

TECHNICAL DATA SHEET - INTERACTIVE PDF

Ferrule Benchtop Tool, crimp and strip STK40-1 & STK40-L and tool kits

Sta-Kon®



Benchtop wire stripping and crimping machine with feeder bowl for use on covered ferrules.

Certifications / Standards:



**3-Part Specification
End User Tools**

Features:

- Crimps 24-8 AWG or 0.25-10 mm² metric wire
- Automatic strip and crimp, operator only needs to insert conductor
- Quick tool-less changeover between ferrule sizes
- Sturdy aluminum and steel construction
- Acrylic feeder bowl cover
- Large removable feeder bowl fitting hundreds of ferrules
- Backlit display showing crimp count and feed speed
- Programmable countdown function, stops tool operation after reaching 0
- Adjustable feeder bowl speed
- Strip and crimp, or strip only settings
- Tool storage shelf on door interior
- Door sensor detects door opening
- Funneled wire insertion port
- Internal trash bin catches insulation cutoffs
- Separate tool kits expand ferrule size range

Listings:

- Provides UL 486F LISTED terminations when used with Sta-Kon® ferrules

Specifications:

- Weight: 62 lbs.
- Dimensions: 15.50" H x 19.25" L x 9.50" W
- Power: 120 V/60 Hz - 230 V/50 Hz
- Compressed Air: 4.5 - 6 bar (STK40-1)
5 - 6 bar (STK40-L)
- Power Consumption: 50 VA
- Cycle time: 1.3s (STK40-1)
1.5s (STK40-L)
- Crimp shape: Trapezoidal

Table data

- [STK40-1 & STK40-L Compatibility table](#)
 - A stripping and crimping machine is required in order to use a tool kit part number, [check table](#) to ensure tool kit is compatible with machine
- [Tool kit parts](#)

STK40-1 & STK40-L crimping and stripping machine compatibility table

Listing additional tool kit parts (TK series)

Product selection and dimensions					
Part no.	Description	Wire size AWG (mm ²)	Sleeve length in (mm)	Ferrule color	Compatible ferrule
STK40-1	Ferrule Wire Stripping and Crimping Machine (20-16 AWG)	20 (0.5)	0.236 (6)	White	F2020
			0.315 (8)		F2021
			0.394 (10)		F2022
		18 (0.75)	0.236 (6)	Gray	F2023
			0.315 (8)		F2024
			0.394 (10)		F2025
			0.472 (12)		F2026
		N/A (1.0)	0.236 (6)	Red	F2027
			0.315 (8)		F2028
			0.394 (10)		F2029
			0.472 (12)		F2030
		16 (1.50)	0.315 (8)	Black	F2031
			0.394 (10)		F2032
			0.472 (12)		F2033
STK40-TK1	Tool Kit (24-22 AWG) for STK40-1	24 (0.25)	0.236 (6)	Yellow	F4006
			0.315 (8)		F4007
		22 (0.34)	0.236 (6)	Pink	F4008
			0.315 (8)		F4009
STK40-TK2	Tool Kit (14 AWG) for STK40-1	14 (2.50)	0.315 (8)	Blue	F2035
			0.472 (12)		F2036
STK40-TK3	Tool Kit (12 AWG) for STK40-1	12 (4.0)	0.394 (10)	Gray	F2038
			0.472 (12)		F2039

Note: Product must be installed in accordance with applicable national and local electrical codes.

The correct base device must be paired with the correct tool kit to function.

STK40-1 is equipped with the tooling for 20-16 AWG ferrules.

Product selection and dimensions					
Part no.	Description	Wire size AWG (mm ²)	Sleeve length in (mm)	Ferrule color	Compatible ferrule
STK40-L	Ferrule Wire Stripping and Crimping Machine (Requires Tool kit)	–	–	–	–
STK40-TK4	Tool Kit (12 AWG) for STK40-L	12 (4.0)	0.394 (10)	Gray	F2038
			0.472 (12)		F2039
STK40-TK5	Tool kit (10 AWG) for STK40-L	10 (6.0)	0.472 (12)	Yellow	F2041
STK40-TK6	Toolkit (8 AWG) for STK40-L	8 (10.0)	0.472 (12)	Red	F2043

Note: Product must be installed in accordance with applicable national and local electrical codes.

The correct base device must be paired with the correct tool kit to function.

STK40-L requires a tool kit (ordered separately)



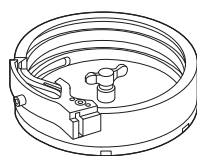
Tool kit parts

Product selection		
Part no.	Description	Included parts
STK40-TK1	STK40-1 Tool kit (24-22 AWG)	Sleeve receiver (0,25-0,34 mm ²) Crimping Jaws (0,25-0,34 mm ²) Cord Centering Funnel (0,25-0,34 mm ²) Reversing Base Sleeve (0,25-0,34 mm ²) Separation Plate (0,25-0,34 mm ²) Feeder Bowl (0,25-0,34 mm ²)
STK40-TK2	STK40-1 Tool kit (14 AWG)	Sleeve receiver (2,5 mm ²) Cord Centering Funnel (2,5 mm ²) Reversing Base Sleeve (2,5-4 mm ²) Separation Plate (2,5 mm ²) Feeder Bowl (2,5 mm ²)
STK40-TK3	STK40-1 Tool kit (12 AWG)	Sleeve receiver (4 mm ²) Crimping Jaws (4 mm ² , 10mm length) Crimping Jaws (4 mm ² , 12mm length) Cord Centering Funnel (4 mm ²) Reversing Base Sleeve (2.5-4 mm ²) Separation Plate (4 mm ²) Feeder Bowl (4 mm ²) Stripping Blade (4 mm ²)

Note: Product must be installed in accordance with applicable national and local electrical codes.

Product selection		
Part no.	Description	Included parts
STK40-TK4	STK40-L Tool kit (12 AWG)	Sleeve receiver (4 mm ²) Crimping Jaws (4 mm ² , 12mm length) Cord Centering Funnel (4 mm ²) Reversing Base Sleeve (2.5-4 mm ²) Separation Plate (4 mm ²) Feeder Bowl (4 mm ²) Stripping Blade (4 mm ²)
STK40-TK5	STK40-L Tool kit (10 AWG)	Sleeve receiver (6 mm ²) Crimping Jaws (6 mm ² , 12mm length) Cord Centering Funnel (6 mm ²) Reversing Base Sleeve (6 mm ²) Separation Plate (6 mm ²) Feeder Bowl (6 mm ²) Stripping Blade (6 mm ²)
STK40-TK6	STK40-L Tool kit (8 AWG)	Sleeve receiver (10 mm ²) Crimping Jaws (10 mm ² , 12mm length) Cord Centering Funnel (10 mm ²) Reversing Base Sleeve (10 mm ²) Separation Plate (10 mm ²) Feeder Bowl (10 mm ²) Stripping Blade (10 mm ²)

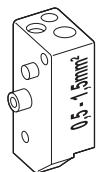
Note: Product must be installed in accordance with applicable national and local electrical codes.



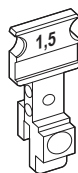
Feeder bowl



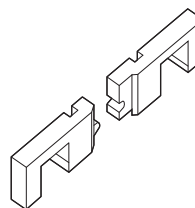
Separation plate



Reversing
Base sleeve



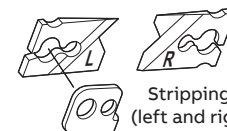
Sleeve receiver



Crimping jaws
(left and right side)



Cord centering funnel
(left and right side)



Stripping blade
(left and right side)

