5 lbs.	100–240V AC 50/60 Hz	10.8–14.4V DC 7A 28.8V DC 3A

## Adapter for Li battery



- Converts older TBM series battery tools with poke-in style battery to the new Li-ion battery platform, allowing for higher productivity as batteries are interchangeable across the Li-ion tools

Cat. No.	Dimensions	Weight	Capacity	Output
144-ADP-LI	N/A	N/A	N/A	N/A

# Tools and dies

## Dies for standard lugs and splices

Connector size			TBM6PCR-LI, TBM62PCR-LI, TBM62CR-LI, TBM6UNICR-LI					TBM12PCR-LI, TBM14C		
Code copper	Flex/24	Al/Cu	Color code	Die catalog number	Die code number	Hex-Flex® Die catalog number	Hex-Flex® Die code number	Die catalog number	Die code number	Hex-Flex® Die catalog number
8 AWG	37/24	10 AWG	RED	6TON21SS	21	6TON21XSS	21X	15520SS	21	15520XSS
6 AWG	6½/4	8 AWG	BLUE	6TON24SS	24	6TON24XSS	24X	15522SS	24	15522XSS
4 AWG	9½/4	6 AWG	GRAY	6TON29SS	29	6TON29XSS	29X	15527SS	29	15527XSS
2 AWG	125/24		BROWN	6TON33SS	33	6TON33XSS	33X	15528SS	33	15528XSS
1 AWG	150/24	4 AWG	GREEN	6TON37SS	37	6TON37XSS	37X	15513SS	37	15513XSS
1/0	225/24	2 AWG	PINK	6TON42SS	42	6TON42XSS	42X	15508SS	42	15508XSS
2/0	275/24		BLACK	6TON45SS	45	6TON45XSS	45X	15526SS	45	15526XSS
3/0	325/24		ORANGE	6TON50SS	50H	6TON50XSS	50X	15530SS	50	15530XSS
4/0	450/24		PURPLE	6TON54SS	54H	6TON54XSS	54X	15511SS	54	15511XSS
250 kcmil	550/24		YELLOW	6TON62SS	62H	6TON62XSS	62X	15510SS	62	15510XSS
		1 AWG	GOLD	6TON45SS	45			15526SS	45	
		1/0	TAN	6TON50SS	50H			15530SS	50	
		2/0	OLIVE	6TON54SS	54H			15511SS	54	
		3/0	RUBY	6TON60SS	60H			15532SS	60	
300 kcmil	650/24	4/0	WHITE	6TON66SS	66H	6TON66XSS	66X	15534SS	66	15534XSS
350 kcmil	775/24 (short)	250 kcmil	RED	6TON71SS	71H			15514SS	71	15514XSS
400 kcmil	775/24 (long)	300 kcmil	BLUE	6TON76SS	76H			15512SS	76	15512XSS
	925/24*			6TON80SS	80H			15517SS	80H	15517XSS
500 kcmil	925/24	350 kcmil	BROWN	6TON87SS	87H			15506SS	87H	15506XSS
600 kcmil	1100/24	400 kcmil	GREEN	6TON94SS	94H			15536SS	94H	15536XSS
700 kcmil	1325/24	500 kcmil	PINK					15505SS	99H	
750 kcmil	1600/24**	600 kcmil	BLACK					15515SS	106H	
800 kcmil			ORANGE					15540SS	107H	
		700 kcmil	PURPLE							
900 kcmil	1925/24	750 kcmil	YELLOW					15504SS	115H	
1000 kcmil		800 kcmil	N/A							
		1000 kcmil	N/A							

\*Standard barrel only. Long barrel requires Brown 87H.

\*\*Flex wire size 1600/24 requires long barrel only with die code Black 106H.

† HEX-FLEX® dies are sold separately in halves. The catalog numbers shown in the chart above are for the upper half of the die.

For the bottom half (the indenter), order one Cat. No. 6TONXSS for all 6TONXSS Series, one Cat. No. 15500XSS for 15500XSS Series Die Codes 21X-94X and one Cat. No. 15600X for all 15600X Series Die Codes 62X-115X.

‡ These dies require adapter 15500-TB to be used in the TBM15CR-LI.

Tool warranty applies: Refer to [www.tnb.com](http://www.tnb.com) for full warranty terms.

R-LI		TBM15CR-LI							
Die code number	Hex-Flex® Die code number	Die catalog number ‡	Die code number	Full die catalog number	Full die, die code number	Hex-Flex® Die catalog number††	Hex-Flex® Die code number	Hex-Flex® Full die catalog number†	Hex-Flex® Full die code number
21X		15520SS	21	15520F	21	15520XSS	21X		
24X		15522SS	24	15522F	24	15522XSS	24X		
29X		15527SS	29	15527F	29	15527XSS	29X		
33X		15528SS	33	15528F	33	15528XSS	33X		
37X		15513SS	37	15513F	37	15513XSS	37X		
42X		15508SS	42	15508F	42	15508XSS	42X		
45X		15526SS	45	15526F	45	15526XSS	45X		
50X		15530SS	50	15530F	50	15530XSS	50X		
54X		15511SS	54	15511F	54	15511XSS	54X		
62X		15510SS	62	15510F	62	15510XSS	62X	15662X	62X
		15526SS	45						
		15530SS	50						
		15511SS	54						
		15532SS	60	15532F	60				
66X		15534SS	66	15534F	66	15534XSS	66X	15666X	66X
71X		15514SS	71	15514F	71	15514XSS	71X	15671X	71X
76X		15512SS	76	15512F	76	15512XSS	76X	15676X	76X
80X		15517SS	80H	15606	80H	15517XSS	80X	15606X	80X
87X		15506SS	87H	15506F	87H	15506XSS	87X	15687X	87X
94X		15536SS	94H	15611	94H	15536XSS	94X	15611X	94X
		15505SS	99H	15505F	99H			15605X	99X
		15515SS	106H	15515F	106H			15615X	106X
				15608	107H			15608X	107X
				15609	112H				
		15504SS	115H	15504F	115H			15604X	115X
				15603	125H				
				15602	140H				
				15601	150H				

Please ask your Thomas & Betts sales representative for a complete catalog of quality Thomas & Betts electrical products or visit us at [www.tnb.com](http://www.tnb.com). For customer service, call 1-800-816-7809. For technical questions, call 1-888-862-3289.

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