

Manual compression tools



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
- Colour-coded die wheel rotates into position for proper die nest adjustment
- Also installs up to green colour-coded C-Taps and MD2 series motor disconnects
- Requires two crimps per connector

Cat no.	Description	Pkg. qty.
TBM45S	Crimp tool with Shure Stake mechanism for #8–#2 copper and #10–#6 aluminum lugs	1

—
02
Crimp-Assist™ foot provides stability when work surface leverage is needed to crimp larger connectors.



01



02

	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	—
	—	54131	54135	54139	54143	—
	—	54132	54136	54140	54145	—
	—	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	—	—	—

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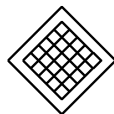


Creates indent-style crimp

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

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



Creates diamond-style crimp

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 (only in TBM5S)
- Include colour-coded, die-code-embossed installation dies

Cat no.	Colour code	Al	Cu	Die cat. no.	Pkg. qty.
TBM5 or TBM5S*	Red	10	8	13454	1
	Blue	8	6	13454	1
	Grey	6	4	13454	1
	Brown	–	2	13454	1
	Green	4	1	13455	1
	Pink	2	1/0	13455	1
	Black	–	2/0	13455	1
	Orange	–	3/0	13455	1
	Purple	–	4/0	13456	1
	Yellow	–	250	13456	1
	Gold	1	–	13457	1
	Tan	1/0	–	13457	1
	Olive	2/0	–	13457	1
	Ruby	3/0	–	13457	1
White	4/0	–	13458	1	

* TBM5S includes shure steak mechanism; TBM5 does not.

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	1

Manual compression tools



TBM6 and TBM6S* crimp tools

- 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 (only in TBM6S)
- Complete with plastic carrying case and wire brush
- No dies included

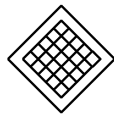
Cat no.	Colour code	Al	Cu	Upper die cat. no.	Lower die cat. no.	Pkg. qty.
TBM6 or TBM6S*	Red	10	8	13475	13477	1
	Blue	8	6	13475	13477	1
	Grey	6	4	13472	13476	1
	Brown	–	2	13474	13477	1
	Green	4	1	13474	13477	1
	Pink	2	1/0	13475	13477	1
	Black	–	2/0	13474	13477	1
	Orange	–	3/0	13474	13477	1
	Purple	–	4/0	13475	13477	1
	Yellow	–	250	13473	13476	1
	Gold	1	–	13474	13477	1
	Tan	1/0	–	13474	13477	1
	Olive	2/0	–	13475	13477	1
	Ruby	3/0	–	13473	13476	1
	White	4/0	–	13473	13476	1
	Red	250	350	13472	13476	1
	Blue	300	400	13472	13476	1
Brown	–	500	13478	13478	1	

* TBM6S includes shure stake mechanism; TBM6 does not.

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	1

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Creates diamond-style crimp

TBM8 and TBM8S* crimp tools

- 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 (only in TBM8S)
- Included dies are colour-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.	Colour code	Al	Cu	Lower die cat. no.	Pkg. qty.
TBM8 or TBM8S*	Red	10	8	13461	1
	Blue	8	6	13461	1
	Grey	6	4	13461	1
	Brown	-	2	13461	1
	Green	4	1	13462	1
	Pink	2	1/0	13462	1
	Black	-	2/0	13462	1
	Orange	-	3/0	13462	1
	Purple	-	4/0	13463	1
	Yellow	-	250	13463	1
	Gold	1	-	13464	1
	Tan	1/0	-	13464	1
	Olive	2/0	-	13464	1
	Ruby	3/0	-	13464	1
	White	4/0	300	13465	1
	Red	250	350	13466	1
	Blue	300	400	13467	1
	Brown	350	500	13468	1

* TBM8S includes shure steak mechanism; TBM8 does not.



TBM840 crimp tool

- Wide range of #8 to 4/0 for copper connectors and splices
- Installs lugs and splices series 54000 and 58000
- 8-position colour-coded rotatable die
- Comfort hand grip
- Die index embossed for permanent inspectability
- Overall length: 23¾ in.
- Handle length: 16½ in.
- Weight: 8.8 lb

Cat no.	Description	Pkg. qty.
TBM840	Crimp tool for #8 to 4/0 copper lugs with rotating colour-coded die wheel	1

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OD series manual compression tool

- 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 reduces 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 in. 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	Weight (lb)
OD58	Manual tool with 5/8 in. nose die and insert die cavity, straight wooden handles	6.5
OD581	Manual tool with 5/8 in. nose die and insert die cavity, straight fiberglass handles	6.0
OD583	Manual tool with 5/8 in. 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 catalogue number; e.g. OD585. Refer to pp. 31–46 for dies.

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UT 3 M installation tool

Nothing to lose – a built-in $\frac{5}{8}$ in. die is precision-cast and installs compression connectors from #8 to 4/0 AWG.

- One stroke of the tool develops full compression
- Ensures proper compression before jaws will release
- Only 2.2 lb

Cat no.	Description
UT 3 M	Installs compression connectors from #8 to 4/0 AWG



UT 3 installation tool and upper dies

Removable, reversible die installs $\frac{1}{2}$ in. and $\frac{5}{8}$ in. compression connectors.

Perform additional installation work. UT3-4 G is a $\frac{1}{2}$ in. and $\frac{5}{8}$ in. gold upper die for ACSR and stranded wire. UT 3-4 R is a $\frac{1}{2}$ in. and $\frac{5}{8}$ in. red upper die for compressed and compact stranded wire

- One stroke of the tool develops full compression
- Only 2.2 lb

Cat no.	Description
Installation tool	
UT 3	Installs compression connectors on ACSR, stranded, compressed and compact stranded
Upper dies	
UT 3-4G	$\frac{1}{2}$ in. and $\frac{5}{8}$ in. gold upper die for ACSR and stranded
UT 3-4R	$\frac{1}{2}$ in. and $\frac{5}{8}$ in. red upper die for compressed and compact stranded