



SKN Products, LLC

INDUSTRIAL PRODUCTS – WE WHOLESALe, YOU DISTRIBUTE

CONNECTORS

WIRE NUT CONNECTORS

WING WIRE NUT CONNECTORS

CLOSED END CONNECTORS

NON-INSULATED BUTT CONNECTORS

VINYL INSULATED BUTT CONNECTORS

NYLON INSULATED BUTT CONNECTORS

HEAT SHRINK INSULATED BUTT CONNECTORS

HEAT SHRINK INSULATED SOLDER BUTT CONNECTORS

QUICK SPLICE CONNECTORS

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**CATALOG
2024**



SELECTION GUIDE OF SKN CONNECTORS



Wire Nut Connectors



Wing Wire Nut Connectors



Closed End Connectors



**Non-insulated
Butt Connectors (Seamless)**



**Vinyl Insulated
Butt Connectors (Butted Seam)**



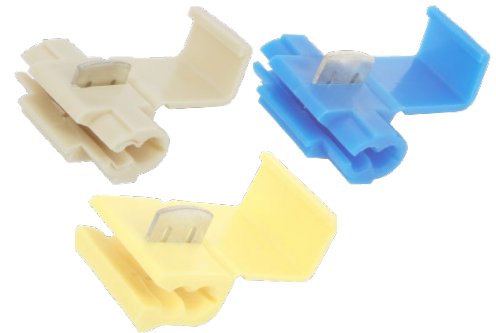
**Nylon Insulated
Butt Connectors (Seamless)**



**Heat Shrink Insulated
Butt Connectors (Seamless)**



**Heat Shrink Insulated
Solder Butt Connectors**



Quick Splice Connectors

SELECTION GUIDE OF WIRE NUT CONNECTORS

Product Numbers of SKN Wire Nut Connectors

Product Number		Insulation Color	Wire Range (AWG)	Minimum Capacity (AWG)	Maximum Capacity (AWG)
300V	600V				
WN71		Grey	22-16	2*22	3*16
WN72		Blue	22-14	1*18 & 1*20	4*16 & 1*20
	WN73	Orange		1*18 & 1*20	4*16 & 1*20
	WN74	Yellow	18-12	2*18	4*14 & 1*18
	WN76	Red	18-10	2*14	2*10 & 2*12

SELECTION GUIDE OF WING WIRE NUT CONNECTORS

Product Numbers of SKN Wing Wire Nut Connectors

Product Number	Insulation Color	Wire Range (AWG)	Minimum Capacity (AWG)	Maximum Capacity (AWG)
600V				
WNW51	Yellow	22-14	2*16	4*14 & 1*18
WNW52	Red		2*14	4*12

SELECTION GUIDE OF CLOSED END CONNECTORS

Product Numbers of SKN Closed End Connectors

Product Number	Wire Range (AWG)	Maximum Temperature
CCEC8A	22-16	221°F (105°C)
CCEC8B	22-14	
CCEC8C	22-10	
CCEC8E	22-8	

SELECTION GUIDE OF BUTT CONNECTORS

Product Numbers of SKN Non-insulated Butt Connectors (Seamless Tube, Tin Plated)

Product Number	Wire Range (AWG)	Maximum Temperature
B7A	22-18	221°F (105°C)
B7B	16-14	
B7C	12-10	
B7E	8	
B7F	6	
B7G	4	302°F (150°C)
B7H	2	
B7J	1/0	
B7K	2/0	347°F (175°C)
B7L	3/0	
B7M	4/0	

Product Numbers of SKN Vinyl Insulated Butt Connectors (Butted Seam)

Product Number	Insulation Color	Wire Range (AWG)	Maximum Temperature
B4A	Red	22-18	167°F (75°C)
B4B	Blue	16-14	
B4C	Yellow	12-10	

Product Numbers of SKN Vinyl Insulated Butt Connectors (Brazed Seam)

Product Number	Insulation Color	Wire Range (AWG)	Maximum Temperature
B4E	Red	8	221°F (105°C)
B4F	Blue	6	
B4G	Yellow	4	

Product Numbers of SKN Nylon Insulated Butt Connectors (Seamless Tube)

Product Number	Insulation Color	Wire Range (AWG)	Maximum Temperature
B8AL	Red	22-18	221°F (105°C)
B8BL	Blue	16-14	
B8CL	Yellow	12-10	

Product Numbers of SKN Heat Shrink Insulated Butt Connectors (Seamless Tube)

Product Number	Insulation Color	Wire Range (AWG)	Maximum Temperature
B8SHS	White	26-24	221°F (105°C)
B8AHS	Red	22-18	
B8BHS	Blue	16-14	
B8CHS	Yellow	12-10	
B8EHS	Red	8	

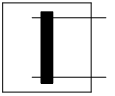
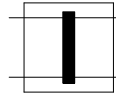
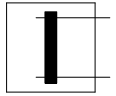
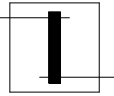
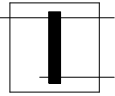
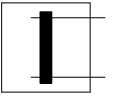
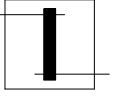
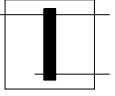
Product Numbers of SKN Heat Shrink Insulated Solder Butt Connectors

Product Number	Insulation Color	Wire Range (AWG)	Maximum Temperature
B8SSHS	White	26-24	257°F (125°C)
B8ASHS	Red	22-18	
B8BSHS	Blue	16-14	
B8CSHS	Yellow	12-10	

SELECTION GUIDE OF QUICK SPLICE CONNECTORS

Product Numbers of SKN Non-insulated Butt Connectors (Seamless, Tin Plated)

Product Number	Vinyl Color	Wire Range (AWG)	Wire Stop
SL14T	Beige	18-14	NO
SL14T6	Blue		YES
SLYT	Yellow	12-10	YES

Connection							
SL14T		SL14T6			SLYT		
							
Pigtail	Inline	Pigtail	Inline	Tap	Pigtail	Inline	Tap

FEATURES OF WIRE NUT CONNECTORS

- UL listed
- Polyvinyl insulated
- Steel plated on wire spring insert material
- Ease of wire insertion with threaded entry shell
- Deep and wide skirt for maximum dielectric protection
- Ease of gripping with wire spring creating its own threads
- Wire range indicated by industry standard color coding
- Maximum temperature 221°F (105°C)
- Maximum voltage 300V and 600V, respectively



For Copper Wire only

FEATURES OF WING WIRE NUT CONNECTORS

- UL listed
- Polyvinyl insulated
- Steel plated on wire spring insert material
- Ease of wire insertion with threaded entry shell
- Deep and wide skirt for maximum dielectric protection
- Ease of gripping with wire spring creating its own threads
- Wire range indicated by industry standard color coding
- Maximum temperature 221°F (105°C)
- Maximum voltage 600V



For Copper Wire only

FEATURES OF CLOSED END CONNECTORS

- UL listed
- RoHS
- Nylon insulated
- Tin plated copper sleeves inserted
- Maximum temperature 221°F (105°C)
- Maximum voltage 600V



For Copper Wire only

FEATURES OF NON-INSULATED BUTT CONNECTORS

- UL listed
- Electro tin plated
- Manufactured from electrolytic copper seamless tube
- Ease of wire insertion with chamfered barrel
- Wire stop for wire positioning built on the middle of the butt connectors
- Maximum temperature 221°F (105°C), 302°F (150°C) and 347°F (175°C), respectively
- Maximum voltage 600V



For Copper Wire only

FEATURES OF VINYL INSULATED BUTT CONNECTORS

- Polyvinyl insulated
- Manufactured from electrolytic copper
- Electro tin plated for copper parts
- Butted seam (22 through 10 ga)
- Brazed seam (8 through 4 ga)
- Ease of wire insertion with beveled mouth entry and flared barrel mouth
- Wire stop for wire positioning built on the middle of the butt connectors
- Wire range indicated by industry standard color coding
- Maximum temperature 167°F (75°C) and 221°F (105°C), respectively
- Maximum voltage 300V

For Copper Wire only

FEATURES OF NYLON INSULATED BUTT CONNECTORS

- UL listed
- Nylon insulated
- Manufactured from electrolytic copper seamless tube
- Electro tin plated for copper parts
- Ease of wire insertion with chamfered barrel and funnel barrel construction
- Wire stop for wire positioning built on the middle of the butt connectors
- Wire range indicated by industry standard color coding
- Maximum temperature 221°F (105°C)
- Maximum voltage 600V



For Copper Wire only

FEATURES OF HEAT SHRINK INSULATED BUTT CONNECTORS

- UL listed
- Translucent dual wall polyolefin shrinkable tubing with meltable liner insulated
- Manufactured from electrolytic copper seamless tube
- Electro tin plated for copper parts
- Ease of wire insertion with chamfered barrel
- Wire stop for wire positioning built on the middle of the butt connectors
- Wire range indicated by industry standard color coding
- Shrink ratio 3:1
- Maximum temperature 221°F (105°C)
- Minimum shrink temperature 230°F (110°C)
- Maximum voltage 600V



For Copper Wire only

FEATURES OF HEAT SHRINK INSULATED SOLDER BUTT CONNECTORS

- **Translucent sleeves providing visual inspection**
- **Waterproof for wiring splices**
- **Ease of soldering process**
- **Wire range indicated by industry standard color coding**
- **Shrink ratio 2:1**
- **Maximum temperature 257°F (125°C)**
- **Minimum shrink temperature 284°F (140°C)**
- **Maximum voltage 600V**

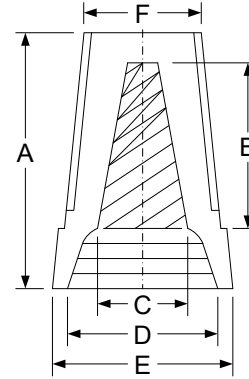
For Copper Wire only

FEATURES OF QUICK SPLICE CONNECTORS

- **Polyvinyl housings**
- **Metal inserts made with brass with electro tin plate**
- **Maximum temperature 167°F (75°C)**
- **Maximum voltage 300V**

For Copper Wire only

SPECIFICATIONS OF WIRE NUT CONNECTORS



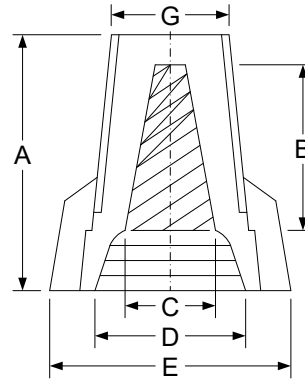
- All wire nut connectors are UL listed.
- All wire nut connectors are polyvinyl insulated.
- Wire spring insert material is steel plated.
- Maximum temperature is 221°F (105°C).



Product Number	Vinyl Color	Wire Range (AWG)	Min. Capacity (AWG)	Max. Capacity (AWG)	Voltage Rating	A	B	C	D	E	F	Strip Length
WN71	Grey	22-16	2*22	3*16	300V	0.593"	0.340"	0.091"	0.254"	0.350"	0.231"	0.500"
WN72	Blue	22-14	1*18 & 1*20	4*16 & 1*20		0.694"	0.430"	0.112"	0.276"	0.387"	0.276"	
WN73	Orange				0.862"	0.479"	0.127"	0.378"	0.492"	0.342"		
WN74	Yellow	18-12	2*18	4*14 & 1*18	600V	0.956"	0.492"	0.180"	0.426"	0.544"	0.396"	
WN76	Red	18-10	2*14	2*10 & 2*12		1.022"	0.566"	0.210"	0.513"	0.628"	0.455"	0.750"

** All dimensions in inches*

SPECIFICATIONS OF WING WIRE NUT CONNECTORS



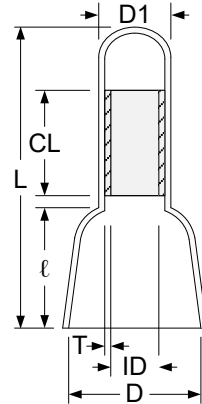
- All wing wire nut Connectors are UL listed.
- All wing wire nut Connectors are polyvinyl insulated.
- Wire spring insert material is steel plated.
- Maximum temperature is 221°F (105°C).



Product Number	Vinyl Color	Wire Range (AWG)	Min. Capacity (AWG)	Max. Capacity (AWG)	Voltage Rating	A	B	C	D	E	F	Strip Length
WNW51	Yellow	22-14	2*16	4*14 & 1*18	600V	1.000"	0.569"	0.236"	0.380"	0.686"	0.342"	0.500"
WNW52	Red		2*14	4*12		1.207"	0.735"	0.334"	0.492"	0.880"	0.367"	0.750"

* All dimensions in inches

SPECIFICATIONS OF CLOSED END CONNECTORS



- All closed end connectors are UL listed
- All closed end connectors are with RoHS
- All closed end connectors are nylon insulated
- Tin plated copper sleeves are inserted.
- Maximum temperature is 221°F (105°C).

Product



Product Number	Wire Range (AWG)	Voltage Rating	ID	D	D1	L	ℓ	CL	T
CCEC8A	22-16	600V	0.102"	0.307"	0.201"	0.760"	0.299"	0.268"	0.015"
CCEC8B	22-14		0.130"	0.311"	0.220"	0.795"	0.335"	0.268"	0.013"
CCEC8C	22-10		0.169"	0.413"	0.283"	0.972"	0.441"	0.307"	0.024"
CCEC8E	22-8		0.205"	0.480"	0.362"	1.075"	0.512"	0.346"	0.033"

** All dimensions in inches*

RECOMMENDED TOOLS FOR CLOSED END CONNECTORS



Eclipse Luner Series Ratcheted Crimper
Product Number: 300-141



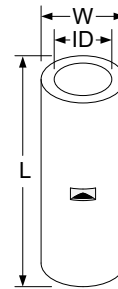
Eclipse Round Cable Cutter
Product Number: 200-046



Eclipse Wire Stripping Tool
Product Number: 200-003

RECOMMENDED TOOLS FOR CLOSED END CONNECTORS			
ALL CLOSED END CONNECTORS	Crimp Tool	Wire Cutter	Wire Stripper
	300-141	200-046	200-003

**SPECIFICATIONS OF NON-INSULATED BUTT CONNECTORS
(SEAMLESS TUBE)**



- All non-insulated butt connectors are UL listed.
- All non-insulated butt connectors are seamless.
- Wire stop for wire positioning is built on the middle of each butt connector.
- Maximum voltage is 600V.



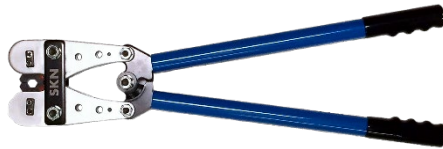
Product Number	Wire Range (AWG)	Max. Temp.	Length	Barrel I.D.	Width	Barrel Length	Funnel Barrel Width	Strip Length	Copper Thickness	Wire Insulation diameter
			L	ID	W					Φ
B7A	22-18	221°F (105°C)	0.618"	0.063"	0.126"	0.282"	0.070"	0.282"	0.032"	0.025" - 0.040"
B7B	16-14		0.664"	0.094"	0.157"	0.305"	0.100"	0.305"		0.051" - 0.064"
B7C	12-10		0.827"	0.133"	0.212"	0.386"	0.141"	0.386"	0.081" - 0.102"	
B7E	8		0.830"	0.182"	0.276"	0.388"	0.190"	0.388"	0.128" - 0.144"	
B7F	6		1.022"	0.236"	0.350"	0.481"	0.246"	0.481"	0.162" - 0.182"	
B7G	4	302°F (150°C)	1.147"	0.292"	0.437"	0.537"	0.303"	0.537"	0.073"	0.204"
B7H	2		1.260"	0.367"	0.516"	0.593"	0.378"	0.593"		0.258"
B7J	1/0		1.423"	0.448"	0.602"	0.675"	0.459"	0.675"	0.324"	
B7K	2/0	347°F (175°C)	1.463"	0.524"	0.688"	0.694"	0.534"	0.694"	0.082"	0.364"
B7L	3/0		1.487"	0.562"	0.757"	0.706"	0.572"	0.706"	0.098"	0.409"
B7M	4/0		1.560"	0.649"	0.865"	0.743"	0.662"	0.743"	0.108"	0.460"

** All dimensions in inches*

**RECOMMENDED TOOLS FOR NON-INSULATED BUTT CONNECTORS
(SEAMLESS TUBE)**



Non-insulated Terminal Crimper
Product Number: 300-055



Heavy Duty Handheld Hexagon Crimper
Product Number: RC408SKN



Round Cable Cutter
Product Number: 200-046



Heavy Duty Cable Cutter
Product Number: 200-006



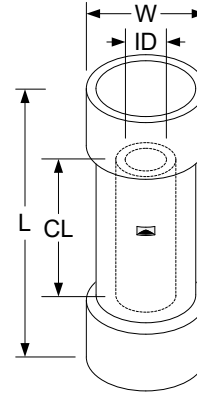
Wire Stripping Tool
Product Number: 200-003



Rotary Cable Slitter
Product Number: 200-009

RECOMMENDED TOOLS FOR NON-INSULATED BUTT CONNECTORS			
Product Number	Crimp Tool	Wire Cutter	Wire Stripper
B7A - B7C	300-055	200-046	200-003
B7E - B7F	300-055	200-006	200-009
B7G - B7M	RC408SKN	200-006	200-009

SPECIFICATIONS OF VINYL INSULATED BUTT CONNECTORS



- Copper parts inserted in all vinyl insulated butt connectors are tin plated.
- Vinyl insulated butt connectors (22 through 10 ga) are with butted seam
- Vinyl insulated butt connectors (8 through 4 ga) are with brazed seam.
- Wire stop for wire positioning is built on the middle of each butt connector.
- Maximum voltage is 300V.

Product Number	Vinyl Color	Seaming	Wire Range (AWG)	Max. Temp.	Copper Length	Barrel I.D.	Vinyl Length	Vinyl Width	Barrel Length	Copper Thickness	Strip Length
					CL	ID	L	W			
B4A	Red	Butted Seam	22-18	167°F (75°C)	0.618"	0.063"	1.040"	0.173"	0.282"	0.032"	0.250"
B4B	Blue		16-14		0.664"	0.094"	0.984"	0.185"	0.305"		
B4C	Yellow		12-10		0.566"	0.133"	1.050"	0.268"	0.386"		
B4E	Red	Brazed Seam	8	221°F (105°C)	0.830"	0.182"	1.644"	0.320"	0.388"	0.047"	0.500"
B4F	Blue		6		1.022"	0.236"	1.775"	0.386"	0.481"	0.057"	
B4G	Yellow		4		1.142"	0.307"	2.067"	0.614"	0.512"	0.069"	

** All dimensions in inches*

RECOMMENDED TOOLS FOR VINYL INSULATED BUTT CONNECTORS



Eclipse Luner Series Ratcheted Crimper
Product Number: 300-141



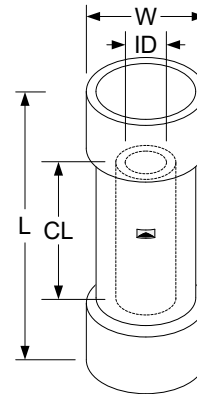
Eclipse Round Cable Cutter
Product Number: 200-046



Eclipse Wire Stripping Tool
Product Number: 200-003

RECOMMENDED TOOLS FOR VINYL INSULATED BUTT CONNECTORS			
ALL VINYL INSULATED BUTT CONNECTORS	Crimp Tool	Wire Cutter	Wire Stripper
		300-141	200-046

SPECIFICATIONS OF NYLON INSULATED BUTT CONNECTORS (SEAMLESS TUBE)



- All nylon insulated butt connectors are UL listed.
- All copper parts inserted in all nylon insulated butt connectors are tin plated.
- All nylon insulated butt connectors are seamless.
- Wire stop for wire positioning is built on the middle of each butt connector.
- Maximum voltage is 600V.



Product Number	Nylon Color	Wire Range (AWG)	Max. Temp.	Copper Length	Barrel I.D.	Nylon Length	Nylon Width	Barrel Length	Funnel Barrel Width	Copper Thickness	Strip Length
				CL	ID	L	W				
B8AL	Red	22-18	221°F (105°C)	0.618"	0.063"	1.050"	0.146"	0.282"	0.070"	0.032"	0.250"
B8BL	Blue	16-14		0.664"	0.094"		0.163"	0.305"	0.100"		
B8CL	Yellow	12-10		0.827"	0.133"	1.250"	0.240"	0.386"	0.141"	0.039"	

* All dimensions in inches

**RECOMMENDED TOOLS FOR NYLON INSULATED BUTT CONNECTORS
(SEAMLESS TUBE)**



Eclipse Luner Series Ratcheted Crimper
Product Number: 300-141



Eclipse Round Cable Cutter
Product Number: 200-046

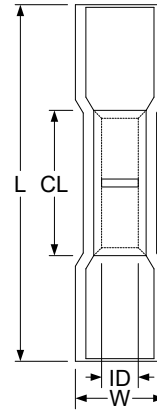


Eclipse Wire Stripping Tool
Product Number: 200-003

RECOMMENDED TOOLS FOR NYLON INSULATED BUTT CONNECTORS

ALL NYLON INSULATED BUTT CONNECTORS	Crimp Tool	Wire Cutter	Wire Stripper
	300-141	200-046	200-003

SPECIFICATIONS OF HEAT SHRINK INSULATED BUTT CONNECTORS (SEAMLESS TUBE)



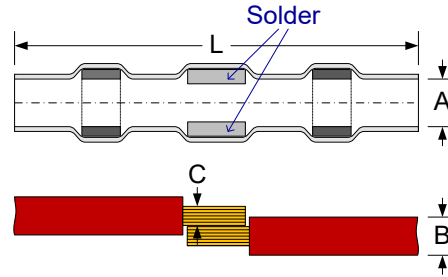
- All copper parts inserted in all heat shrink insulated butt connectors are UL listed.
- All copper parts inserted in all heat shrink insulated butt connectors are tin plated.
- All heat shrink insulated butt connectors are seamless.
- Wire stop for wire positioning is built on the middle of each butt connector.
- Shrink ratio is 3:1.
- Minimum shrink temperature is 230°F (110°C).
- Maximum voltage is 600V.



Product Number	Heat Shrink Color	Wire Range (AWG)	Maximum Temperature	Copper Length	Barrel I.D.	Heat Shrink Length	Heat Shrink Width	Barrel Length	Copper Thickness	Strip Length
				CL	ID	L	W			
B8SHS	White	26-24	221°F (105°C)	0.472"	0.051"	1.138"	0.183"	0.211"	0.016"	0.211"
B8AHS	Red	22-18		0.618"	0.063"	1.417"	0.231"	0.282"	0.031"	0.250"
B8BHS	Blue	16-14		0.664"	0.094"	1.587"	0.243"	0.305"	0.032"	
B8CHS	Yellow	12-10		0.827"	0.133"	1.882"	0.313"	0.386"	0.039"	
B8EHS	Red	8		0.830"	0.181"	1.929"	0.337"	0.388"	0.047"	

* All dimensions in inches

SPECIFICATIONS OF HEAT SHRINK INSULATED SOLDER BUTT CONNECTORS



- All heat shrink insulated solder butt connectors are waterproof for wiring splices.
- Translucent sleeves provide visual inspection.
- Shrink ratio is 2:1.
- Minimum shrink temperature is 284°F (140°C).
- Maximum voltage is 600V.

Product Number	Heat Shrink Color	Wire Range (AWG)	Maximum Temperature	Heat Shrink Length	Heat Shrink I.D.	Wire Dimensions		
				L	A	B Min	B Max / C Max	C Min
B8SSHS	White	26-24	257°F (125°C)	1.024"	0.067"	0.016"	0.067"	0.030"
B8ASHS	Red	22-18		1.575"	0.106"	0.051"	0.106"	0.047"
B8BSHS	Blue	16-14			0.177"	0.071"	0.177"	0.079"
B8CSHS	Yellow	12-10			0.236"	0.110"	0.236"	0.134"

* All dimensions in inches

RECOMMENDED TOOLS FOR HEAT SHRINK INSULATED BUTT CONNECTORS (SEAMLESS)



Heat Shrink Terminals Ratcheted Crimper
Product Number: RCHS03C8



Round Cable Cutter
Product Number: 200-046



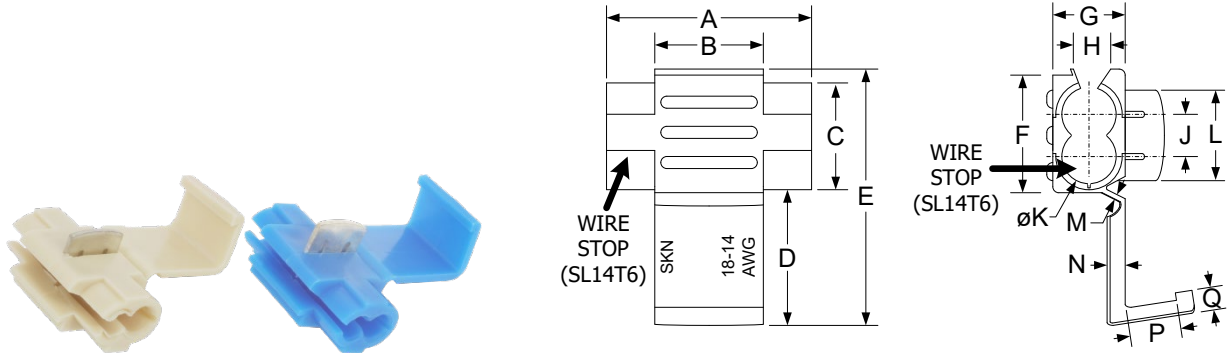
Wire Stripping Tool
Product Number: 200-003



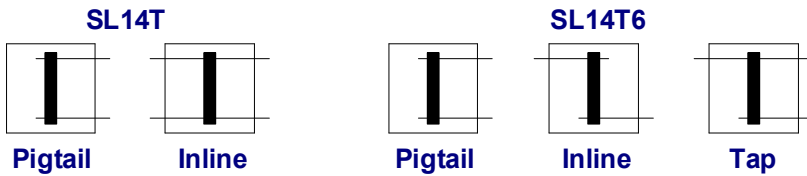
Steinel Heat Gun
Product Number: SV-803

RECOMMENDED TOOLS FOR HEAT SHRINK INSULATED BUTT CONNECTORS				
ALL HEAT SHRINK INSULATED BUTT CONNECTORS	Crimp Tool	Wire Cutter	Wire Stripper	Heat Gun
		RCHS03C8	200-046	200-003

SPECIFICATIONS OF QUICK SPLICE CONNECTORS



CONNECTION



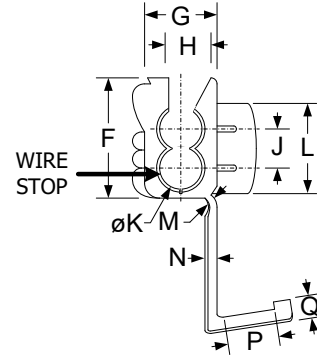
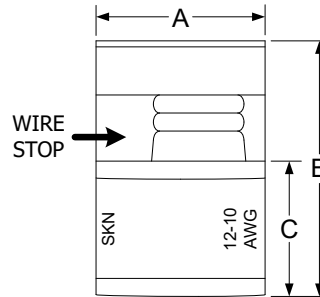
- Material of housings is vinyl.
- Metal inserts are made with brass finished with electro tin plate.
- Maximum temperature is 167°F (75°C).
- Maximum voltage is 300V.
- Common pliers are recommended for installation.

Product Number	Vinyl Color	Wire Stop	Wire Range (AWG)	Brass Insert Thickness	A	B	C	D	E
SL14T	Beige	No	18-14	0.033"	0.800"	0.424"	0.354"	0.548"	0.998"
SL14T6	Blue	Yes							

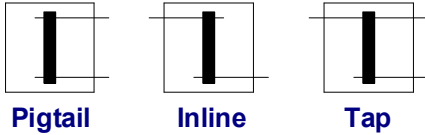
Product Number	F	G	H	J	øK	L	M	N	P	Q
SL14T	0.436"	0.230"	0.060"	0.142"	0.140"	0.390"	0.019"	0.050"	0.250"	0.074"
SL14T6										

* All dimensions in inches

SPECIFICATIONS OF QUICK SPLICE CONNECTORS



CONNECTION



- Material of housings is vinyl.
- Metal inserts are made with brass finished with electro tin plate.
- Maximum temperature is 167°F (75°C).
- Maximum voltage is 300V.
- Common pliers are recommended for installation.

Product Number	Vinyl Color	Wire Stop	Wire Range (AWG)	Brass Insert Thickness	A	B	C
SLYT	Yellow	Yes	12-10	0.0375"	0.815"	1.280"	0.644"

Product Number	F	G	H	J	ϕK	L	M	N	P	Q
SLYT	0.601"	0.404"	0.152"	0.140"	0.177"	0.389"	0.0265"	0.063"	0.395"	0.091"

* All dimensions in inches



IMPORTANT NOTES FOR PURCHASERS AND USERS

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WARRANTY; LIMITED REMEDY; LIMITED LIABILITY

WARRANTY; LIMITED REMEDY; LIMITED LIABILITY

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