

Manual Compression Tools

Color-Keyed®

TBM45S Crimp Tool

- Wide range of #8 to #2 for copper lugs and #10 to #6 for aluminum lugs
- Each die has die code embossing
- Shure-Stake® mechanism ensures a properly completed crimp each time
- Color-coded die wheel rotates into position for proper die nest adjustment
- Also installs up to green color-coded C-taps and MD2 Series motor disconnects
- Requires two crimps per connector



Creates Diamond-style crimp



Cat. No.	Description	Pkg. Qty
TBM45S	Crimp tool with Shure-Stake® mechanism for #8-#2 copper and #10-#6 aluminum lugs	1

	Conductor Size					
	#10 Red	#8 Red	#6 Blue	#4 Grey	#2 Brown	#1 Green
Copper Connectors						
One hole, short		54104	54134	54138	54107	
			54130	54105	54106	54142-TB
			54131	54135	54139	54143-TB
			54132	54136	54140	54145-TB
			54104	54205	54206	54207
Splice, short		54504	54505	54506	54507	
One hole, long		54930BE	54905BE	54906BE	54942BE	
Two hole, long		54850BE	54852BE	54854BE	54856BE	
Splice, long		54804	54805	54806	54807	
Cable Joints			54610	54615	54620	
Narrow Tongue				55112	55116	
C-Taps		54705	54710	54715	54720	54725
Motor Disconnects		MD8 series	MD6 series	MD4 series	MD2 series	
Aluminum Connectors						
One hole	60096	60101	60106			
	60096	60102	60107			
	60099	60103	60108			
		60104	60109			
Splices	60500	60501	60507			
Bi-Pins		61905A	61910A			
Equipment Lugs		61102	61107			

Manual Compression Tools

TBM4S Dieless Crimp Tool

- Wide range of #8 to 250 kcmil for copper lugs and #8 to 4/0 for aluminum lugs
- Adjustable indenter eliminates the need to buy and maintain numerous individual dies
- Shure-Stake® mechanism ensures a properly completed crimp each time
- Easily adjusted by turning knurled adjusting wheel and aligning pointer with proper terminal size
- Dieless adjustable crimper for Color-Keyed® compression connectors



Color-Keyed®

Cat. No.	Description	Pkg. Qty
TBM4S	Dieless crimp tool with Shure-Stake® mechanism for #8-250 kcmil copper and #8-4/0 aluminum lugs	1

Manual Compression Tools

Color-Keyed®

TBM5 and TBM5S* Crimp Tools

- Wide range of #8 to 250 kcmil for copper and #10 to 4/0 for aluminum lugs and splices
- Also install C-taps from 54705 to 54750
- *Shure-Stake® mechanism ensures a properly completed crimp each time
- Include color-coded, die-code-embossed installation dies



Creates Diamond-style crimp

Cat. No.	Color Code	AL	CU	Die Cat. No.	Pkg. Qty
TBM5 or TBM5S*	Red	10	8	13454	1
	Blue	8	6		
	Grey	6	4		
	Brown		2		
	Green	4	1	13455	
	Pink	2	1/0		
	Black		2/0		
	Orange		3/0	13456	
	Purple		4/0		
	Yellow		250		
	Gold	1		13457	
	Tan	1/0			
	Olive	2/0			
	Ruby	3/0			
White	4/0		13458		

Carrying Cases for TBM5 and TBM5S

Cat. No.	Description	Pkg. Qty
295-31365M	Steel Carrying Case for TBM5, TBM5S, TBM6 and TBM6S	1
295-31365	Plastic Carrying Case for TBM5, TBM5S, TBM6 and TBM6S	

Manual Compression Tools

TBM6 and TBM6S* Crimp Tools



Creates Diamond-style crimp

- Wide range of #8 thru 500 kcmil for copper lugs, splices and taps and #10 thru 350 kcmil for aluminum lugs and splices
- Also install 63105 through 63140 orange, green and blue H-taps
- *Shure-Stake® mechanism ensures a properly completed crimp each time
- Complete with plastic carrying case and wire brush
- No dies included

Cat. No.	Color Code	AL	CU	Upper Die Cat. No.	Lower Die Cat. No.	Pkg. Qty
TBM6 or TBM6S*	Red	10	8	13475	13477	1
	Blue	8	6			
	Grey	6	4			
	Brown		2	13474	13477	
	Green	4	1			
	Pink	2	1/0			
	Black		2/0			
	Orange		3/0			
	Purple		4/0			
	Yellow		250	13473	13476	
	Gold	1		13474	13477	
	Tan	1/0				
	Olive	2/0				
	Ruby	3/0		13475	13476	
	White	4/0				
	Red	250	350			
	Blue	300	400			
Brown		500				
			13472	13476		
			13468	13468		

Carrying Cases for TBM6 and TBM6S

Cat. No.	Description	Pkg. Qty
295-31365M	Steel Carrying Case for TBM5, TBM5S, TBM6 and TBM6S	1
295-31365	Plastic Carrying Case for TBM5, TBM5S, TBM6 and TBM6S	

Manual Compression Tools

TBM8 and TBM8S* Crimp Tools



Creates Diamond-style crimp

- Install coded copper lugs and connectors #8 through 500 kcmil
- Install aluminum lugs and connectors #10 through 350 kcmil
- *Shure-Stake® mechanism ensures positive compression
- Included dies are color-coded and provide die-code embossing for easy installation and inspection
- Install all coded copper compression joints and a selection of small C-taps
- Complete with installing dies and wire brush in plastic carrying case

Cat. No.	Color Code	AL	CU	Lower Die Cat. No.	Pkg. Qty	
TBM8 or TBM8S*	Red	10	8	13461	1	
	Blue	8	6			
	Grey	6	4			
	Brown		2			
	Green	4	1	13462		
	Pink	2	1/0			
	Black		2/0			
	Orange		3/0	13463		
	Purple		4/0			
	Yellow		250	13464		
	Gold	1				
	Tan	1/0				
	Olive	2/0				
	Ruby	3/0				
	White	4/0		300		13465
	Red	250		350		13466
	Blue	300		400		13467
Brown	350		500	13468		

Manual Compression Tools

TBM840 Crimp Tool



Color-Keyed®

- Wide range of #8 to 4/0 for copper connectors and splices
- Installs lugs and splices Series 54000 and 58000
- 8-position color-coded rotatable die
- Comfort hand grip
- Die index embossed for permanent inspectability
- Overall length: 23-3/4"
- Handle length: 16-1/2"
- Weight: 8.8 lb

Cat. No.	Description	Pkg. Qty
TBM840	Crimp Tool for #8 to 4/0 Copper Lugs c/w Rotating Color Coded Die Wheel	1

Manual Compression Tool

TBM4BB Crimp Tool

- Installs lugs and splices over a wire range of #8 to #2 copper and #10 to #6 aluminum.
- Also installs up to the green colour-coded C-Taps and MD2 series motor disconnect.
- A colour-coded die wheel is rotated into position and each die has die code embossing.
- Shure Stake® tool



Gauging Procedure

1. Rotate wheel to the desired nest.
2. Squeeze handles with 5 to 15 lb force.
3. Holding handles tightly closed, insert GO, NO-GO gauge into nest. GO gauge should enter freely, NO-GO gauge may enter partially, but not pass completely through the length of the nest area.
4. Equivalent to TBM25S

Cat. No.	Color Code	Gauging Nom. - Tol.
TBM4BB	Red	0.183 ± 0.006
	Blue	0.220 ± 0.008
	Grey	0.273 ± 0.008
	Brown	0.332 ± 0.008
	Green	0.414 ± 0.008

	Conductor Size					
	#10	#8	#6	#4	#2	#1
Copper						
One hole, short		CTL8-10 CTL8-14 CTL8-516 54132	CTL6-10 CTL6-14 CTL6-516 CTL6-38	CTL4-10 CTL4-14 CTL4-516 CTL4-38	CTL2-14 CTL2-516 CTL2-38 CTL2-12	
Two hole, short		54204	CTL6-214	CTL4-214	54207	
Splice, short		CSP8	CSP6	CSP4	CSP2	
One hole, long		CTL8L-14	CTL6L-14	CTL4L-14	54942BE	
Two hole, short		LCN8-14	LCN6-14	LCN4-14	LCN2-516	
Splice, long		CU8	CU6	CU4	CU2	
Cable Joints			54610	54615	54620	
Narrow Tongue				55112	55116	
C-Taps		54705	54710	54715	54720	54725
Motor Disconnects		MD8 series	MD6 series	MD4 series	MD2 series	
Aluminum						
One hole	60096 60099	ATL8-10 ATL8-14 60103 60104	ATL6-10 ATL6-14 60108 60109			
Splices	60500	ASP8	ASP6			
Bi-Pins		61905A	61910A			
Equipment Lugs		61102	61107			

Blackburn®

Manual Compression Tool

OD581 Manual Compression Tool

Blackburn®

- Integral self-gauging system in tool head assures proper adjustment before each crimp
- Improved design reduces force to crimp by as much as 20%
- Teflon over bronze bearings greatly reduce wear at linkage and pins; far superior to steel bearing surfaces
- All standard insert dies available for OD58 tool: "O" and "D", 840, etc., 5/8" fixed die in nose
- ODF tool has fixed "O" and "D" dies
- ODB tool has fixed "O" and "D" dies; accepts standard insert dies designed for MD6 tool
- Distribution of weight over tool length gives better balance, results in easier handling and positioning
- Optional fiberglass handles for greater strength, lighter weight, better insulating properties and lower moisture absorption rate
- ODF and ODB tools with insulated heads available as an option
- Lever action tool with hot stick handles of Glastrux Fiberglass, rated and tested for 100kV/ft/5 minutes
- Lever action results in minimum applied force to crimp

Cat. No.	Description	Handle Length (in.)	Weight (lb)
OD58	Manual Tool with 5/8" Nose Die and Insert Die Cavity Straight Wooden handles	-	6.5
OD581	Manual Tool with 5/8" Nose Die and Insert Die Cavity Straight Fiberglass handles	-	6.0
OD583	Manual Tool with 5/8" Nose Die and Insert Die Cavity Curved Wooden handles	-	6.5
ODF1	Manual Tool with fixed O & D dies Fiberglass handles	-	6.0
ODB	Manual Tool with fixed O & D dies. "D" die cavity accepts MD6 tool insert dies Straight Wooden handles	-	-
ODB1	Manual Tool with fixed O & D dies. "D" die cavity accepts MD6 tool insert dies Fiberglass handles	-	6.0
ODB3	Manual Tool with fixed O & D dies. "D" die cavity accepts MD6 tool insert dies Curved Wooden handles	-	6.5
ODH1	Insulating head cover	-	0.40

For Hand Tool with insulated head, add suffix 5 to cat number; e.g. OD585. (refer to pages 39 and 44 for dies)

