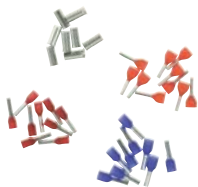


moving performance



George Eastman and Thomas Edison at the Eastman House, Rochester, New York. Circa July, 1929.

innovations



Thomas Edison and George Eastman created the perfect marriage of intellect – Edison’s light bulb and Eastman’s film development were foundational for their collaboration on the movie camera.

Paladin is best known as the datacomm and broadcast tool provider, but we also manufacture production-grade tools designed for easy use with less hand fatigue.

Perfect companion products in our electrical/ industrial line include the stripax, the CrimpALL® and assorted wire ferrules in all the right sizes for your job.

When you are writing your job specifications, don’t forget to partner with Paladin Tools.





P-Strippers 10 & 20

Use only two tools to cut and strip round wire & cable with a range of 30 – 10 AWG! The durable P-strippers cover the most common ranges of insulated wire with precise, reliable action.

- Made of heat-treated, hardened steel
- Precision-ground blades with wire gauge markings
- Non-slip handles
- Built-in safety lock, nose clamp, steel screw cutter and wire loop
- Strips the following insulation types:
 - THHN, THHW and Kapton
 - Small, Teflon® hard insulation (30-24 AWG only)
 - Standard PVC, rubber, polyurethane, polyethylene and silicone
 - 1105 strips Romex household wiring cable
- Not for steel or armored wire and cable
- One-year warranty

Technical

Weight	4 oz. (114 g)
Length	6.5" (165 mm)

Ordering

	Part Number
P-stripper 10 cutter/stripper (AWG 22-10)(.34-6 mm ²)	1105
P-stripper 20 cutter/stripper (AWG 30-20)(.05-.5 mm ²)	1106

**Do not use on live circuits.*



GripP-Strippers 10 & 20

New Our newest wire strippers combine ergonomics and versatility! Strip 30-10 AWG wire and cable using only two tools for the most common types: electrical wire, hook-up wire & multi-conductor cable. Also cuts flat cables.

- Head of tool and handles designed at optimum 22° angle to prevent awkward wrist bends
- Spring-loaded closure
- Contoured wire stripping areas precision ground for accuracy
- Non-scoring strip and smooth wire cutting
- Features screw cutter and wire loops embedded in frames
- Gripping jaws on front of tool
- 1117 will work on Romex household cable
- Not for use on steel or armored wire and cable
- One-year warranty

Technical

Weight	6.5 oz (185 g)
Dimensions	7.1"L x 2.25"W x .65"D 180 mm x 57 mm x 17 mm

Ordering

	Part Number
GripP 10 cutter/stripper (22-10 AWG/.34-6 mm ²)	1117
GripP 20 cutter/stripper (30-20 AWG/.05-.5 mm ²)	1118

**Do not use on live circuits.*



Utility Cable Cutter

Utility cable cutter for solid, stranded and flexible cable up to AWG 2/0 (70 mm²).

- Optimal blade geometry for low cutting force
- Not for use on steel, aluminum alloys or hard-drawn copper or ASCR cables
- One-year warranty

Maximum cable cutting capacity

Copper	
Solid	AWG 6 (16 mm ²)
Stranded	AWG 2 (35 mm ²)
Flexible	AWG 2/0 (70 mm ²)
Aluminum	
Stranded	AWG 2/0 (70 mm ²)

Technical

Weight	16 oz. (453 g)
Length	9.4" (240 mm)

Ordering	Part Number
Utility cable cutter*	1817.1

*Do not use on live circuits.



KT 35 Cable Cutter - 500 MCM

Cutter for stranded and flexible copper and aluminum cable up to 500 MCM (240mm²) or diameter of 1.40" (35mm).

- Both blades are sharpened
- Hole in moving blade to hang tool on a peg
- Replaceable moving blade
- Hardened, precision cutting blades for long life
- Built-in safety release in all cutting positions
- Locking mechanism for transport safety
- Cut 100-pair telephone cable one handed!
- Not for use on steel, aluminum alloys, hard-drawn copper or ASCR cables
- Lifetime warranty

Maximum cable cutting capacity

Copper	
Stranded & Flexible	500MCM (240 mm ²)
Aluminum	
Stranded & Flexible	500MCM (240 mm ²)
Telephone	
Data & Control	1.40" (35 mm) dia.

Technical	Weight	Length
KT 35	24 oz. (680 g)	10.4" (265 mm)

Ordering	Part Number
KT 35*	900256
Replacement moving blade [†]	900258

*Do not use on live circuits.

[†]Contact us for information on other replacement parts.



KS 42 Cable Cutter - 600 MCM

Our precision, fully ratcheting KS 42 cable cutter features ergonomically designed handles for comfort and a steady grip. The KS 42 is a professional cutter for stranded and flexible copper and aluminum cable up to 600 MCM (300 mm²) or diameter of 1.77" (45 mm).

- Hardened, precision cutting blades for long life
- Built-in safety release in all cutting positions
- Locking mechanism for transport safety
- Precision ratchet mechanism for effortless operation
- Not for use on steel, aluminum alloys or hard-drawn copper cables*
- One-hand operation
- Lifetime warranty

Maximum cable cutting capacity

Copper	
Stranded & Flexible	600 MCM (300 mm ²)
Sector-shaped	4x140 MCM (4x70 mm ²)
Aluminum	
Stranded & Flexible	600 MCM (300 mm ²)
Sector-shaped	4x190 MCM (4x95 mm ²)
Telephone	
Data & Control	1.80" (45 mm) dia.

Technical

Weight	34 oz. (962 g)
Length	10.24" (260 mm)

Ordering	Part Number
KS 42 cable cutter*	1819.1
Replacement moving blade†	1819.016

*Will cut up to 450 MCM ACSR. Do not use on live circuits.

†Contact us for information on other replacement parts.



SureStrip® 4.0

High-quality wire stripping and cutting tool for 20-12 AWG (0.5-4.0 mm²).

- Strips stranded and solid conductors with PVC insulation
- Strips multiple conductors and thin, ribbon-cable conductors simultaneously
- Built-in wire cutter
- Precision self-adjusting blades prevent wire damage
- Strips double-insulated cables in two work cycles
- User-replaceable stripping blades
- Adjustable wire stop to set strip lengths
- Value stripper to prepare wire for wire and ferrule termination
- One-year warranty

Technical

Weight	5.2 oz. (147 g)
Length	7.9" (200 mm)

Ordering	Part Number
SureStrip® 4.0*	904893
Replacement stripping blade set	901022

*Do not use on live circuits.



stripax® Pro 6 & Pro 16

Now for THHN and THHW industrial insulations! The high-quality stripax set the industry standard for precision stripping for a decade. The new stripax® Pro 6 and Pro 16 perform powerful stripping of standard and industrial insulations for a wire range of 28-10 AWG (.08-6 mm²) and 10-6 AWG (6-16 mm²) respectively. The ergonomically designed, contoured handles let you hold the tool in a natural position so stripping is comfortable and requires less effort.

- Consistently strips heavy-duty and industrial insulations including THHN & THHW
- Strips standard insulations including PVC, rubber and silicone
- Provides nick-free stripping of insulation with no damage to conductors
- Built-in cutter provides a smooth, straight cut without distorting the conductor
- Fine adjustment slider on top of tool lets you adjust to the insulation thickness
- Handles designed for comfort and require low hand force
- Not for Teflon or Kapton hard insulations (use P/N 1115P mini-stripax Plus with a Teflon blade for these insulations)
- Perfect companion for any of our wire ferrule crimpers
- Strippers carry a lifetime warranty; blade warranty is one year for defects only

Technical

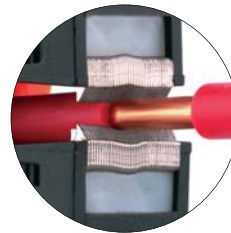
Weight	5.5 oz. (156 g)
Length	7.25" (185 mm)

Ordering

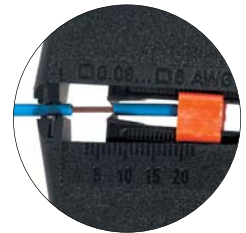
	Part Number
stripax Pro 6 (28-10 AWG)* (.08-6.0 mm ²)	1113
stripax Pro 6 replacement stripping blade set	2113
stripax Pro 16 (10-6 AWG)* (6.0-16 mm ²)	1114
stripax Pro 16 replacement stripping blade set	2114

*Do not use on live circuits.

† 68 spring- compression blades precisely adjust to the insulation



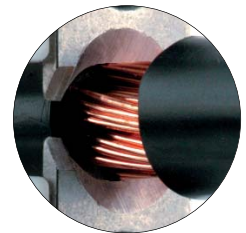
68 spring- compression blades on Pro 6†



Adjustable wire stop to set strip lengths



Cutter on bottom means less hand force required



Round stripping blades on Pro 16 cut insulation cleanly



mini-stripax® plus

Universal wire stripper and cutter that uses changeable blades to strip PVC and Teflon® insulation. Strips PVC-insulated wire in the range of 28-18 AWG (0.80-1.0 mm²) and Teflon-insulated wire in the range of 32-18 AWG (.032-1.0 mm²).

- Strips flexible and solid conductors with PVC, Teflon, silicone and other special insulations
- Strips multiple conductors and thin ribbon-cable conductors simultaneously
- Adjustable wire stop and built-in wire cutter
- 28-18 AWG (0.80-1.0 mm²) PVC blade included
- Lifetime warranty on tool

Technical

Weight	4 oz. (114 g)
Length	5.3" (135 mm)

Ordering	Part Number
mini-stripax® plus*	1115P

*Strips PVC only. Do not use on live circuits. For Teflon, order blades separately



mini-stripax® plus Replacement Blades

Interchangeable mini-stripax® plus blades for stripping Teflon® and silicone insulations.

- Easy to install using quick pull pins in the mini-stripax jaw
- Includes top and bottom blades, spring and wire stop
- Specially formed stripping blades ensure no damage to the conductor
- One-year warranty defects only

Ordering

Description [color]	Part Number
AWG 28-18 PVC only [white] (0.8-1.0 mm ²)	2108
AWG 18 (0.8 mm ²) Teflon [black]	2140
AWG 20 (0.5 mm ²) Teflon [blue]	2141
AWG 24-22 (0.22-0.34 mm ²) Teflon [green]	2142
AWG 28-26 (0.08-0.1 mm ²) Teflon [red]	2143
AWG 32-30 (0.032-0.05 mm ²) Teflon [yellow]	2144



Adjustable Wire Stripper & Cutter

Perfect for cutting and stripping all wire types.

- Adjustable blades from 30-10 AWG (.05-6 mm²)
- Economical tool for multiple cables
- One-year warranty

Technical

Weight	3 oz. (86 g)
Length	5" (127 mm)

Ordering Part Number

Adjustable wire stripper & cutter*	1161
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*Do not use on live circuits.



Preset height adjustment



The AM 25 & 35 are both great for corrugated aluminum armor cables!

Universal Slitter

Slits and strips round cables with a diameter of 0.18" to 1.40" (4.5-35 mm). Quickly removes insulation without nicking conductor. For power and telecommunication cables 500-1200 MCM. (240-600 mm²). Not suitable for XLP insulation.

- Precision stripping and slitting of rubber, PVC, nylon and most insulation materials
- Adjustable depth of cut
- Circumferential, longitudinal and spiral cuts
- Cable is supported during use
- Cable support arm edge is used to pry off thick insulation
- Laser-trimmed, stainless-steel blade for long use
- A perfect tool for mid-point taps
- Spare blade included
- One-year warranty

Technical	
Weight	7 oz. (200 g)
Length	5.7" (145 mm)

Ordering	Part Number
Universal slitter*	1822
Replacement blade	2109

*Do not use on live circuits.

AM 25 Slitter

Get the **original** tool designed for slitting cable insulation! Strips and slits round cables from 0.18"-1.0" (4.5-2.5 mm) (P/N 1820) or 1.0"-1.4" (25-35 mm) (P/N 1821) in diameter. Not for polyethylene, polypropylene, or XLP insulations.

- Adjustable cutting depth
- Swivel blade for circular, longitudinal and spiral cuts
- Spare blade in handle
- Cable holding clip with integrated edge for removing slit insulation
- Laser-trimmed, stainless-steel blade for long use
- Slits PVC, Teflon and THHN
- Perfect for armored cable
- Lifetime warranty

Technical	
Weight	4.7 oz. (133 g)
Length	5.3" (135 mm)

Ordering	Part Number
AM 25*	1820
Replacement blade	2109

*Do not use on live circuits.

AM 35 Slitter

Get the **original** tool designed for slitting cable insulation! Strips and slits round cables from 1.0"-1.4" (25-35 mm) in diameter. Not for polyethylene, polypropylene, or XLP insulations.

- Adjustable cutting depth for insulation up to 0.18" (4.5 mm) thick
- Swivel blade for circular, longitudinal and spiral cuts
- Spare blade in handle
- Cable holding clip with integrated edge for removing slit insulation
- Laser-trimmed, stainless-steel blade for long use
- Slits PVC, Teflon and THHN
- Lifetime warranty

Technical	
Weight	5 oz. (141 g)
Length	5.5" (140 mm)

Ordering	Part Number
AM 35*	1821
Replacement blade	2109

*Do not use on live circuits.



1647

Safety release

1600 Crimp Tools

The 1600 Series is Paladin Tools' premium crimper family designed for the professional that demands superior quality and reliability. It is the most widely used tool amongst broadcast installers and professional cable assembly companies.

Most of the 1600 Series crimpers for industrial and electrical applications have a fixed-die system. This ensures that the die sets are properly aligned and the tool is factory calibrated. These dies are made of an even higher grade steel and are double-plated to ensure the proper ruggedness.

Pull-force test information is **AVAILABLE** on our website

Features:

- Precision-calibrated crimp profiles
- Finest-quality tool steel
- Long-lasting tool that delivers over 75,000 crimp cycles
- Ultra-smooth, advanced ratcheting system with built-in safety release
- Rugged, double-plated jaw design for increased life span
- Lifetime warranty

Advantages:

- Smallest grip hand tool on the market with the longest life span available
- True ergonomic rubber handles that are soft and won't quickly wear out or break
- Lowest hand-force of the long-life crimp tools on the market without compromising superior crimp force
- No breakover hand force – the effort required by most crimpers to make the last click at the end of the cycle to complete the crimp – the tool does the work

Technical	Weight
Crimp tool frame	19 oz. (538 g)
Die set	2 oz. (57 g)

Ordering	Part Number
Crimp tool frame	1600
Replacement handles	1600.9
Thumb screws (1 set)	2307



Reduced handle grip distance makes it easy for both small and large hands



Rugged, double-plated jaw design for increased life span



Precision ratchet for precision crimping.

Part Numbers	Connector Type(s)	Cable Type(s)	Crimp Sizes Type	Connector Manufact./Remarks
Insulated Terminal Crimpers				
 Tool & Die: 1605* Die Only: NONE	Insulated terminals & lugs	Solid or stranded wire, 22-14 AWG (.34-2.5 mm ²)	16-14(Blue)/22-18(Red) (1.5-2.5/.34-.75 mm ²) Terminal-Elliptical 2-level	Standard commercial terminals
Tool & Die: 1625* Die Only: NONE	Insulated terminals & lugs	Solid or stranded wire, 22-14 AWG (.34-2.5 mm ²)	16-14(Blue)/22-18(Red) (1.5-2.5/.34-.75 mm ²) Terminal-Elliptical 1-level	AMP (Tyco) Ultra-fast/Faston terminals
Non-Insulated Terminal Crimpers				
 Tool & Die: 1618* Die Only: NONE	Non-insulated terminals & lugs	Solid or stranded wire, 20-10 AWG (.5-6.0 mm ²)	12-10/16-14/20-18 AWG (4-6/1.5-2.5/.5-.75 mm ²) Terminal, Indent	Standard commercial terminals
Open Barrel Contacts, Box Contacts, and Terminals Crimpers				
 Tool & Die: 1635 Die Only: NONE	Non-insulated terminals & lugs	Solid or stranded wire, 22-12 AWG (.34-4 mm ²)	22-18/16-14 F-Type (.34-.75/1.5-2.5 mm ²)	Standard commercial terminals
 Tool & Die: 1631* Die Only: NONE	Open barrel contact pins	Stranded wire, 24-14 AWG (.2-2.5 mm ²)	24-22/18-14 F-Type (.2-.34/.75-2.5 mm ²)	Molex/Waldom/ Leoco type connectors
 Tool & Die: 1645* Die Only: NONE	Open barrel contact pins	Stranded wire, 30-18 AWG (.05-.75 mm ²)	30-24/22-18 F-Type (.05-.2/.34-.75 mm ²)	Molex/Waldom/ Leoco type connectors
 Tool & Die: 1646* Die Only: NONE	Open barrel D-sub contact pins	Stranded wire, 28-20 AWG (.08-.5 mm ²)	28-24/22-20 F-Type (.08-.2/.34-.5 mm ²)	For standard D-sub pins only
Tool & Die: 901353* Die Only: NONE	Open barrel HD-sub contact pins	Stranded wire, 28-24 AWG (.08-.2 mm ²)	28-24 F-Type (.08-.2 mm ²)	For high-density D-sub pins only
Wire Ferrule Crimpers				
 Tool & Die: 1647 Die Only: 2681	Insulated & Non-insulated Ferrules	Stranded wire, 20-10 AWG (.5-6 mm ²)	20-10 Trapezoid (.5-6.0 mm ²)	For DIN or US type wire ferrules
 Tool & Die: 1648* Die Only: NONE	Insulated & Non-insulated Ferrules	Stranded wire, 20-12 AWG (.5-4 mm ²)	20-12 Trapezoid (.5-4.0 mm ²)	For DIN or US type wire ferrules
Tool & Die: 901435* Die Only: NONE	Insulated & Non-insulated Ferrules	Stranded wire, 24-10 AWG (.2-6 mm ²)	24-10 Trapezoid (.2-6.0 mm ²)	Rotatable crimp die
Tool & Die: 1649* Die Only: NONE	Insulated & Non-insulated Ferrules	Stranded wire, 10-6 AWG (6-16 mm ²)	10/8/6 Trapezoid (6/10/16 mm ²)	For DIN or US type wire ferrules
Tool & Die: 56730* Die Only: NONE	Insulated & Non-insulated Ferrules	Stranded wire, 20-10 AWG (.5-6 mm ²)	20-10 Trapezoid (.5-6.0 mm ²)	Front loading crimp die

*The die sets for these tools are not removable or interchangeable. See page 7.



CrimpALL® Series Crimpers

The 8000 Series CrimpALL® was designed with user satisfaction in mind. This world-class crimp tool is designed for superior comfort and ease of use. It is an exceptional value and uses the same die sets as our 1300 Series crimpers.

Features:

- Ultra-smooth, fully ratcheting crimp cycle with built-in safety release
- Interchangeable die sets of heat-treated steel for long life
- Soft, rubber-embedded handles
- Long-lasting tool that delivers over 50,000 crimp cycles
- Rugged, double-plated jaw design to increase life span
- 10-year warranty

Advantages:

- Angled head to prevent awkward wrist bending during operation
- Reduced handle grip distance makes it easy for both small and large hands
- Higher crimp force produced with less hand force so hand doesn't tire as quickly
- No breakover hand force – the effort required by most crimpers to make the last click at the end of the cycle to complete the crimp – the CrimpALL does the work!
- Manufactured using the newest fine blanking technologies
- EZI-Change™ die screws make changing dies quick and easy – no screwdriver required

Technical	Weight	Length
CrimpALL® tool frame	21 oz. (600 g)	9.84" (250 mm)
Die set	2 oz. (57 g)	

Ordering	Part number
CrimpALL® tool frame	8000
Replacement EZI-Change™ die screws (2)	2303
Replacement fixed die screws (2)	2306
Replacement handles	8000.9



Ultra-smooth ratchet design makes this tool a dream to use.



Comfortable to use for any size hand.



The first crimp tool with a double-plated jaw design for longer life span

Part Numbers Description

Insulated Terminal Crimpers

		Tool & Die: 8021 Die Only: 2035	Insulated Terminals and Lugs, Solid or Stranded Wire, 22-10 AWG (.34-6 mm ²), 12-10(Yellow)/16-14(Blue)/22-18(Red) (6-4/2.5-1.5/.34-.75 mm ²), For Large Professional Terminals (Panduit, T & B, etc.)
		Tool & Die: 8022 Die Only: 2040	Insulated Terminals and Lugs, Solid or Stranded Wire, 22-12 AWG (.34-4.0 mm ²), 12(Yellow)/16-14(Blue)/22-18(Red) (4/1.5-2.5/.34-.75 mm ²), For Standard Commercial Terminals (Hardware Store Brands)
		Tool & Die: 8023 Die Only: 2029	Insulated Terminals and Lugs, Solid or Stranded Wire, 26-14 AWG (.10-2.5 mm ²), 16-14(Blue)/22-18(Red)/22-26(Yellow) (1.5-2.5/.34-.75/.34-.10 mm ²), For Smaller Wire Barrel Terminals

Non-Insulated Terminal Crimpers

		Tool & Die: 8024 Die Only: 2031	Non-Insulated Terminals and Lugs, Solid or Stranded Wire, 22-8 AWG (.34-10 mm ²), 10-8/14-12/18-16/22-20 (6-10/2.5-4/.75-1.5/.34-.50 mm ²) For Standard Commercial Terminals
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Open Barrel Contacts, Box Contacts, and Terminals Crimpers

		Tool & Die: 8026 Die Only: 2033	Open Barrel Non-Insulated Terminals and Lugs - narrow, Stranded Wire, 22-14 AWG (.34-2.5 mm ²), F-Type**, 22-18/16-14/12-10, (.34-.75/1.5-2.5/4-6 mm ²), For Standard Commercial Terminals
		Tool & Die: 8027 Die Only: 2096	Open Barrel Non-Insulated Terminals and Lugs - wide, Stranded Wire, 22-14 AWG (.34-2.5 mm ²), F-Type**, 16-14/22-18 (1.5-2.5/.34-.75 mm ²) For Standard Commercial Terminals
		Tool & Die: 8028 Die Only: 2092*	Open Barrel Box and Round Contact Pins, Stranded Wire, 30-18 AWG (.05-.75 mm ²), F-Type**, 30-24/22-18 (.05-.2/.34-.75 mm ²) Molex/Waldom/Leoco Type Connectors
		Tool & Die: 8029 Die Only: 2097	Open Barrel D-Sub Contact Pins, Stranded Wire, 28-20 AWG (.08-.5 mm ²), F-Type**, 28-24/22-20 (.08-.2/.34-.5 mm ²) For Standard D-sub Pins Only

NOTE: For the crimpers and die sets above, the pin AWG size must be inside the range of the crimp area AWG size to work. For example, if the area is for 28-24 AWG, the pin must have an AWG size rating between 28-24, no smaller and no larger. In this example, a 28-22 AWG rated pin will not work; it is too large in size.

*Not for use on hardened steel, brass or phosphor bronze contacts

**This is also known as "B-Type."

Wire Ferrule Crimpers

		Tool & Die: 8025 Die Only: 2095	Insulated & Non-Insulated Wire Ferrules, Stranded Wire, 22-10 AWG (.34-6.0 mm ²), 22-20/18-16/14-12/10 (.34-.50/.75-1.5/2.5-4/6 mm ²) For DIN or US Type Wire Ferrules
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Fully ratcheting action and built-in safety release.

1300 Series Crimpers

Paladin's 1300 Series is the original interchangeable-die crimping system – all the rest are mere copies of our innovation. It continues to be the answer for precision-crimping at an affordable price with over 45 die sets available for the most popular connectors. See crimp chart for specific connector and crimp dimensions.

Features:

- Fully-ratcheting cycle with built-in safety release
- Interchangeable die sets of heat-treated steel for long life
- Easy to use and maintain
- Available as complete tool with die set inserted or separate tool frame and individual die sets
- Foam-lined case available to hold frame and 6 die sets together
- Five-year warranty

Advantages:
















- EZI-Change™ die screws make changing dies quick and easy – no screwdriver required
- Most precise and tightest tolerances on die sets in the industry
- Six ratchet gear settings for optimum crimp performance (see page for 115 for additional details)

Technical	Weight	Length
Crimp tool frame	10.4 oz (296 g)	8.9" (225 mm)
Die set	2 oz (57 g)	

Ordering	Part Number
Crimp tool frame	1302
Replacement EZI-Change™ die screws (2)	2303
Replacement fixed die screws (2)	2306
Replacement handles	1300.9
1300 crimp case	901013



1302

	Part Numbers	Description
Insulated Terminal Crimpers		
	 Tool & Die: 1305 Die Only: 2035	Insulated Terminals and Lugs, Solid or Stranded Wire, 22-10 AWG (.34-6 mm ²), 12-10(Yellow)/16-14(Blue)/22-18(Red) (6-4/2.5-1.5/.34-.75 mm ²), For Large Professional Terminals (Panduit, T & B, etc.)
	 Tool & Die: 1308 Die Only: 2040	Insulated Terminals and Lugs, Solid or Stranded Wire, 22-12 AWG (.34-4.0 mm ²), 12(Yellow)/16-14(Blue)/22-18(Red) (4/1.5-2.5/.34-.75 mm ²), For Standard Commercial Terminals (Hardware Store Brands)
	 Tool & Die: 1334 Die Only: 2029	Insulated Terminals and Lugs, Solid or Stranded Wire, 26-14 AWG (.10-2.5 mm ²), 16-14(Blue)/22-18(Red)/22-26(Yellow) (1.5-2.5/.34-.75/.34-.10 mm ²), For Smaller Wire Barrel Terminals
Non-Insulated Terminal Crimpers		
	 Tool & Die: 1322 Die Only: 2031	Non-Insulated Terminals and Lugs, Solid or Stranded Wire, 22-8 AWG (.34-10 mm ²), 10-8/14-12/18-16/22-20 (6-10/2.5-4/.75-1.5/.34-.50 mm ²) For Standard Commercial Terminals
Open Barrel Contacts, Box Contacts, and Terminals Crimpers		
	 Tool & Die: 1306 Die Only: 2033	Open Barrel Non-Insulated Terminals and Lugs - narrow, Stranded Wire, 22-14 AWG (.34-2.5 mm ²), F-Type**, 22-18/16-14/12-10, (.34-.75/1.5-2.5/4-6 mm ²), For Standard Commercial Terminals
	 Tool & Die: 1358 Die Only: 2096	Open Barrel Non-Insulated Terminals and Lugs - wide, Stranded Wire, 22-14 AWG (.34-2.5 mm ²), F-Type**, 16-14/22-18 (1.5-2.5/.34-.75 mm ²) For Standard Commercial Terminals
	 Tool & Die: 1357 Die Only: 2092*	Open Barrel Box and Round Contact Pins, Stranded Wire, 30-18 AWG (.05-.75 mm ²), F-Type**, 30-24/22-18 (.05-.2/.34-.75 mm ²) Molex/Waldom/Leoco Type Connectors
	 Tool & Die: 1359 Die Only: 2097	Open Barrel D-Sub Contact Pins, Stranded Wire, 28-20 AWG (.08-.5 mm ²), F-Type**, 28-24/22-20 (.08-.2/.34-.5 mm ²) For Standard D-sub Pins Only
NOTE: For the crimpers and die sets above, the pin AWG size must be inside the range of the crimp area AWG size to work. For example, if the area is for 28-24 AWG, the pin must have an AWG size rating between 28-24, no smaller and no larger. In this example, a 28-22 AWG rated pin will not work; it is too large in size.		
*Not for use on hardened steel, brass or phosphor bronze contacts		
**This is also known as "B-Type."		
Wire Ferrule Crimpers		
	 Tool & Die: 1360 Die Only: 2095	Insulated & Non-Insulated Wire Ferrules, Stranded Wire, 22-10 AWG (.34-6.0 mm ²), 22-20/18-16/14-12/10 (.34-.50/.75-1.5/2.5-4/6 mm ²) For DIN or US Type Wire Ferrules



D-sub Indent Crimp Tools

Crimping tool for 4- or 8-indent crimping of closed-barrel D-sub contacts.

- Comfortable handles for low-effort operation
- 4-Indent crimper for AWG 26-20 (0.14-0.50 mm²) D-sub contacts (P/N 1440)
- 4-Indent crimper for AWG 20-12 (0.50-4.0 mm²) D-sub contacts (P/N 1441)
- 8-Indent crimper for AWG 26-20 (0.14-0.50 mm²) D-sub contacts (P/N 1442)
- 8-Indent crimper for AWG 20-12 (0.50-4.0 mm²) D-sub contacts (P/N 1443)
- Adjustable pin height locator (P/Ns 1440 and 1442 only)
- One-year warranty

Technical

Weight	11 oz. (312 g)
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Ordering	Part Number
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4-Indent D-sub crimper (26-20 AWG)	1440
8-Indent D-sub crimper (26-20 AWG)	1442
4-Indent D-sub crimper (20-12 AWG)	1441
8-Indent D-sub crimper (20-12 AWG)	1443

Not for use on hardened steel, brass or phosphor bronze contacts



CTI 6 Terminal Crimper

Professional crimping tool for insulated terminal lugs with a wire range of AWG 20-10 (0.1-6.0 mm²).

- Fixed steel die system
- Built-in locator
- Crimps insulated terminal lugs, cable lugs and parallel and serial splices
- Durable steel construction for long life
- Long ergonomic handles for low-effort operation
- Color-coded crimp areas for size identification
- Lifetime warranty

Technical

Weight	25 oz. (710 g)
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Crimp profile

Red:	AWG 20-16 (0.5-1.5 mm ²)
Blue:	AWG 16-14 (1.5-2.5 mm ²)
Yellow:	AWG 12-10 (4.0-6.0 mm ²)

Ordering	Part Number
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CTI 6	900612
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HTN 21L Terminal Crimper

Professional-quality crimping tool for non-insulated terminal lugs with a wire range of AWG 20-10 (0.5-6.0 mm²).

- Fixed steel die system
- Crimps non-insulated terminal lugs, cable lugs, and parallel and serial splices
- Built-in terminal locator
- Durable steel construction for long life
- Ergonomically designed handles for low-effort operation
- Lifetime warranty

Technical

Weight	14 oz. (400 g)
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Crimp profile

Small:	AWG 20-18 (0.5-0.75 mm ²)
Medium:	AWG 16-14 (1.5-2.5 mm ²)
Large:	AWG 12-10 (4.0-6.0 mm ²)
Weight	14 oz. (400 g)

Ordering	Part Number
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HTN 21L	901461
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CTN 25 D4 & CTN 25 D5 Terminal Crimpers

Professional-quality crimping tools for non-insulated terminal lugs with a wire range of 8-4 AWG (10-25 mm²). Fixed steel die system. Both models have durable steel construction for long life. Lifetime warranty.

CTN 25 D4:

- Crimps rolled and brazed lugs
- Crimps pin-type lugs
- Crimps parallel and serial splices
- Conforms to DIN 46234
- Lifetime warranty

CTN 25 D5:

- Crimps tube lugs and splices
- Conforms to DIN 46235
- Lifetime warranty

Technical

Weight	24 oz. (685 g)
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Ordering

	Part Number
CTN 25 D4	900622
CTN 25 D5	900623



Wire Ferrule Crimper

Professional-quality crimping tool for insulated and non-insulated wire ferrules with a range of 20-10 AWG (0.5-6.0 mm²).

- Fixed steel die system
- Ferrules conform to DIN 46228 Pt. 1 and 4
- Ferrule insertion from the side of the tool
- Single tool for entire wire range (no additional dies are required)
- Durable steel construction for long life
- Ergonomic handles for low-effort operation
- Lifetime warranty

Technical

Crimper Weight	15.2 oz. (430 g)
Die Weight	2.0 oz. (57 g)

Ordering

	Part Number
Wire Ferrule Crimper	1647
Replacement die set	2681



PZ 6 ROTO Wire Ferrule Crimper

Professional-quality rotary crimping tool for insulated and non-insulated wire ferrules with a wire range of 24-10 AWG (0.25-6.0 mm²).

- Rotating die for front or side ferrule insertion
- Crimps conform to EN 60947-1 & DIN 46228 Pt. 1 and 4
- Hardened steel die system for long life
- Single tool for entire wire range (no additional dies are required)
- Durable steel construction for long life
- Ergonomic handles for low-effort operation
- Lifetime warranty

Technical

Weight 13 oz. (368 g)

Ordering	Part Number
PZ 6 ROTO	901435

PZ 50 Wire Ferrule Crimper

Professional-quality crimping tool for insulated and non-insulated wire ferrules with a wire range of 4-1/0 AWG (25-50 mm²).

- Fixed steel die system
- Ferrules conform to DIN 46228 Pt. 1 and 4
- Ferrule insertion from the side of the tool
- Single tool for entire wire range (no additional dies are required)
- Ergonomic handles for low-effort operation
- Two crimp profiles
- Lifetime warranty

Technical

Weight 24.7 oz. (700 g)

Ordering	Part Number
PZ 50	900645

stripax® plus 2.5 Wire Ferrule Multi-Tool

Cuts and strips wire and crimps wire ferrules. Professional-quality multi-functional tool for use with Weidmüller ferrules in strip form for a wire range of 20-14 AWG (0.5-2.5 mm²).

- One tool performs three functions: cut, strip and crimp
- Automatic ferrule feed into crimping station
- Strip-form ferrules for easy loading
- Front-feed for wire stripping
- Side-feed for wire cutting and ferrule crimping
- Ferrules conform to DIN 46228 part 4
- Lifetime warranty

Technical

Weight 7.4 oz. (210 g)

Length 10.24" (260 mm)

Ordering	Part Number
stripax® plus 2.5	902000
Replacement cutting blade*	2110

*Tool must be returned to factory for stripping blade replacement service



Cable Fault Identifier TDR Tester

New Advantages:

- Tests cable up to 3,200' (975 m) in length
- Accuracy rate of +/- 1.5%, most accurate True TDR technology
- Super fast test results in only one second!

Function: True TDR Technology

- Check length of cable
- Check amount of cable remaining on spool
- Check distance to short
- Check distance to open
- Detects live voltage

Features:

- Built-in tone generator with warble tone
- Pre-programmed NVP values for common cable types
- Easy to read large display
- Small and lightweight
- Simple push button operation
- Requires only one 9V battery - included!

Technical

Weight	8 oz (228 g)
Dimensions (inches)	6" H x 3.5" W x 1" D
Dimensions (mm)	152 mm x 89 mm x 25.4 mm

Ordering/Description	Part Number
Cable Fault Identifier TDR Tester with BNC-to-alligator clips and 9V battery	1549.1



Terminal Crimp Kit

Economical terminal crimper kit for electrical and control panel installation and wiring. Kit includes:

- 1300 series insulated terminal crimper (P/N 1305)
- Assorted 22-12 AWG (.34-4.0 mm²) insulated terminals
- Crimp tool features interchangeable die system
- One-year warranty on kit; individual warranties apply to each tool

Technical

Weight	3 lbs. (1.4 Kg)
Dimensions (inches)	12.5" L x 6.25" W x 1.75" D
Dimensions (mm)	317.5 mm L x 159 mm W x 44.5 mm D

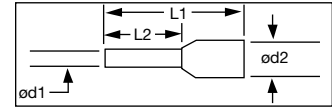
Ordering




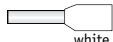
Ordering	Part Number
Terminal crimper kit	4305

Insulated Ferrules (BULK)

Standard ferrules conform to use on AWG and DIN wire sizes.
DIN ferrules conform to use on DIN wire sizes only.

Technical Data:
DIN/VDE 46228 part 4
Insulator: Polypropylene DS10 w/10ppm Silicon
Contact: Tin-Plated Copper (E-Cu 57)
Heat resistant up to 230° F (110° C)
UL94 Flame Class HB, UL# 983438-002



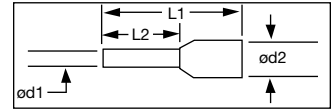
Standard Part No.	DIN Part No.	Nominal wire size		Dimensions (mm)*				Quantity/ package	Type
		mm ²	AWG	L1	L2	d1	d2		
 902574 light blue		0.25	24	10	6	0.8	1.8	500	H 0.25/10
902576		0.25	24	12	8	0.8	1.8	500	H 0.25/12
 902575 turquoise		0.34	22	10	6	0.8	2	500	H 0.34/10
902577		0.34	22	12	8	0.8	2	500	H 0.34/12
 40950 orange	 901900 white	0.5	20	12	6	1	2.6	500	H 0.5/12
69070	901901	0.5	20	14	8	1	2.6	500	H 0.5/14
902587	901902	0.5	20	16	10	1	2.6	500	H 0.5/16
40960	901903	0.75	18	12	6	1.2	2.8	500	H 0.75/12
46290	901904	0.75	18	14	8	1.2	2.8	500	H 0.75/14
902586	901905	0.75	18	16	10	1.2	2.8	500	H 0.75/16
902591	901906	0.75	18	18	12	1.2	2.8	500	H 0.75/18
40970	901907	1	18	12	6	1.4	3	500	H 1/12
46300	901908	1	18	14	8	1.4	3	500	H 1/14
902595	901910	1	18	16	10	1.4	3	500	H 1/16
902593	901911	1	18	18	12	1.4	3	500	H 1/18
46310	901912	1.5	16	14	8	1.7	3.5	500	H 1.5/14
63510	901913	1.5	16	16	10	1.7	3.5	500	H 1.5/16
56560	901915	1.5	16	24	18	1.7	3.5	500	H 1.5/24
901916	901916	2.5	14	14	8	2.2	4.2	500	H 2.5/14
901917	901917	2.5	14	18	12	2.2	4.2	500	H 2.5/18
901918	901918	2.5	14	24	18	2.2	4.2	500	H 2.5/24
901919	901919	4	12	17	10	2.8	4.8	500	H 4/17
901920	901920	4	12	20	12	2.8	4.8	500	H 4/20
901921	901921	4	12	26	18	2.8	4.8	500	H 4/26
53350	901922	6	10	20	12	3.5	6.3	100	H 6/20
56570	901923	6	10	26	18	3.5	6.3	100	H 6/26
53420	901924	10	8	22	12	4.5	7.6	100	H 10/22
56580	901925	10	8	28	18	4.5	7.6	100	H 10/28
56590	901926	16	6	24	12	5.8	8.8	100	H 16/24
56600	901927	16	6	28	18	5.8	8.8	100	H 16/28
31700	901928	25	4	30	16	7.3	11.2	50	H 25/30
31710	901930	25	4	36	22	7.3	11.2	50	H 25/36
31720	901931	35	2	30	16	8.3	12.7	50	H 35/30
31730	901933	35	2	39	25	8.3	12.7	50	H 35/39
44420	901934	50	1,1/0	36	20	10.3	15	50	H 50/36
902820		70	2/0	37	20	12.7	16	25	H 70/40
red 902821		95	3/0	44	25	14.7	18	25	H 95/44
blue 902822		120	4/0	50	30	16.5	21	25	H 120/50




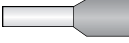
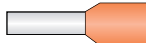

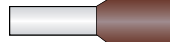


* To convert millimeters (mm) to inches, use formula: $\frac{XXmm}{25.4} = XX \text{ inches}$

Insulated Ferrules (BULK)

Ferrules conform to use with AWG and DIN wire sizes.

Technical Data:
 DIN/VDE 46228 part 4
 Insulator: Polypropylene DS10 w/10ppm Silicon
 Contact: Tin-Plated Copper (E-Cu 57)
 Heat resistant up to 230° F (110° C)
 UL94 Flame Class HB, UL# 983438-002



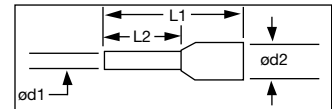
Misc. Part No.	Nominal wire size (mm ²)	AWG	Dimensions (mm)*				Quantity/package	Type
			L1	L2	d1	d2		
 902101	0.25	24	10	6	0.8	1.8	500	H 0.25/10
902102	0.25	24	12	8	0.8	1.8	500	H 0.25/12
 902103	0.75	18	12	6	1.2	2.8	500	H 0.75/12
902104	0.75	18	14	8	1.2	2.8	500	H 0.75/14
902105	0.75	18	16	10	1.2	2.8	500	H 0.75/16
902106	0.75	18	18	12	1.2	2.8	500	H 0.75/18
 133310	2.5	14	14	8	2.2	4.0	500	H 2.5/14S
 902107	2.5	14	14	8	2.2	4.2	500	H 2.5/14
902108	2.5	14	18	12	2.2	4.2	500	H 2.5/18
902109	2.5	14	24	18	2.2	4.2	500	H 2.5/24
 902110	4	12	17	10	2.8	4.8	500	H 4/17
902111	4	12	20	12	2.8	4.8	500	H 4/20
902112	4	12	26	18	2.8	4.8	500	H 4/26
 902113	6	10	20	12	3.5	6.3	100	H 6/20
902114	6	10	26	18	3.5	6.3	100	H 6/26
 902115	10	8	22	12	4.5	7.6	100	H 10/22
902116	10	8	28	18	4.5	7.6	100	H 10/28
 902117	16	6	24	12	5.8	8.8	100	H 16/24
902118	16	6	28	18	5.8	8.8	100	H 16/28
 902119	25	4	30	16	7.3	11.2	50	H 25/30
902120	25	4	36	22	7.3	11.2	50	H 25/36
















* To convert millimeters (mm) to inches, use formula: $\frac{XXmm}{25.4} = XX \text{ inches}$

Insulated Ferrules (STRIPS)

For use with Stripax® Plus (902000) on pages 102.
 Standard ferrules conform to use on AWG and DIN wire sizes.
 DIN ferrules conform to use on DIN wire sizes only.

Technical Data:
 DIN/VDE 46228 part 4
 Insulator: Polypropylene DS10 w/10ppm Silicon
 Contact: Tin-Plated Copper (E-Cu 57)
 Heat resistant up to 230° F (110° C)
 UL94 Flame Class HB, UL# 983438-002



Standard Part No.	DIN Part No.	Misc. Part No.	Nominal wire size (mm ²)	AWG	Dimensions (mm)*				Quantity/package	Type
					L1	L2	d1	d2		
 900427	 900428	 900428	0.5	20	15	8	1	2.6	500**	H 0.5/14
 900429	 900430	 900431	0.75	18	15	8	1.2	2.7	500**	H 0.75/14
 900432	 900433	 900433	1	18	15	8	1.4	3	500**	H 1.0/14
 900434	 900435	 900435	1.5	16	15	8	1.7	3.2	500**	H 1.5/14
 900436	 900436	 900437	2.5	14	15	8	2.2	4	500**	H 2.5/14

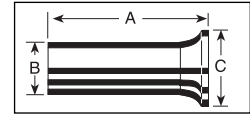
* To convert millimeters (mm) to inches, use formula: $\frac{XXmm}{25.4} = XX \text{ inches}$

** 10 strips of 50 each

Uninsulated Ferrules (BULK)

Ferrules conform to use on AWG and DIN wire sizes.

Technical Data:
 DIN/VDE 46228 part 4
 Contact: Tin-Plated Copper (E-Cu 57)
 Heat resistant up to 230° F (110° C)
 UL94 Flame Class HB
 UL# 983438-002

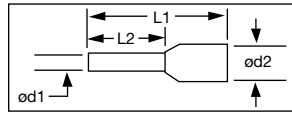


Wire size (mm ²)	AWG	Dimensions (mm)*			Quantity/ package	Type	Part Number
		A	B	C			
0.25	24	5	0.7	1.65	1000	H 0.25/5	901891
0.5	20	6	1	2.1	1000	H 0.5/6	28260
0.5	20	10	1	2.1	1000	H 0.5/10	900405
0.75	18	6	1.2	2.3	1000	H 0.75/6	28270
0.75	18	10	1.2	2.3	1000	H 0.75/10	54250
1	18	6	1.4	2.5	1000	H 1/6	37260
1	18	10	1.4	2.5	1000	H 1/10	28280
1.5	16	7	1.7	2.8	1000	H 1.5/7	37270
1.5	16	10	1.7	2.8	1000	H 1.5/10	18650
1.5	16	12	1.7	2.8	1000	H 1.5/12	900406
1.5	16	18	1.7	2.8	1000	H 1.5/18	900407
2.5	14	7	2.2	3.4	1000	H 2.5/7	37300
2.5	14	10	2.2	3.4	1000	H 2.5/10	900408
2.5	14	12	2.2	3.4	1000	H 2.5/12	18610
2.5	14	18	2.2	3.4	1000	H 2.5/18	900409
4	12	9	2.8	4	500	H 4/9	37310
4	12	12	2.8	4	1000	H 4/12	24410
4	12	15	2.8	4	500	H 4/15	900410
4	12	18	2.8	4	500	H 4/18	900411
6	10	10	3.5	4.7	500	H 6/10	900412
6	10	12	3.5	4.7	500	H 6/12	19190
6	10	15	2.8	4	500	H 6/15	12470
6	10	18	2.8	4	500	H 6/18	900413
10	8	12	4.5	5.8	500	H 10/12	28290
10	8	15	4.5	5.8	500	H 10/15	12480
10	8	18	4.5	5.8	500	H 10/18	37930
16	6	12	5.8	7.5	500	H 16/12	49250
16	6	15	5.8	7.5	500	H 16/15	12430
16	6	18	5.8	7.5	100	H 16/18	37520
16	6	25	5.8	7.5	500	H 16/25	900415
16	6	32	5.8	7.5	500	H 16/32	900416
25	4	15	7.3	9.5	250	H 25/15	12440
25	4	18	7.3	9.5	100	H 25/18	37530
25	4	25	7.3	9.5	100	H 25/25	900417
25	4	32	7.3	9.5	100	H 25/32	900418
35	2	18	8.3	11	100	H 35/18	36890
35	2	25	8.3	11	100	H 35/25	900419
35	2	30	8.3	11	100	H 35/30S	945100
35	2	32	8.3	11	100	H 35/32	900420
50	1,1/0	18	10.3	13	100	H 50/18	900421
50	1,1/0	25	10.3	13	100	H 50/25	902588
50	1,1/0	32	10.3	13	100	H 50/32	900422

* To convert millimeters (mm) to inches, use formula: $\frac{XXmm}{25.4} = XX \text{ inches}$

Insulated Ferrules (RETAIL PACKAGING)

For ferrule dimensions, see chart on page 104

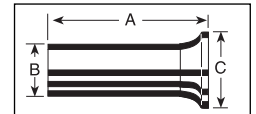


AWG	Part No.	Contents	Color
20	9107	100 pieces of 69070	orange
18	9129	100 pieces of 46290	white
18	9130	100 pieces of 46300	yellow
16	9131	100 pieces of 46310	red
14	9132	100 pieces of 901916	blue
12	9133	100 pieces of 901920	gray
10	9135	100 pieces of 53350	black
8	9142	100 pieces of 53420	ivory
6	9159	100 pieces of 56590	green

Technical Data:
 DIN/VDE 46228 part 4
 Contact: Tin-Plated Copper (E-Cu 57)
 Heat resistant up to 230° F (110° C)
 UL94 Flame Class HB
 UL# 983438-002

Uninsulated Ferrules (RETAIL PACKAGING)

For ferrule dimensions, see chart on page 105



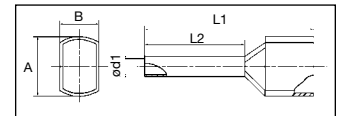
AWG	Part No.	Contents
20	9226	100 pieces of 28260
18	9225	100 pieces of 54250
18	9228	100 pieces of 28280
16	9265	100 pieces of 18650
14	9261	100 pieces of 18610
12	9241	100 pieces of 24410
10	9219	100 pieces of 19190
8	9293	100 pieces of 37930
6	9243	100 pieces of 12430

Technical Data:
 DIN/VDE 46228 part 4
 Contact: Tin-Plated Copper (E-Cu 57)
 Heat resistant up to 230° F (110° C)
 UL94 Flame Class HB
 UL# 983438-002

Dual-Wire Ferrules (BULK)

Standard ferrules conform to use on AWG and DIN wire sizes. DIN ferrules conform to use on DIN wire sizes only.

Technical Data:
 DIN/VDE 46228 part 4
 Contact: Tin-Plated Copper (E-Cu 57)
 Heat resistant up to 230° F (110° C)
 UL94 Flame Class HB
 UL# 983438-002



Standard Part No.	DIN Part No.	Misc. Part No.	Nominal wire size (mm ²)	2 Wires/ Ferrule AWG	Dimensions (mm)†				Qty/ pkg.	Type
					L1	L2	d1	A/B		
900444***	900478***		0.5	20	14.6	8.2	1.4	5/3	500	H 0.5/15
901851***	901852***	901857***	0.75	18	14.6	8.2	1.7	5.5/3	500	H 0.75/15
901851***	900477***		0.75	18	16.4	10	1.7	5.5/3	500	H 0.75/17
901853***	901854***		1.0	18	15.0	8.0	2.0	5.8/3.2	500	H 1.0/15
901853***	900476***		1.0	18	19.0	12	2.0	5.8/3.2	500	H 1.0/20
900441***	900442***		1.5	16	15.8	8.2	2.3	6.5/3.6	500	H 1.5/16
900441***	900475***		2.0	16	19.6	12	2.3	6.5/3.6	500	H 1.5/20
900443*	900443*	901858*	2.5	14	18.5	10	2.9	8/4.5	250	H 2.5/18.5
900474**	900474**		2.5	14	20.5	12	2.9	8/4.5	100	H 2.5/20.5
900473**	900473**	901859**	4.0	12	22	12	3.5	9/5.2	100	H 4/22

These ferrules are packaged in tear-off perforated packs attached to a hanger.
 * 5 packs of 50 each
 ** 5 packs of 20 each
 *** 5 packs of 100 each

† To convert millimeters (mm) to inches, use formula: $\frac{XXmm}{25.4} = XX \text{ inches}$