

# Sta-Kon®

## Application Tools



WT110M



WT111M

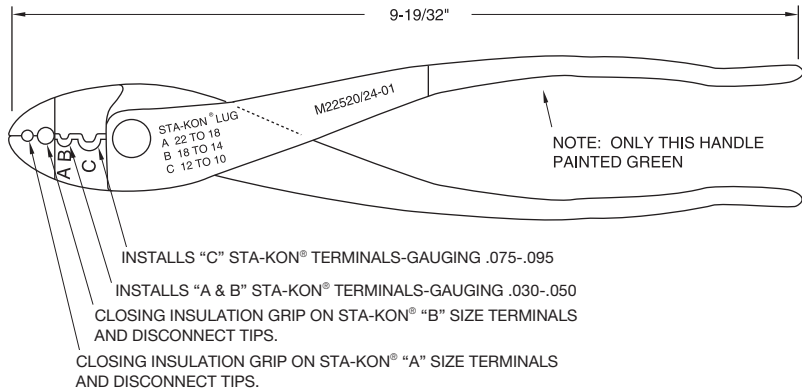


WT112M

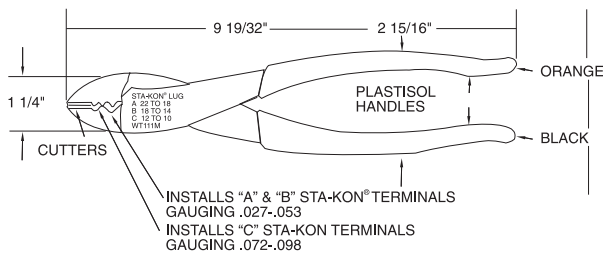
*These tools are designed in a variety of styles—some with wire cutters and strippers—for installation of the various STA-KON terminal series. #22-10 AWG wire range.*

### Plier Type Tools

Cat. No.	Description	Std. Pkg.	Wt. Each
WT110M	A, B, C non-insulated terminal and splices and A, B non-insulated terminals with insulation grip	1	1 lb
WT111M	A, B, C, PT non-insulated terminal and splices	1	1 lb
WT112M	RA, RB, A, B, C, non-insulated and RC insulated nylon and vinyl terminal and splices	1	1 lb



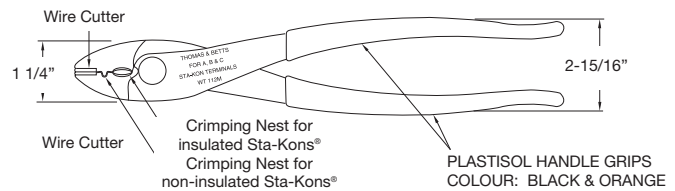
*Installs "C" Sta-Kon® terminals-gauging .075-.095*  
*Installs "A" & "B" Sta-Kon® terminals-gauging .030-.050*  
*Closing Insulation Grip on Sta-Kon® "B" size terminals and disconnect tips.*  
*Closing Insulation Grip on Sta-Kon® "A" size terminals and disconnect tips.*



#### Cutters

*Installs "A" & "B" Sta-Kon® terminals gauging .027-.053.*

*Installs "C" Sta-Kon® terminals gauging .072-.098.*



*Installs insulated and non-insulated Sta-Kon® terminals, splices, disconnects, and wire joints 22-10 AWG.*

# Sta-Kon®

## Application Tools



WT161M

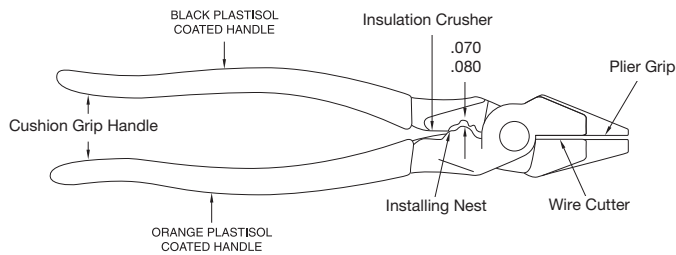


WT2000

*These tools are designed in a variety of styles—some with wire cutters and strippers—for installation of the various STA-KON terminal series. #22-10 AWG wire range.*

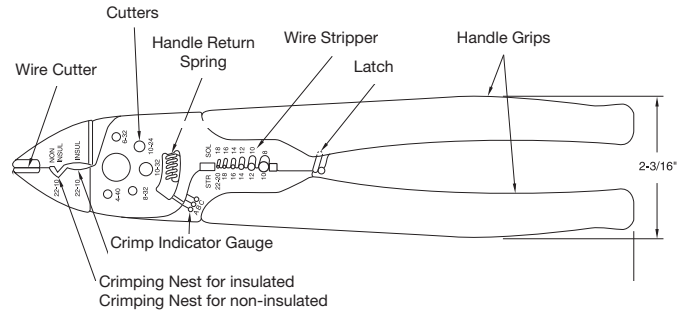
### Plier Type Tools – (Continued)

Cat. No.	Description	Std. Pkg.	Wt. Each
WT161M	A, B, C, PT non-insulated terminal and splices	1	1 lb
WT2000	A, B, C: AB, PT, RA, RB, RC insulated and non-insulated terminal and splices	1	1 lb



WT161M

*Installs "A," "B," and "C" size (#18-#10 wire) Sta-Kon terminals, splices, and wire joints (PT-60M and PT-70).*



WT2000

*Wire Cutter—No. 10 AWG and smaller solid or stranded wire.*

*Crimping Nests—Insulated and non-insulated Sta-Kon terminals, splices and wire joints on No. 22 to No. 10 AWG, solid or stranded wire.*

*Cutters—Chasing feature for screws, sizes 4-40, 6-32, 8-32, 10-24, 10-32.*

*Wire Stripper—Removes most types of insulation from No. 22-10 AWG stranded wire and No. 18-8 AWG solid wire.*

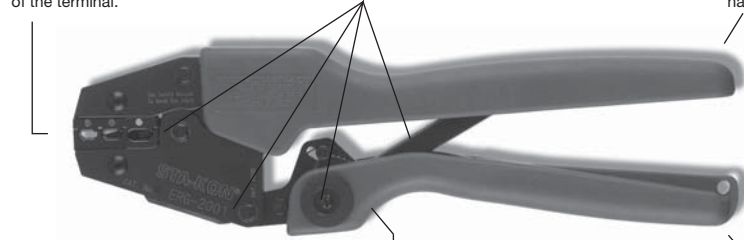
# Sta-Kon®

## Application Tools

For easy visual verification of crimps, integrity dots are embossed on the top and bottom of the terminal.

toggle action increases mechanical gain, which dramatically reduces handle force – and the stress on your hands.

Advanced ergonomic design of handle distributes the force more evenly across the hand.



Colour-coded die nests on both the right and left sides of the tool are included for insulated terminals.

Shure-Stake® mechanism helps to ensure a complete crimp cycle before it releases the tool.

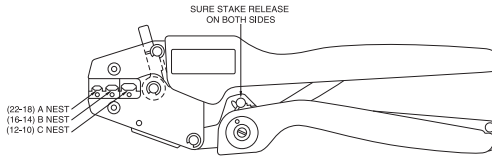
Rubberized thermoplastic handle combines maximum friction with a soft, comfortable feel that reduces muscle tension.



**ERG4001**



**ERG4002**



## Comfort Crimp™ Terminal Tool

### Concerned about safety? Down time? Health care costs?

Thomas & Betts' ergonomically designed Comfort Crimp™ tool helps reduce the risk of Carpal Tunnel Syndrome, the cause of almost one out of every two industrial injuries.

This tool's unique design delivers the same reliable crimp with up to 60% less handle force than other terminal hand tools. So you won't have to sacrifice your hand to make a successful crimp. We've researched the tool components to provide maximum comfort to the operator while assuring a complete crimp.

Just wrap your hands around our Comfort Crimp™ terminal tool. It's such a relief you won't want to handle any other tool ever again.

# Sta-Kon®

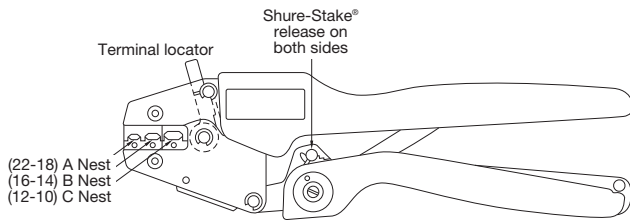
## Application Tools



ERG4001

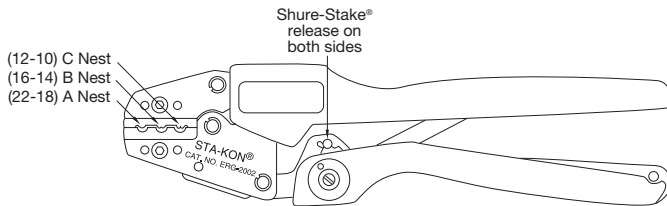


ERG4008



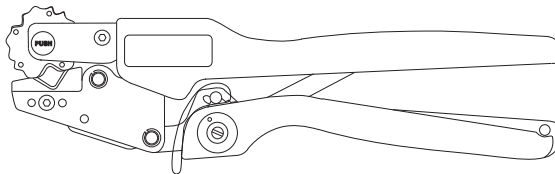
**Installs nylon and vinyl insulated terminals, disconnects, and splices 22-10/22-14 AWG.**

**The force required to release the Shure-Stake® mechanism should be no less than 15 lb.**



**Installs Non-insulated Terminals, Disconnects, and Splices 22 - 10 AWG.**

**The force required to release the Shure-Stake® mechanism should be no less than 15 lb.**



**Installs Non-insulated Terminals #8 AWG - 1/0 AWG.**

**UL Listed crimp per UL standard 486C on tubular D, E, F, G, and H style Sta-Kon® Terminals.**

### Comfort Crimp™ Terminal Tool

Cat. No.	Description	Std. Pkg.
ERG4001	RA, RB, RC Nylon & vinyl terminals, splices & disconnects	1
ERG4002	A, B, C Non-insulated terminals, splices, disconnects	1
ERG4004	C and C Flag terminal AB Flag terminal and A, B, C non-insulated terminals, splices, disconnects	1
ERG4005	B, C, D Non-insulated terminals, splices, (D tubular only)	1
ERG4007	RD & RE Insulated terminals (Except Brazed Seam)	1
ERG4008	Non-insulated terminals #8 AWG - 1/0 AWG	1

### Tool Gaging Requirements\*

Cat. No.	Nest	Gaging Min.-Max.
ERG4001	RA	.100—.106
	RB	.116—.124
	RC	.149—.152
ERG4002	A	.062—.067
	B	.084—.089
	C	.110—.115
ERG4004	AB	.062—.067
	C	.110—.115
ERG4005	B	.082—.090
	C	.117—.125
	D	.145—.153
ERG4007	8 (RED)	.190—.196
	6 (BLUE)	.212—.218
ERG4008	Self-Contained Rotating Die	8AWG - 1/0 AWG

\* Gauges available from T&B Tool Service

#### ERG4001

Nest	Gaging Min.-Max.
Red	.100 - .106
Blue	.116 - .124
Yellow	.149 - .152

#### ERG4002

Nest	Gaging Min.-Max.
A	.062 - .067
B	.084 - .089
C	.110 - .115

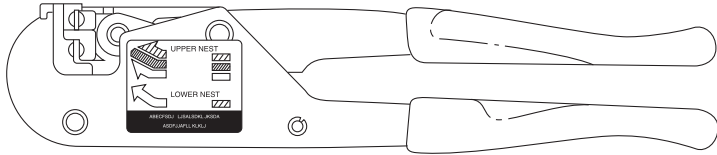
# Sta-Kon®

## Application Tools



### Ratchet Hand Tools

Cat. No.	Description
WT145A	RA, RAX, RB, RBC, RC, RAA, RBB, RBC, RCC nylon terminal

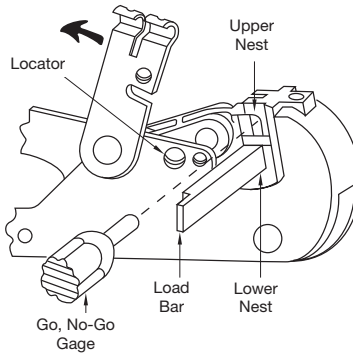


WT145A

Installs RA, RB, RBC, RC nylon terminals.

Correct compression every time—the Shure-Stake® mechanism prevents opening of the handles until full staking action is completed. Installs self-insulated and non-insulated Sta-Kon® terminal series in the #26-10 AWG wire range.

With the “Lower” gage (683-G-398) placed into the rectangular side of the lower nest, the force required to release the Shure-Stake® mechanism should be 10-40 lb.



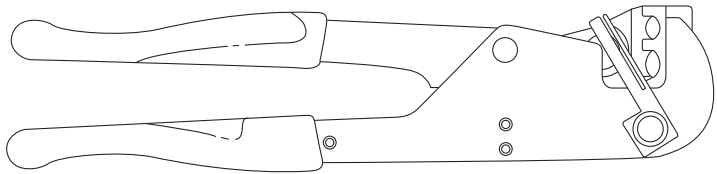
WT145A

Nest	Gaging Min.-Max.
Upper	.097 – .106
Lower	.121 – .128



### Ratchet Hand Tools

Cat. No.	Description
WT145C	RA, RB, RC, RAA, RBB, RCC, RBC nylon and vinyl terminals, splices and disconnects

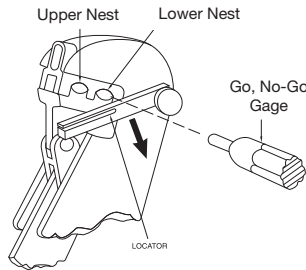


WT145C

Correct compression every time—the Shure-Stake® mechanism principle prevents opening of the handles until full staking action is completed. Installs self-insulated and non-insulated Sta-Kon® terminal series in the #26-10 AWG wire range.

Installs RA, RB, RC nylon terminals, disconnects, splices and RA, RB, RC vinyl terminals, disconnects, splices.

The force required to release the Shure-Stake® mechanism should be 10 lb. minimum.



WT145C

Nest	Gaging Min.-Max.
Upper	.118 – .122
Lower	.169 – .173

# Sta-Kon®

## Application Tools



WT1377

### Installs NW Series Heater Wire Terminals

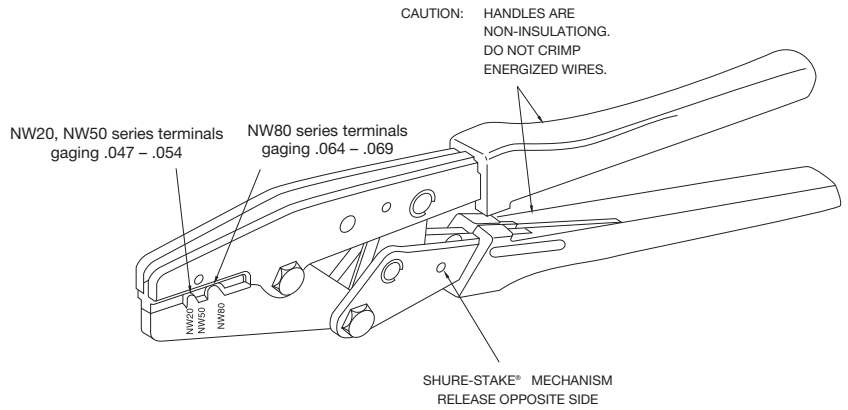
Correct compression every time—the Shure-Stake® mechanism principle prevents opening of the handles until full staking action is completed. Installs self-insulated and non-insulated Sta-Kon® terminal series in the #26-10 AWG wire range.

## Ratchet Hand Tools

Cat. No.	Description	Std. Pkg.
WT1377	NW Ring Terminals	1

Use Front Nest to install NW18 series term., NW20 series term., NW22 series term., NW50 series term.

Use Rear Nest to install NW10 series term., NW14 series term., NW80 series term., 675-14716 series term.

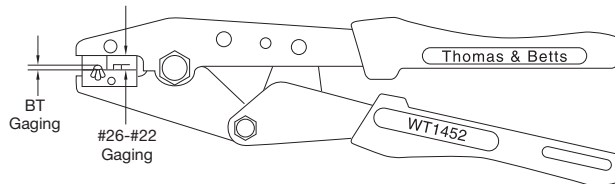


Installs RZ, RV Terminals (26-22 AWG wire) and Splices.

## Ratchet Hand Tools

Cat. No.	Description	Std. Pkg.
WT1452	Installs RZ, RV Terminals/Splices	1

Nest	Min. Gage "Go"	Max. Gage "No-Go"
BT	.039	.049
RZ, RV #26-#22	.063	.073



# Sta-Kon® Application Tools

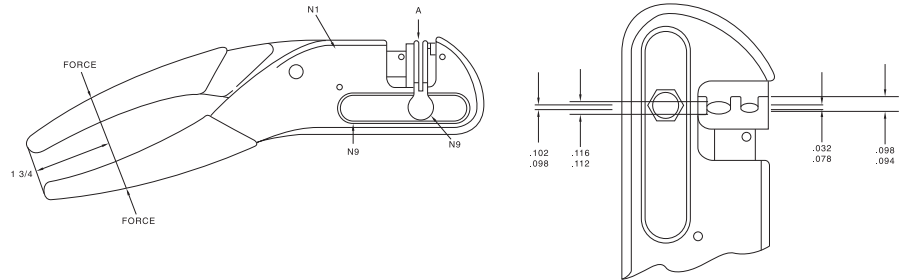


**WT465**

**Installs .110 RA, RB disconnects.**  
**Pre-load requirement: 20-50 lb.**

## Ratchet Hand Tools

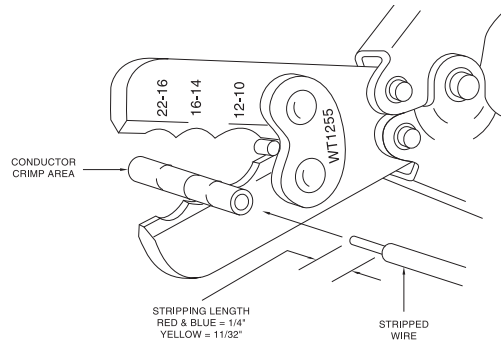
Cat. No.	Description	Std. Pkg.
<b>WT465</b>	RA, RB .110 insulated disconnects	1



## Ratchet Hand Tools

Cat. No.	Description	Std. Pkg.
<b>WT1255</b>	RA, RB, RC Heat Shrinkable nylon insulated terminals, butt splices and disconnects	1

Pre-load 35 to 45 pounds.



**WT1255**

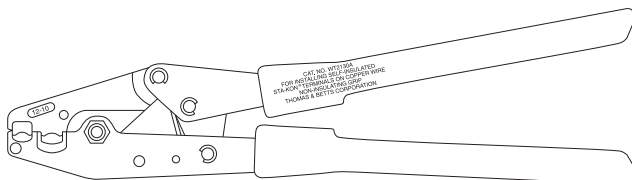
Nest	Gaging
22-18	.098/.086
16-14	.113/.101
12-10	.161/.149



**WT2130A**

**Installs RBC, RC, RD, Sta-Kon® terminals and RC6 and RP7 wire joints.**

**The force required to release the Shure-Stake® mechanism should be 20 lb. minimum.**



## Ratchet Hand Tools

Cat. No.	Description	Std. Pkg.
<b>WT2130A</b>	RC, RBC, and RD insulated terminal #14-#8	1

**WT2130A**

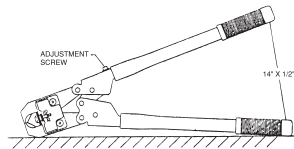
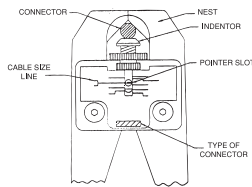
Nest	Gaging Min.-Max.
12-10	.147 - .157
8	.185 - .195

# Sta-Kon®

## Application Tools



WT3185



Installs Thomas & Betts Sta-Kon® terminals series D, E, F, and G.



Installs Thomas & Betts Sta-Kon® terminals series D, E, F, and G flag terminals.

### Ratchet Hand Tools – (Continued)

Cat. No.	For Use With Sta-Kon® Series	Std. Pkg.	Wt. Each
WT3185	For 8 AWG to 250 kcmil non-insulated Sta-Kon® terminals	1	6

### Installation and Gaging Procedure – Adjustable Crimper

#### Gaging Procedure

1. Close the tool jaws until they bottom.
2. Select the side of tool to be gaged (Tubular or Brazed seam)
3. Move indenter until the pointer slot aligns (click) with the selected cable size: For brazed seam connector use 6 AWG. For tubular connectors use 2/0.
4. Gage the crimping area with a suitable pin gage. The gage diameter must fall within .4056010 tubular and .215±.010 for 6 AWG. brazed product.

#### Checking Handle Pre-load

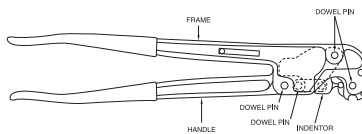
1. Lay the tool on a flat surface as shown in figure 3. Open handle and release it so that it will close of its own weight.
2. Measure the handle spread distance at the inner surface of the handle tips as shown in figure 3.
3. If the distance is 14"±1/2" the tool is adjusted properly. If not, the tool should be adjusted.

#### Pre-load Adjustment Procedure

1. Turn Adjustment screw clockwise to increase handle spread and counterclockwise to decrease handle spread. (refer to figure 3.)

### Toggle Type Hand Tools

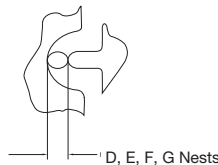
Cat. No.	For Use With Sta-Kon® Series	Std. Pkg.	Wt. Ea.
WT115A	D, E, F, & G non-insulated terminals	1	4



WT115A

### Flag Terminal Type Hand Tool

Cat. No.	Description	Std. Pkg.
WT129	D, E, F, & G non-insulated flag terminals	1



#### WT115A & WT129A

Nest	Gaging
D	.138 ± .005
E	.170 ± .005
F	.192 ± .005
G	.222 ± .005

# Sta-Kon®

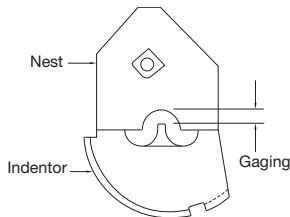
## Application Tools



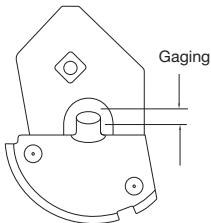
TBM6

Installs D thru M non-insulated terminals and splices, RD thru RM nylon insulated terminals and splices

Close handles until lower die touches upper die. Measure distance between ends of handles. Distance must be 11" min. and 14" max. If it is less than 11" or more than 14", the tool needs adjustment.



Use in installing tool Cat. No. TBM6 and TBM6S

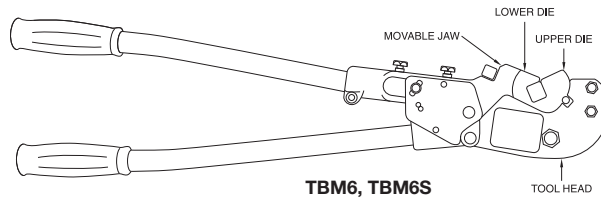


Use in installing tool Cat. No. TBM6 & TBM6S



### Toggle Type Hand Tools

Cat. No.	For Use With Sta-Kon® Series	Std. Pkg.	Wt. Ea.
TBM6	D thru M (Dies not included) RD thru RM	1	9
TBM6S	D thru M (Dies not included) RD thru RM with Shure-Stake®	1	9



TBM6, TBM6S

### Installing Dies for Non-Insulated Code and Aircraft Sta-Kon® Terminals

Cat. No.		Term. Size	Gaging ± .010
Nest Stationary Die	Indentor Movable Die		
11803		D	.152
11803		E (Tubular)	.152
11805		E (Brazed), F (Tubular)	.167
11806	11802	F (Brazed), G	.206
11807		H	.234
11808		J	.272
11809		K	.250
11810		L	.266
11811		M	.312

### Installing Dies for Nylon Insulated Sta-Kon® Terminals TBM6 & TM6S Tool

Cat. No. Die Set	Term. Size	Gaging ± .010
11821	RD	.170
11822	RE	.202
11823	RF	.254
11824	RG	.321
11825	RH	.339
11826	RJ	.370
11827	RK	.382
11828	RL	.456
11829	RM	.554

### TBM60RS Short Handle Ratchet Tool

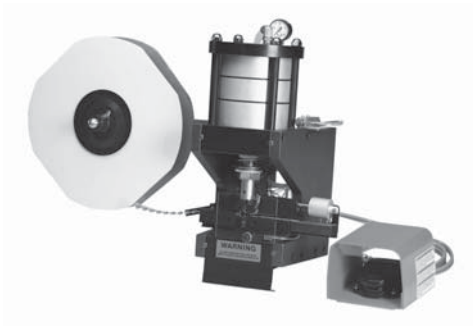
Cat. No.	For Use With Sta-Kon Series	Std. Pkg.	Wt. Ea.
TBM60RS	D thru M (Uninsulated terminals) RD thru RM (Insulated terminals)	1	6

#### Gaging Procedure

1. Ratchet handles until jaws are fully closed.
2. Insert GO, NO-GO gage into nest. GO gage should enter freely. NO-GO gage should not enter.

# Sta-Kon®

## Application Tools



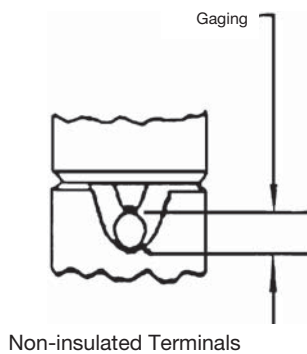
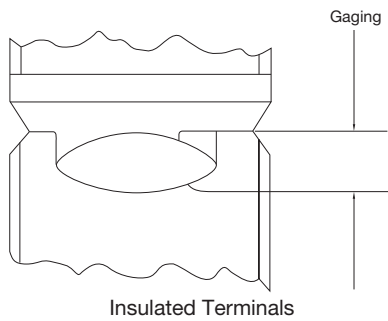
12050

### Safety Features

- Fully guarded foot pedal.
- Dies colour matched to terminals.
- Clear plastic safety guard over die area.
- Automatic tool shut-down when safety guard is removed.
- "Ram UP" emergency switch.

Crimping tape-mounted STA-KON® terminals.

Wire Range – #26 - #10 AWG.



## Shure-Stake® Auto-Feed Tool

Cat. No.	Description	Std. Pkg.
12050	Compact, pneumatically operated unit for crimping tape-mounted STA-KON® terminals; equipped with a Shure-Stake® mechanism which ensures a full compression each time	1

Space Requirement – 30" W x 20" H x 20" D

Weight – 55 lb.

Wire Range – #26 - #10 AWG

Air Pressure 90-125 psi input air supply

### Installing Dies for 12050

Sta-Kon® Terminal Type	AWG Wire Size	Die Cat. No.	Gaging Min.-Max.	Max. Insul. Dia.
RA – Nylon	22-18	12051	.108/.114	.136
RA – Vinyl		12054*	.117/.121	.150
RB – Nylon	16-14	12052	.133/.139	.162
RB – Vinyl		12055*	.122/.126	.170
RC – Nylon and Vinyl Insulated	12-10	12056	.149/.157	.210
A – Non-Insulated	22-18	12057	.061/.068	–
B – Non-Insulated	16-14	12058	.083/.090	–
C – Non-Insulated	12-10	12059	.126/.134	–
C Disconnect, Non-Insul	12-10	12060	.103/.111	–
RV – RZ	26-24	683-54335	.075/.081	–

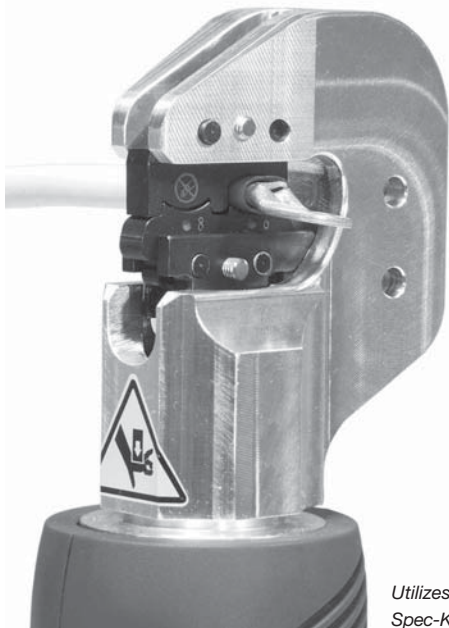
\* Can also be used on nylon.

RA Series requires a 12061 Die.

RB Series requires a 12062 Die.



Easy to handle, it delivers fast and effective crimping power.



Utilizes the exact dies of the Comfort Crimp line of ergonomic tools for Sta-Kon®, Spec-Kon™, and Dragon Tooth™.

## Battery-Powered Crimping Tool BAT22-6

### 1-1/2 Tons of Grip for Less than Three Pounds!

T&B's newest battery-powered tool is fast and portable for making high volume and difficult-to-reach terminal installations in a snap. The Sta-Kon® BAT22-6 delivers 1.5 tons of crimping force with an easy, push-button trigger. The lightweight, ergonomic design minimizes the risk of repetitive motion injuries that can occur with traditional hand crimping tools. And at less than three pounds, one-hand operation is easy while still packing enough power to crimp up to 6 AWG terminals in seconds.

### BAT22-6 Advantages

- **Interchangeable Dies** The BAT22-6 uses the exact dies from the Thomas & Betts Comfort Crimp line of ergonomic tools for Sta-Kon®, Spec-Kon®, and Dragon Tooth® terminals. These can be quickly changed to crimp non-insulated and insulated terminals up to 6 AWG. And because the dies are the same as our hand tools, crimps will be exactly the same between Sta-Kon® hand tools such as our ERG4001 and the new BAT22-6.
- **360° Rotating Head** The BAT22-6 head rotates 360° giving the user the added flexibility when crimping hard-to-reach connections.
- **Short Cycle Time** With crimping times of less than two seconds, this tool brings speed to the workplace. Quick, lightweight and maneuverable, the new BAT22-6 makes installing terminals faster and easier than ever.
- **NiCd Battery Operation** The NiCd battery provides long-lasting battery life to complete up to 150 crimps on a single charge. An extra battery and charger are included with the tool ensuring round-the-clock operation. The battery charger provides full battery life in under sixty minutes.
- **Powerful and Precise** The BAT22-6 tool delivers 1.5 tons of linear crimping force, enough power to crimp up to 6 AWG terminals. The linear crimping motion gives a symmetric, high quality crimp every time.
- **Accessories** Each BAT22-6 tool is equipped with a sturdy, plastic carrying case for using the tool on the move. Case includes two 9.6 Volt NiCd batteries and battery charger along with a sturdy tray for convenient storage of crimp dies.



**Specifications**

Crimping force:	2900 lb. max.
Wire crimping range:	Up to 6 AWG
Crimp cycle time:	2 seconds
Power supply:	9.6 Volt NiCd battery
Recharging time:	1 hour
Number of crimps per charge:	150
Dimensions:	13.25" (340 mm) Length 3.1" (79 mm) Width 2.1" (53 mm) Height
Tool weight (with battery):	2-3/4 lb.

**Sta-Kon® BAT22-6 Ordering Information**

Cat. No.	Description	UPC
<b>BAT22-6</b>	Battery Crimping Tool 1.5 Tons with 120 VAC Charger	78621092214
<b>Crimp Dies*</b>		
<b>DIE2001</b>	Insulated 22-10 AWG Sta-Kon® Terminals	78621092215
<b>DIE2002</b>	Non-insulated 22-10 AWG Sta-Kon® and Spec-Kon® Terminals	78621092216
<b>DIE2005</b>	Non-insulated 16-6 AWG Sta-Kon® Terminals	78621093172
<b>DIE2007</b>	Insulated 8-6 AWG Sta-Kon® Terminals	78621092546
<b>DIE2500</b>	Insulated 22-10 AWG Spec-Kon™ Terminals	78621092217

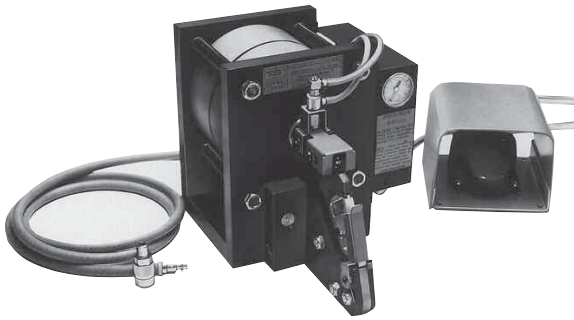
*Tool purchase includes crimping tool, two 9V batteries, charger and case.  
\*Dies sold separately.*



Cat. No.	Description	UPC
<b>BAT-LOCATOR</b>	Terminal locator device	78621093654

# Sta-Kon®

## Application Tools



### Air Operated – Bench Mounted Tools

Cat. No.	Description	Std. Pkg.
25000	This compact heavy duty air tool installs nylon and Fluoropolymer insulated Sta-Kon® terminals on wire sizes from 8 AWG to 250 MCM; non-insulated styles are also installed just as quickly and dependably; to crimp a terminal, you simply insert the stripped wire into the terminal barrel, position it in the crimping nest, and depress the foot pedal actuating the crimping dies – it's that easy	1

#### • Convenience and Economy

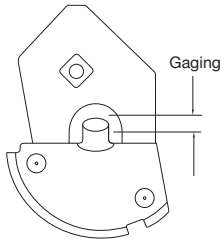
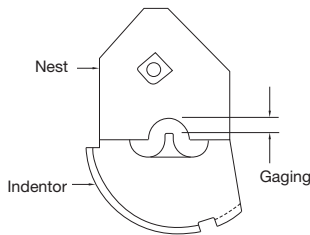
The tool accepts a full range of interchangeable dies, the same as used in the TBM6 or 6S tools. To install the dies, simply pull the spring-loaded pin and remove the indenter die. Then, flex the retaining spring and remove the die nest.

#### • Shure-Stake® Mechanism Means Quality Connections

The Shure-Stake® mechanism senses inlet air pressure, and if insufficient is designed to prevent the tool from cycling. Thus you avoid “undercrimping.” An 85-90 psi air pressure source is required.

#### • Safety Features Increase Productivity, Reduce Downtime

Safety features include a guard over the die area, an air shutdown switch activated by a slight push with the finger, and an enclosed foot pedal designed to prevent unwanted tool operation. In addition, the tool may be bench mounted for stability and control. For convenience when crimping large size terminals on heavy wire, the head assembly may overhang the workbench.



#### Installing Dies for Non-Insulated Code and Aircraft Sta-Kon® Terminals for 25000 tool

Cat. No. Nest Stationary Die	Cat. No. Indentor Movable Die	Term. Size	Gaging ±.010
11803		D	.152
11803		E	.152
11805		F	.167
11806	11802	G	.206
11807		H	.234
11808		J	.272
11809		K	.250
11810		L	.266
11811		M	.312

#### Installing Dies for Nylon Insulated Sta-Kon® Terminals for 25000 tool

Cat. No. Die Set	Term. Size	Gaging ±.010
11821	RD	.170
11822	RE	.202
11823	RF	.254
11824	RG	.321
11825	RH	.339
11826	RJ	.370
11827	RK	.382
11828	RL	.456
11829	RM	.554

# Sta-Kon®

## Application Tools



**BAIR22-6 (13500)**

*STA-KON® terminals, insulated and non-insulated #22 thru #10 wire range.*

### Air Operated – Bench Mounted Tools

Cat. No.	Description	Std. Pkg.
<b>BAIR22-6</b>	Heavy duty, high speed production tool installs a wide range of Sta-Kon® terminals, from 26-10 gauge; uses the 100-1 air tool dies for both non-insulated and insulated terminals; is supplied complete with foot pedal, air hose-air/lubricator	1

### STA-KON® Installing Dies for 13500 Tool, 11901A–11904A

Die Cat. No.	Wire Range	Gaging	Type Crimp	Installs Term. Type
<b>11951</b>	10, 22 AWG	.062/.070, .081/.089, .106/.114	Double Indent	{ A, AA, AIA, B, BB BIB, C, CC, CIC
<b>11958</b>	–	.086/.096	Elliptical	RB4 Wire Joint
<b>11959</b>	–	.112/.120	Elliptical	RC6 Wire Joint
<b>11960</b>	–	.086/.096, 112/.120	Elliptical	RB4, RC6
<b>11994</b>	14, 22 AWG	.105/.109, 125/.129	Elliptical	RB, RB Nylon & Vinyl
<b>11995</b>	10, 12 AWG	.160/.166	Elliptical	RC Nylon & Vinyl



**PAIR22-6 (11903A)**

### Air Hydraulic Tool

Cat. No.	Description
<b>11901A</b>	Closed yoke; hand actuated
<b>11902A</b>	Closed yoke; foot actuated
<b>PAIR22-6</b>	Open "C" yoke; hand actuated
<b>11904A</b>	Open "C" yoke; foot actuated

Cat. Nos. 11902A and 11904A also require two (2) Cat. No. 11913 air hoses and one (1) Cat. No. 11930 foot valve.  
Cat. Nos. 11901A and 11903A require one (1) Cat. No. 11913 air hose.

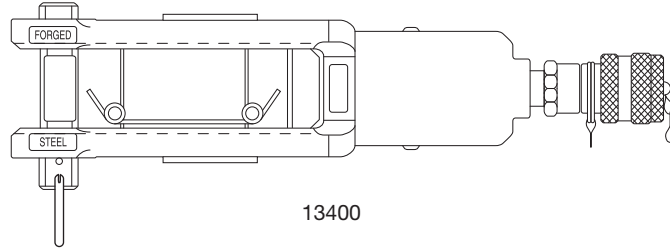
# Sta-Kon®

## Application Tools



### Twelve Ton Crimping Tool

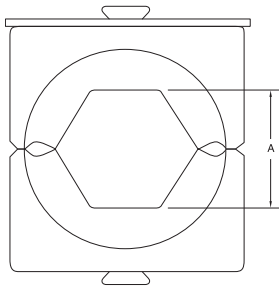
Cat. No.	Description	Std. Pkg.
13400	Twelve ton crimping tool for installing both insulated and noninsulated Sta-Kon® terminals #8 to 250 MCM (dies ordered separately)	1



### Twelve Ton Crimping Tool (Military Spec. MS25441-1)

Cat. No.	Description	Std. Pkg.
13642M	Hydraulic operated 12 to press installs "D" size through "M" size Sta-Kon® terminals on "AN" copper wire	1

13642M



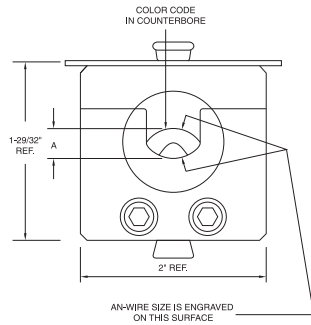
### Hex Dies for 13642M & 13400

Die Cat. No.		Sta-Kon® Size	Wire Size	Hex Die Code	A Gaging
For Tubular Term	For Brazed Seam				
11732	-	D	8	21	.197 ± .005
-	11733			24	.228 ± .005
11733	-	E	6	24	.228 ± .005
-	11734			29	.288 ± .005
11734	-	F	4	29	.288 ± .005
-	11735			33	.332 ± .005
11736	-	G	2-1	37	.376 ± .005
11737	-	H	1/0	42	.415 ± .005
11738	-	J	2/0	45	.453 ± .005
11739	-	K	3/0	50	.500 ± .005
11740	-	L	4/0	54	.544 ± .009
11771	-	M	250 MCM	62	.623 ± .004

### Hex Dies for 13642M (Military Listed)

Die Cat. No.	Sta-Kon® Size	Wire Size	A Gaging
11781M	D	8AN	.208 - .212
11782M	E	6AN	.238 - .242
11783M	F	4AN	.297 - .301
11784M	G	2AN	.375 - .379
11785M	H	1AN	.415 - .419
11786M	J	1/0AN	.454 - .458
11787M	K	2/0AN	.488 - .502
11788M	L	3/0AN	.560 - .564
11789M	M	4/0AN	.616 - .620

# Sta-Kon® Installation Dies



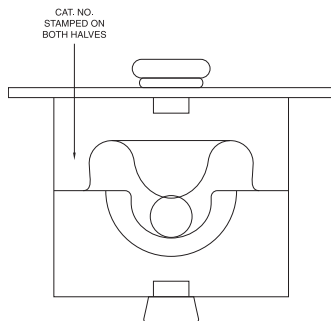
## Installing Dies for Insulated Terminals to fit 13642M (Military Listed)

Cat. No.	A Gaging
21707M	.168 – .172
21708M	.200 – .204
21709M	.252 – .256
21710M	.310 – .314
21711M	.337 – .341
21712M	.368 – .372
21713M	.406 – .402
21714M	.436 – .440
21715M	.471 – .475

## Gaging for Installing Dies Used to Install Flag Type Sta-Kon® Terminals – Use With 13642M & 13400

Nest Cat. No.	Indentor Cat. No.	Sta-Kon® Size	Gage Min.	Gage Max.
21733		8	.147	.153
21734	21731	6	.171	.177
21735		4	.194	.200
21736		2	.262	.269
21737		1	.278	.284
21738	21732	1/0	.309	.315
21739**		2/0	.356	.362
21740**		3/0	.382	.388
21741**		4/0	.434	.440

\*\* Cat. Nos. 21739, 21740 and 21741 dies must be left in 13642 head with 21732 indentor when gaging.



## Nest and Indentor for Installing One Piece – Non-insulated Terminals to Fit 13642M & 13400

Indentor Cat. No.	Nest Cat. No.	A Gaging	Terminal Series
13650	13654	.202-.210	G
13650	13655	.230-.238	H
13650	13656	.268-.276	J
13650	13657	.246-.254	K
13650	13658	.262-.270	L
13650	13659	.308-.316	M

## Nest and Indentors for Installing Sta-Kon® Brazed Seam Type Non-insulated Terminals to Fit 13642M & 13400

Nest Cat. No.	Indent. Cat. No.	Sta-Kon® Size	Code Wire	Dia.
13643		D	8	.153/.161
13644	13650	E	6	.183/.191
13645		F	4	.214/.222



13810A



13610A

## Electric Hydraulic Pump

Cat. No.	Description	Std. Pkg.
13810A	Electric hydraulic pump, 10000 psi with Shure-Stake® mechanism feature; this is a heavy duty OEM pump with high flow rate; 115V, 60Hz, 1 1/4 HP, 23 Amps; requires hand or foot control	1
13611	Hand Switch for 13810A	1
13612	Foot Switch for 13810A	1
13613	High Pressure, steel reinforced hydraulic hose; 6 ft.	1
13614	High Pressure, steel reinforced hydraulic hose; 10 ft.	1
13619	High Pressure, plastic hydraulic hose; 10 ft.	1

**13600** This electric hydraulic pump is for use with all T&B hydraulic heads – consists of pump with pressure gage and Pioneer type male coupler; add suffix **WG** to eliminate gage; output pressure 9800 PSI; order switch and hose separately

**13620** Hand Switch – 10 ft

**13589A** Foot Switch – 10 ft

**13619** 10 ft. Non Metallic Hose

**13618** 20 ft. Non Metallic Hose

A remote control switch is required. Order Cat. No. 13620 for hand operation or Cat. No. 13589A for foot operation.

All pumps are supplied with a metal carrying case.

**13610A** Shure-Stake® electric hydraulic pump has same features as 13600, but includes the Shure-Stake® control mechanism; prevents under crimping; (pump pressure must reach 9,800 psi before recycling); requires hand or foot control; order switch and hose separately

**13611** Hand Switch – 10 ft

**13612** Foot Switch – 10 ft

**13797** In line hydraulic pressure inspection gage with male and female pioneer type coupler

A remote control switch is required to operate this unit. Use either a #13611 (hand) or #13612 (foot) switch.



# Sta-Kon®

## Tool Charts

Description	Term.	Terminal	Hand Tool With Dies	25000 Air Tool TBM6 – Toggle Hand Tool TBM6S – Toggle Hand Tool Die Cat. Nos.		Hex Dies	13642M (MS25441-1) and 13400 Hydraulic Tool	
				Nest (Stationary)	Indenter (Movable)		Nest	Indenter
Non-Insulated Terminals and Splices	D	Tubular	ERG4005 WT3185	11803	11802	11781M* 11732	13651	13650**
		Brazed	WT3185			11733	13652	
	E	Tubular	WT3185	11805		11733 11782M*	13652	
		Brazed	WT3185			11734	13653	
	F	Tubular	WT3185	11806		11734 11783M*	13653	
		Brazed	WT3185			11735 11784M*/11736	13645	
	G	Tubular	WT3185	11807		11785M* 11737	13654	
	H	Tubular	WT3185	11808		11786M* 11738	13655	
	J	Tubular	WT3185	11809		11787M* 11739	13656	
	K	Tubular		11810		11788M* 11740	13657	
	L	Tubular		11811		11789M* 11771	13658	
	M	Tubular					13659	
	Fluoropolymer Nylon Insulated Terminals and Splices	RD	Tubular	ERG4007		11821 (Set)		
Brazed				11822 (Set)		21708M* (Set)		
RE		Tubular	ERG4007	11823 (Set)		21709M* (Set)		
		Brazed		11824 (Set)		21710M* (Set)		
RF		Tubular		11825 (Set)		21711M* (Set)		
RG		Tubular		11826 (Set)		21712M* (Set)		
RH		Tubular		11827 (Set)		21713M* (Set)		
RJ		Tubular		11828 (Set)		21714M* (Set)		
RK		Tubular		11829 (Set)		21715M* (Set)		
RL	Tubular							
RM	Tubular							
Non-Insulated Flag Terminals	D		WT129			21733	I N D E N T O R	21731
	E		WT129			21734		
	F		WT129			21735		
	G		WT129			21736		
	H					21737		
	J					21738		
	K					21739		
	L					21740		
M					21741			

\* Indicates military listed die.

\*\* To order the military version suffix the indenter catalogue number with an **M** (13650M). Nest catalogue number does not change.

### Stud Size and Clearance Hole Chart

Stud Size	2	4	6	8	10	1/4	5/16	3/8	7/16	1/2	5/8	3/4
Min. hole diam. – in.	0.92	.116	.143	.169	.196	.262	.323	.388	.453	.516	.650	.775
Min. hole diam. – mm.	2.337	2.946	3.632	4.292	4.978	6.655	8.204	9.855	11.506	13.106	16.510	19.685