Overview

Sta-Kon® Ring, Fork and Locking Fork
- Complete line of installing tools engineered to match tool with terminal
- First to gain military approval for pressure connections … many styles available for military applications
- Sta-Kon® products exceed test specification requirements of military, UL and CSA
- Fluoropolymer and Nylon Terminals provided with extra metal sleeve to grip insulation
- Vinyl insulated and bare Sta-Kon® terminals feature brazed seam wire barrels which can be crimped at any place on the barrel circumference
- Ring and Fork terminals can be used with solid wire as follows:
  Non-Insulated: 22-8 gauge
  Insulated: 22-10 gauge

ERG4001

Sta-Kon® Disconnects
- Internal barrel serrations and long barrel provide for maximum tensile strength
- Complete line of installing tools, engineered to match tool with terminal
- Funnel entry insulators allow for easier inserting of wire into barrel
- Colour-coded for easy installation

The Shure-Stake® Tools are Matched to Terminals
The Shure-Stake® mechanism prevents the dies from releasing the terminal until the proper compression has been completed. With this method, an operator achieves a reliable crimp everytime. Thomas & Betts' tooling techniques correctly match tools, wire size and terminal to produce optimum mechanical and electrical performance.

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Overview

Thomas & Betts is pleased to announce that Sta-Kon® RA, RB and RC insulated quick disconnect products are now UL Listed at 600 volts.

Sta-Kon® Technical Data

Terminals & Splices Insulation Rating	UL 94 Flammability	Voltage	Temperature
Nylon	V-2	600V	105ºC
Vinyl	V-0		
TEFZEL®	V-0		
Disconnects (non-insulated)		300V	

TEFZEL® is a registered trademark of DuPont.

The Sta-Kon® Terminals Numbering System

Distributor Package 100/50
Bulk "O.E.M." Packaged 1000/500

Common to Both Packages
• Letter **A** denotes 22-18 AWG wire range = Red
• Letter **B** denotes 16-14 AWG wire range = Blue
• Letter **C** denotes 26-22 AWG, 12-10 AWG wire range = Yellow
• Letter **R** preceding the above letters indicates the terminal is insulated
• No letter **R**… no insulation … no exception!

Distributor Packaged
Part numbers are very descriptive indicating insulation and type, stud size, tongue style and the largest maximum wire that can be put inside.

• If the letter **R precedes** the number, the part is nylon insulated – RA18-6
• If the letter **R follows** the number, the part is vinyl insulated – 14RB-8

EXAMPLE: 10RC-8F
C – Indicates 12-10 AWG
10RC – Vinyl Insulated
8 – Indicates stud size
F – Means a fork tongue terminal
FL – Would indicate locking fork

EXAMPLE: 2RA18X
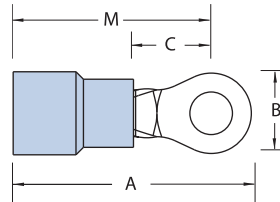2 – Indicates a 2 way or butt style connector
X – Means expanded insulation

Ring Terminals

- Complete line of installing tools engineered to match tool with terminal
- First to gain military approval for pressure connections… many styles available for military applications
- Sta-Kon® products exceed test specification requirements of military, UL and CSA
- Include extra metal sleeve to grip insulation
- Vinyl insulated and bare Sta-Kon® terminals feature brazed seam wire barrels that can be crimped at any place on the barrel circumference
- Can be installed with crimping tools having a single indentor or double indentor (recommended for solid wire)
- Serrated barrel increases grip on wire
- Wire range identification on the tongue of each terminal
- Constructed of electrolytic copper for high conductivity

Nylon-Insulated Ring Terminals

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins. (in.)	Bolt Hole	Rec. Tool	Dimensions (in.)				Stock Thick. (in.)
						A	B	C	M	
RZ22-2**	100	26–22	0.083	#2	ERG4006	0.57	0.14	0.13	0.49	0.02
RZ22-4**	100	26–22	0.083	#4		0.65	0.21	0.20	0.54	
RZ22-6**	100	26–22	0.083	#6		0.65	0.21	0.20	0.54	
RZ22-8**	100	26–22	0.083	#8		0.75	0.25	0.23	0.62	
RZ22-10**	100	26–22	0.083	#10		0.75	0.25	0.23	0.62	
RAX23*	1,000	26–24	0.125	#2	WT145A	0.66	0.14	0.14	0.59	
RAX43*	1,000	26–24	0.125	#4		0.74	0.20	0.19	0.64	
RAX63*	1,000	26–24	0.125	#6		0.84	0.25	0.22	0.72	
RAX83*	1,000	26–24	0.125	#8		0.84	0.25	0.22	0.72	
RAX103*	1,000	26–24	0.125	#10		0.84	0.25	0.24	0.72	
RA18-4	100	22–16	0.136	#4	ERG4001	0.72	0.23	0.14	0.59	0.03
RA323	1,000	22–16	0.136	#4		0.72	0.23	0.14	0.59	
RA333	1,000	22–16	0.136	#6		0.72	0.23	0.14	0.59	
RA18-6	100	22–16	0.136	#6		0.86	0.26	0.25	0.71	

Cat. No.	Pkg. Qty.	Wire Range	Max. Ins. (in.)	Bolt Hole	Rec. Tool	Dimensions (in.)				Stock Thick. (in.)
						A	B	C	M	
RA853	1,000	22–16	0.136	#6	WT145A	0.86	0.26	0.25	0.71	.03
RA18-8	100			#8		0.89	0.26	0.25	0.71	
RA833	1,000			#8		0.86	0.26	0.25	0.71	
RA863	1,000			#8		0.89	0.26	0.25	0.71	
RA18-10	100			#10		0.89	0.31	0.25	0.71	
RA873	1,000			#10		0.89	0.31	0.25	0.71	
RA18-14	100			1⁄4 in.		1.10	0.46	0.31	0.84	
RA713	1,000			1⁄4 in.		1.10	0.46	0.31	0.84	
RA18-516	100			5⁄16 in.		1.10	0.46	0.31	0.84	
RA723	1,000			5⁄16 in.	ERG4001	1.10	0.46	0.31	0.84	.03
RA18-38	100			3⁄8 in.		1.20	0.53	0.35	0.87	
RA733	1,000			3⁄8 in.		1.20	0.53	0.35	0.87	
RA18-12	100			1⁄2 in.		1.30	0.72	0.50	0.92	
RA753	1,000			1⁄2 in.		1.30	0.72	0.50	0.92	

* Not listed by UL or CSA
** CSA Certified only
Most standard bulk catalogue numbers can be put on Mylar Tape for reel feed applications (i.e. 12050 tool and application). Please put the suffix M for Mylar tape i.e. RA2573M.

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