

Catalog No. 126

JONARD TOOLS®

**MADE FOR LIFE
GUARANTEED FOR LIFE**





JONARD TOOLS®

Premier Manufacturer Since 1958

**MADE FOR LIFE
GUARANTEED FOR LIFE**

OUR MISSION

Engineering Innovative Tools That Move
The Industry Forward & Connect The World



ABOUT US

Founded in 1958, Jonard Tools® manufactures tools for the Telecom, CATV, Fiber Optic, Home Automation, Security & Alarm, and Electrical markets. Jonard Tools is the global leader of Fiber Optic tools. We design and engineer patented products by utilizing customer partnerships to create innovative solutions for industry needs. New tools are released monthly and are Made For Life® and Guaranteed For Life. Through quality and innovation Jonard Tools aims to move the industry forward and connect the world. Our distribution covers all 50 United States and over 100 countries, our brand names are recognized throughout the world.

OUR STORY

The company was founded by Bernard Osten and Renee Fersen Osten in 1958 headquartered in New York. Initially the company carried products such as specialty telecom tools, wrenches, adjusters, and alignment tools. As the industry grew, Jonard Tools grew and expanded their product line to over 800 products today. The headquarters of Jonard Tools is still located in New York with a strong growing global team located around the world.

MOVING FORWARD

We're driven to continually anticipate our customers' changing needs and our dedication to the customer shows in everything we do. We manufacture over 800 unique products and ship 98.7% of all orders complete within 24 hours. We develop 2-3 new products each month. With our premium quality control standards and precise production, we feel confident to offer a lifetime guarantee that is unmatched by our competitors.



MY TOOLBOX

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Cable Comb® Cable Organizing Tool CAT6A/CAT7

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MS-336 Remove

Mid Span Silt & Ring Tool (7.9 mm-11 mm)

View Buy Now



ASW-716 Remove

Angled Head Speed Wrench, 7/16"

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CCB-34

Cable Comb® Cable Organizing Tool CAT6A/CAT7

Alignment, Adjustment, & Burnishers
Networking & IT
Cable Installation & Fishing

Register Product

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Buy Now

Neatly bundle your cables! Jonard Tools' Cable Comb™ Cable Organizing Tool substantially reduces the amount of time it takes to straighten, organize, and lash multiple cables together with ease. The Cable Comb also features the following:

REGISTER PRODUCTS



REGISTER YOUR PRODUCTS FOR FREE SWAG & REWARDS

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Approved Products



CTF-360XL

360° Compression Tool for Long RG6, & RG11 Style F Connectors

View Product

Approved



JIC-375

Fiber Optic Stripper, Three Hole

View Product

Approved



TETP-901

Cable Tester Tone & Probe Kit+ w/ ABN

View Product

Approved



MADE FOR LIFE®

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FIBER OPTIC TOOLS

Fiber optics uses flexible fibers of glass to transmit light signals that allow for higher bandwidths and longer distances than traditional wires. Optical fibers are as thin as a human hair and carry large amounts of data for telecommunication, television, and computer networking. Fiber optic cables usually consist of a core surrounded by cladding, buffer tubes, and an outer jacket. Jonard fiber tools aid in stripping, prepping, connecting, cleaning, and terminating simplex fiber cables, drop cables for FTTH, distribution, and blown fiber cables.

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JIC-125



JIC-175



JIC-180C



JIC-275



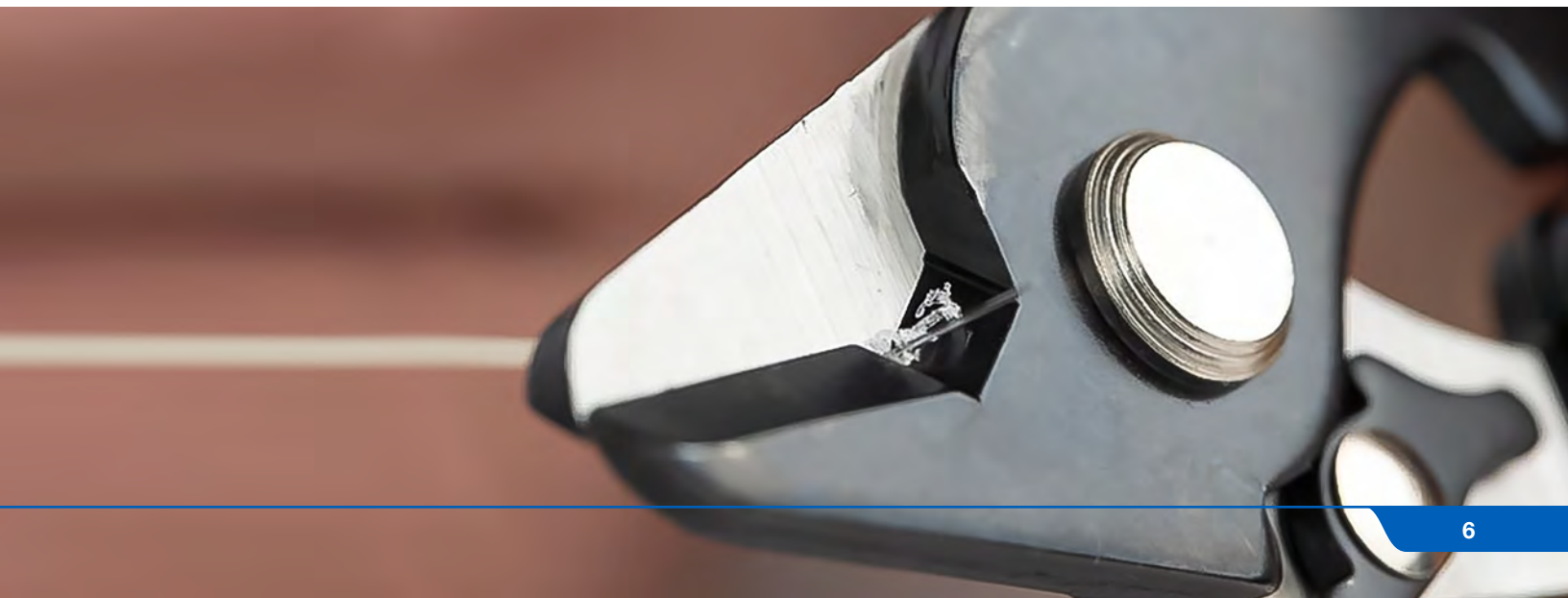
JIC-375

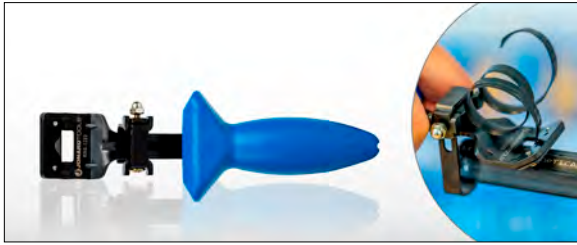
Fiber Optic Strippers

The Jonard fiber optic strippers use preset factory settings so no adjustments are required. This unique design eliminates human error and prevents nicks or scratches from occurring on the optical fibers. Our fiber optic strippers feature the following:

- These tools are made of strong high carbon steel and the blades are ground and hardened for higher durability and longer life
- Ergonomic handle is made of TPR (thermoplastic rubber) for greater comfort
- **JIC-125** and **JIC-175** strips the 250 micron coating down to expose the 125 micron optical fiber
- **JIC-180C** strips the 180 micron coating down to expose the 125 micron optical fiber
- **JIC-275** strips the 600-900 micron buffer coating, and 250 micron coating to expose the 125 micron glass fiber
- **JIC-375** strips the 1.6 mm-3 mm fiber jacket, 600-900 micron buffer coating, and 250 micron coating to expose the 125 micron glass fiber

SPECS	JIC-125	JIC-175	JIC-180C	JIC-275	JIC-375
DESCRIPTION	Compact Fiber Optic Stripper, 250 micron	Ergonomic Fiber Optic Stripper, 250 micron	Ergonomic Fiber Optic Stripper, 180 micron	Fiber Optic Stripper, Two Hole	Fiber Optic Stripper Three Hole
STRIP DIAMETER	250 micron	250 micron	180 micron	250 micron, 600-900 micron	250 micron, 900 micron, 1.6-3.0 mm
NUMBER OF STRIPPING HOLES	1	1	1	2	3
QR CODE					





RocketRibbon® Cable Shaving Tool, 12-22 mm - RRS-1222

Designed to shave thick jacketed cable, such as Corning's armored and non-armored RocketRibbon® cable, this tool is perfect for making access windows on cables 0.47" to 0.87" (12-22 mm) in diameter.

Replacement Blades (Pack of 5): **RRS-1222RB**



RRS-1222



Window Shaving Tool - WST-225

Designed to shave a longitudinal access window in round FTTH riser cables and microducts for mid-span access. This riser slitting tool is perfect for making access windows on cables 8-14 mm (0.33" to 0.55") in diameter without damaging the fiber inside.

Replacement Blades (Pack of 25): **RST-RB25**



WST-225



Mid Span Shaving Tool (1.0 mm-3.3 mm) - MS-600

The **MS-600** Mid Span Shaving Tool is designed to provide easy access to optical fibers in outer jackets and loose buffer tubes. With 6 precision grooves to handle various cable sizes, the sleek ergonomic design allows you to open a fiber jacket or buffer tube without damaging the fiber inside.

Replacement Blade Set: **MS-600RB**







MS-600



Round Cable Strip & Ring Tools

The **PATENTED** Round Cable Strip & Ring Tools are designed for fast and precise removal of cable jackets from round cables. Triple action design makes longitudinal cuts for end stripping, spiral cuts for end and mid span stripping, and circular cuts for jacket removal.

SPECS	CST-900	CST-1140	CST-1900	CST-4000
CUT TYPE	Slit, Ring	Slit, Ring	Slit, Ring	Slit, Ring
CABLE DIAMETER	.0315" - 1.10" (8 mm-28 mm)	3/16" - 1 1/8" (4.5 mm-29 mm)	3/16" - 1 1/8" (4.5 mm-29 mm)	3/4" - 1 5/8" (19 mm-40 mm)
QR CODE				



CableSaber™ Armored Strip & Ring - AST-200

The award winning **CableSaber™** is the ultimate tool for gaining mid-span access to armored or thick jacketed cables 4 mm-28.6 mm (0.157" to 1.125") in diameter.

Replacement Blades (Pack of 2): **AST-200RB**



AST-200



CableSaber+™ Armored Cable & Fiber Duct Slitter - AST-210

The Jonard Tools **CableSaber+™** is the ultimate tool for gaining mid-span access to armored or thick jacketed cables 4 mm-30.0 mm (0.157" to 1.181") in diameter, such as Corning's 1728 RocketRibbon® cable.

Replacement Blades (Pack of 2): **AST-210RB**



AST-210



Precision Fiber Optic Stripper (180-330 Micron) - ST-300

Designed for precision fiber optic stripping, this tool is perfect for stripping the 180-330 micron acrylate coating to expose the 125 micron glass fiber of fiber optic cables.



ST-300



Precision Fiber Optic Stripper (600-1100 Micron) - ST-950

Designed for precision fiber optic stripping, this tool is perfect for stripping the 600-1100 micron buffer coating to expose the 250 micron acrylate-coated glass fiber of fiber optic cables.



ST-950



Fiber Drop Cable Strippers

Designed to strip FTTH drop cables, these drop cable strippers strip the outer jacket of drop cables and cuts the strength members to expose the fiber inside.

- Works on cables with FRP or steel strength members
- Removes the outer jacket without damaging or nicking the fiber
- Fiber support is scaled to help determine strip length



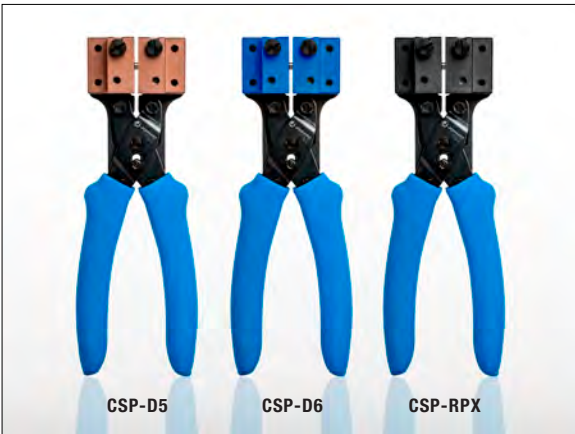
FDS-216



FDS-312

FDS-216 - Strips FTTH drop cables sized 1.6 mm by 2.0 mm

FDS-312 - Strips FTTH drop cables sized 3.1 mm by 2.0 mm



Cable Slitting Pliers

Designed with a spring-loaded ergonomic handle and ultra-sharp blades, these pliers are perfect for slitting open DAC cables and RPX® gel-free ribbon cables to access the fibers inside without damaging them. These cable slitting pliers also feature the following:

- Ultra-sharp blade slits through DAC and RPX® cable jackets with ease
- Blade is fixed to prevent damage to the internal fibers, with no adjustments needed
- Guide blocks hold the cable in place for accurate and precise cable slitting
- Spring-loaded ergonomic handles provide a comfortable grip and reduce hand fatigue
- Set screws on blade block makes it quick and easy to replace the blade

Kits include: Cable Slitting Pliers, Replacement Blades, Hard Carrying Case

SPECS	CSP-D5	CSP-D5K	CSP-D6	CSP-D6K	CSP-RPX
DESCRIPTION	Cable Slitting Pliers for DAC Cable, 5 mm	Cable Slitting Pliers Kit for DAC Cable, 5 mm	Cable Slitting Pliers for DAC Cable, 6 mm	Cable Slitting Pliers Kit for DAC Cable, 6 mm	Cable Slitting Pliers for RPX® Cable
CABLE TYPE	5 mm DAC	5 mm DAC	6 mm DAC	6 mm DAC	RPX®
REPLACEMENT BLADES	CSP-10RB	CSP-10RB	CSP-10RB	CSP-10RB	CSP-10RB
REPLACEMENT BLADE BLOCK SET	CSP-D5B		CSP-D6B		CSP-RPXB
QR CODE					











Mid Span Slitters





These **PATENTED** tools are designed to open fiber jackets and loose buffer tubes to provide easy fiber access. The buffer tube slitting is done without damage to the fiber. Blades are replaceable.

Simple to use:

- Select the correct groove. Grooves marked with the recommended fiber size
- Place the fiber in the groove to be used
 - NOTE: The arrow on the top of the tool indicates the pulling direction and the line indicates the blade location
- Close the tool making sure lock is engaged and pull to slit the fiber
 - For ring operation repeat steps above and, instead of pulling, rotate the tool 3-6 times to ring the cable

SPECS	MS-6	MS-26	MS-306	MS-316
DESCRIPTION	Mid Span Slitter (1.2 mm-3.3 mm)	Large Mid Span Slitter (2.9 mm-6.8 mm)	Mid Span Slit & Ring Tool (1.2 mm-3.3 mm)	Mid Span Slit & Ring Tool (2.9 mm-6.8 mm)
NO. OF PRECISION GROOVES	6 (Slitting Only)	5 (Slitting Only)	12 (6 Slitting, 6 Ringing)	10 (5 Slitting, 5 Ringing)
GROOVE SIZES (MM)	1.2-1.5, 1.5-1.8, 1.8-2.1, 2.1-2.5, 2.5-2.9, 2.9-3.3	2.9-3.6, 3.6-4.4, 4.4-5.2, 5.2-6.0, 6.0-6.8	1.2-1.5, 1.5-1.8, 1.8-2.1, 2.1-2.5, 2.5-2.9, 2.9-3.3	2.9-3.6, 3.6-4.4, 4.4-5.2, 5.2-6.0, 6.0-6.8
REPLACEMENT CARTRIDGE	MSB-1533	MSB-2968	MS-306RB	MS-316RB
QR CODE				

SPECS	MS-326	MS-336	MS-426	MS-446
DESCRIPTION	Micro Duct Fiber Cable Slit & Ring Tool (5 mm-10 mm)	Mid Span Slit & Ring Tool (7.9 mm-11.0 mm)	Mid Span Slit & Ring Tool (5.8 mm-12 mm)	Mid Span Slit & Ring Tool (8.7 mm-14.6 mm)
NO. OF PRECISION GROOVES	10 (5 Slitting, 5 Ringing)	4 (2 Slitting, 2 Ringing)	8 (4 Slitting, 4 Ringing)	8 (4 Slitting, 4 Ringing)
GROOVE SIZES (MM)	5.0-5.6, 6.0-6.6, 7.2-7.8, 7.8-8.4, 9.4-10	7.9-8.2, 10.7-11.0	5.8-6.4, 7.8-8.4, 9.8-10.4, 11.2-12	8.7-9.1, 9.5-9.9, 11.8-12.2, 14.2-14.6
REPLACEMENT CARTRIDGE	MSB-5010	MS-336RB	MS-426RB	MS-446RB
QR CODE				

SPECS	MS-526	MS-600	MS-836	MS-ROC
DESCRIPTION	Mid Span Slit & Ring Tool (10.2 mm-18.2 mm)	Mid Span Shaver (1.0 mm-3.3 mm)	Mid Span Slit & Ring Tool for RocketRibbon® Cable (11.6 mm-22.6 mm)	ROC Drop Cable Slitter, Fiber Access Tool (4.2 mm-5.5 mm)
NO. OF PRECISION GROOVES	8 (4 Slitting, 4 Ringing)	6 (Slitting Only)	8 (4 Slitting, 4 Ringing)	(2) Shave
GROOVE SIZES (MM)	9.8-10.2, 11.8-12.2, 15.4-15.8, 17.8-18.2	1.0-1.4, 1.4-1.8, 1.8-2.1, 2.1-2.5, 2.5-2.9, 2.9-3.3	11.6-12.0, 14.5-14.9, 16.8-17.2, 22.2-22.6	4.2, 5.5
REPLACEMENT CARTRIDGE	MS-526RB	MS-600RB	MS-836RB	MS-ROCRB
QR CODE				



Fiber Slit & Ring Tool for EZ!Fuse™ SC & LC Splice-On Connectors - EZSR-23

The **EZSR-23** Fiber Slit & Ring Tool has been specially designed to prepare 2 mm and 3 mm fiber optic cables for connecting with Fitel EZ!Fuse™ SC & LC Splice-On Connectors. This tool saves time and makes the connecting process extremely easy by having a ringing dial and slitting channel with preset lengths.



EZSR-23



Cable Slit & Ring Tool - CSR-1575

Designed to slit and ring fiber optic cables from 1.2 mm-7.5 mm (0.05" to 0.3") in diameter, this cable slit and ring tool is perfect for slitting and ringing cables, buffer tubes, and jackets on fiber optic cables.



CSR-1575

Replacement Blade: **CSR-2**



Compact Cable Slit & Ring Tools

Designed to slit and ring fiber optic cables, these cable slit and ring tools are perfect for slitting and ringing cables, buffer tubes, and jackets on fiber optic cables.



CSR-125

CSR-125 - For fiber optic cables from 0 to 0.125" in diameter

CSR-250 - For fiber optic cables from 0.125" to 0.250" in diameter

CSR-316 - For fiber optic cables from 0.1875" to 0.3125" in diameter



CSR-250

Replacement Blade Set for **CSR-125** & **CSR-250**: **CSR-125RB**



CSR-316



Slit & Ring Tools - JIC-4366 & JIC-4377

The **JIC-4366** Cable Slit & Ring Tool and the **JIC-4377** Fiber Jacket Slit & Ring Tool are used as cable sheath and jacket slitters. Both tools have a ringing blade under the back handle and come with one spare ringing blade and one spare slitting blade. The **JIC-4377** has a shorter L-shaped steel guide along the slitting blade allowing you to slit the OFS Minicord EZ-Bend and other similar cables.



JIC-4366

Replacement Blades for Ring Cut (Pack of 6): **RB-2060/6**

Replacement Blades for Slit Cut (Pack of 6): **RB-2878/6**



JIC-4377



Riser Slitting Tool - RST-8514

Designed to shave a longitudinal access window in round FTTH riser cables and microducts for mid-span access. This riser slitting tool is perfect for making access windows on cables 8-14 mm (0.33" to 0.55") in diameter without damaging the fiber inside.



RST-8514

Replacement Blades (Pack of 25): **RST-RB25**



Fiber Optic Drop Cable Slitter - FOD-2000

The Jonard Tools **PATENTED** and award-winning **FOD-2000** Fiber Optic Drop Cable Slitter simplifies the slitting of drop cable jackets at mid span or end sections and is perfect for FTTH technicians working with flat fiber drop cables



FOD-2000

Replacement Blades (Pack of 25): **FOD-RB25**



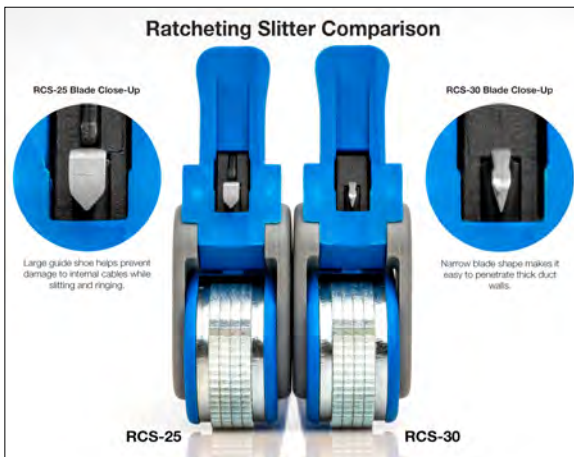
Fiber Optic Round Cable Slitter - FOR-3000

The Jonard Tools **FOR-3000** Round Cable Slitter is designed to easily and safely open round fiber optic cable jackets from 9 mm to 19 mm in diameter. It is ideal for any FTTH or maintenance technician that needs to work with round fiber optic cables, whether mid span or end-run.





FOR-3000

Replacement Blade: **FOR-3000RB1**



Ratcheting Duct and Cable Slitters

These ratcheting cable slitters are designed to dismantle heavy-duty cables. The **RCS-25** and **RCS-30** both slit and ring round cables greater than 1" (25 mm) in diameter, and the **RCS-30** can also be used to make window cuts in ducts up to 5 mm thick.

SPECS	RCS-25	RCS-30
CUT TYPE	Slit & Ring	Window, Slit & Ring
APPLICATION	Cables	Cables & Ducts
REPLACEMENT BLADES	RCS-25RB	RCS-30RB
QR CODE		



Submariner Cable & Large Duct Slitter - RCS-50

Designed to open the toughest heavy-duty cable jackets, the **RCS-50** is perfect for performing lateral and longitudinal cuts on submariner cables, large fiber ducts, or large count telephone cables at least 1 1/2" (3.81 cm) in diameter.



RCS-50

Includes the **H-20** rugged carrying case.



Microduct Sheath Slitting Tool - MDS-100

Designed with slim safety heads and high carbon steel blades, this microduct sheath is perfect for slitting the sheaths off microduct bundles to access the microducts inside.



MDS-100

- Unique slim head design gets in between microducts easily while preventing accidental nicks and cuts
- High carbon steel blade slices through microduct sheaths with ease

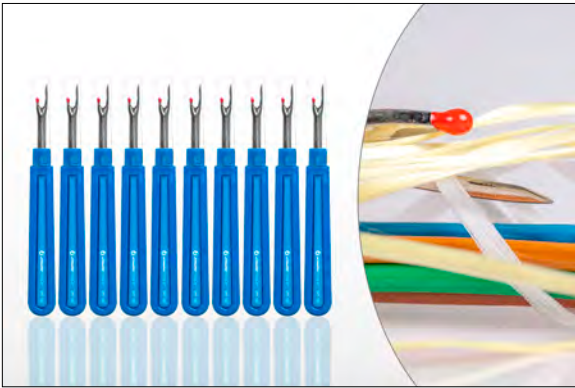


Buffer Tube Ringer (up to 6 mm) - BTR-6

The Jonard Tools **BTR-6** Buffer Tube Ringer tool provides quick access to fibers inside buffer tubes up to 6 mm in diameter and will work with buffer tubes with wall thicknesses up to 1 mm. The tool is light and durable with a hardened steel blade for long life and includes a hole for tethering.



BTR-6



Buffer Tube Binder Ripper Tool, Pack of 10 - BRT-100

Designed to cut through the water blocking binders of buffer tube bundles or other thin ropes and strings, this binder ripper is a must-have tool for any fiber optic cable technician. This binding ripper features the following:

- Long handle for ergonomic grip while cutting through binders
- Super sharp blade cuts through water blocking binders with ease
- Included safety cap prevents accidental damage while stored



BRT-100



Rollable Ribbon Fiber Separator - RFS-100

Designed for use on Rollable or Spyder type ribbon fiber optic cables, this tool is perfect for separating the matrix of fibers in ribbon fiber optic cables quickly and easily.



RFS-100



Crimper w/ Fiber Optic Die - UC-8039

Designed for use with FC, ST, SC, LC, SMA, and MT-RJ connectors, this crimper is the perfect tool for crimping fiber optic connector collars.

Kit includes:

Universal Crimper Without Die
UC-8000

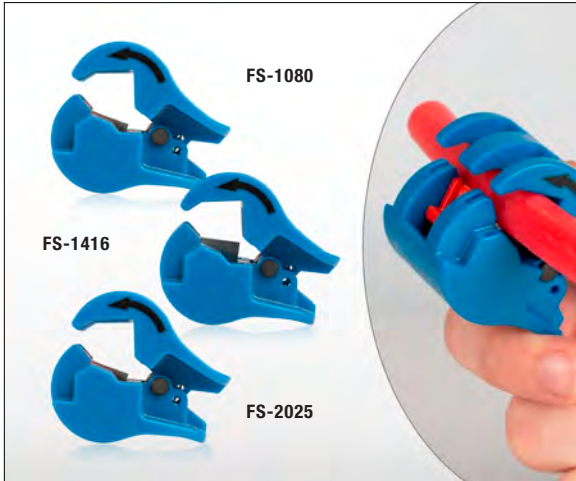


Fiber Optic Crimping Die
UCD-2685



UC-8039





Microduct Scoring Tools, 5-16 mm

The Jonard Tools Microduct Scoring Tools are perfect for scoring and ringing fiber optic microducts without damaging the fibers inside.

FS-1080 - For scoring & ringing 10/8 and 12/10 fiber optic microducts

- For 1.0 mm-1.3 mm ducts

Replacement Blade Cartridge: **FS-1080RB**

FS-1416 - For scoring & ringing 14/10 and 16/10 fiber optic microducts

- For 1.3 mm-3.0 mm thick ducts

Replacement Blade Cartridge: **FS-1416RB**

FS-2025 - For scoring & ringing 14/10 and 16/10 fiber optic microducts

- For 2.0 mm-2.5 mm thick ducts

Replacement Blade Cartridge: **FS-2025RB**



FS-1080



FS-1416



FS-2025



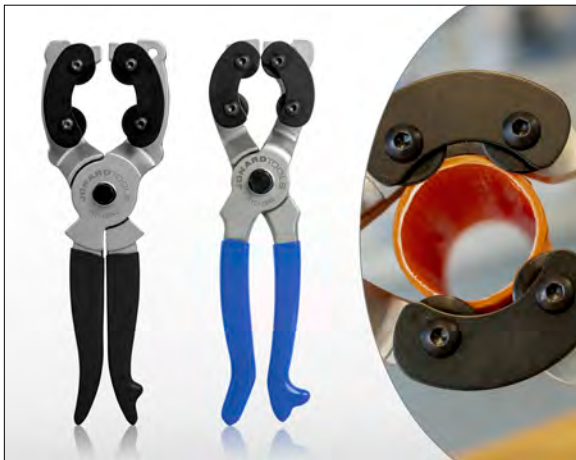
Rapid Microduct Deburring Tool - DB-5

Designed to deburr the insides of microduct tubes, this rapid microduct deburring tool is perfect for preparing the inside of fiber optic microduct tubes for termination.

Replacement Blades (Pack of 5): **DB-5RB**





DB-5



360° Rotary Duct & Tube Cutters

Designed to ring large HDPE or other similar fiber optic ducts, these rotary duct and tube cutters are perfect for making circular cuts in large fiber ducts without damaging the fiber inside.

SPECS	RTC-2640	RTC-3652
DUCT DIAMETER	1" - 1.5" (26 - 40 mm)	1.4" - 2" (36 - 52 mm)
CUTTING DEPTH	0.157" (4 mm)	0.181" (4.6 mm)
REPLACEMENT BLADES	RTC-2640RB	RTC-3652RB
QR CODE		



Tube Cutter 1/4"-3" (6.3 mm-76 mm) - TC-300

Designed to perform radial cuts on 1/4" to 3" (6.3-76 mm) copper, brass, aluminum and plastic tubes, this tube cutter is perfect for cutting open fiber optic ducts and other tubes without damaging anything inside them.

- Cutting wheel can be removed easily without tools



TC-300



Microduct Tube Cutter - MDC-14

Designed to cut microducts cleanly and straight, this microduct cutter is perfect for cutting most microducts including tubing made from PVC, Nylon, and other materials up to 14 mm (9/16") in diameter.



MDC-14

Microduct Cutter - MDC-28

Designed to create quick, clean, and straight cuts in fiber ducts up to 28 mm, this duct cutter is perfect for cutting PVC, CPVC, HDPE, and other plastic tubing.



MDC-28

Replacement Blade: **MDC-28RB**



Large Fiber Duct Cutter - MDC-64

Designed to cut large fiber ducts up to 64 mm (2.52") in diameter, this fiber duct cutter is perfect for cutting PVC, CPVC, PE, HDPE, PEX and other nonmetallic tubing. Length: 9.5" (241.3 mm)



MDC-64

Replacement Blade: **MDC-64RB**

Large Fiber Duct Cutter w/ Extra Long Handles - MDC-125

Designed to cut large fiber ducts up to 64 mm (2.52") in diameter, this fiber duct cutter is perfect for cutting PVC, CPVC, PE, HDPE, PEX and other nonmetallic tubing. Length: 12.5" (31.75 cm)



MDC-125



Duct Kit - TK-268

Featuring our most popular slitting, ringing, and cutting tools, this Duct Kit provides a large range of tools needed to access ducts to repair or replace fiber optic cable.



TK-268

Kit includes:

DB-5 Rapid Microduct Deburring Tool, **FL-2000** LED Flashlight with Zoom Lens, **FS-1080** Thin-walled Microduct Scoring Tool, 5-16 mm, **FS-1416** Thick-walled Microduct Scoring Tool, 5-16 mm, **H-90** Rugged 21 Pocket Tool Case, **JIC-2288** High Leverage Diagonal Cutting Pliers, 8", **KN-200INS** Insulated Cable & Duct Sheathing Knife, **MDC-14** Microduct Tube Cutter, **MDC-28** Microduct Cutter, **MDC-64** Large Fiber Duct Cutter, **MDS-100** Microduct Sheath Slitting Tool, **RCS-30** Ratcheting Duct and Cable Slitter, **SD-41** 4-in-1 Multi-bit Pocket Precision Screwdriver, **SD-61** 6-in-1 Multi-Bit Screwdriver with Phillips and Slotted Bits



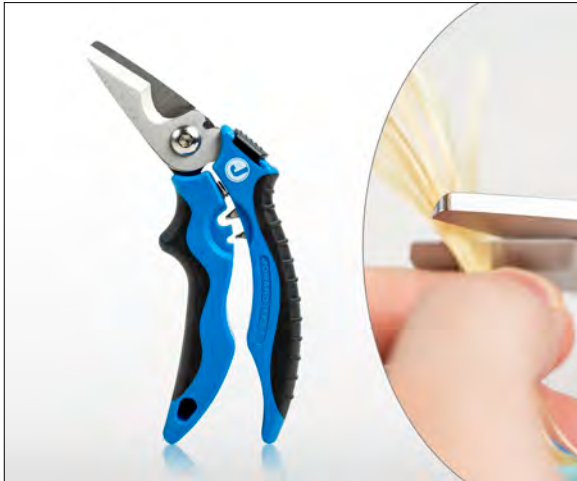
Wire & Kevlar® Cutting Shears - JIC-186

The Jonard Tools **JIC-186** Wire and Kevlar® Cutting Shears are designed to cut Kevlar®, cabling insulation, tape, cable ties, and other materials with ease. These cutting shears feature the following:



JIC-186

- High carbon stainless steel blades are heat-treated to HRC 58-60 for longer life and durability



Multi-function Kevlar® & Wire Cutting Shears, 7" - KWC-700

Designed with serrated blades, large cutting notch, non-insulated terminal crimpers, and spring-loaded handles the Jonard Tools **KWC-700** Multi-function Kevlar® & Wire Cutting Shears are the ultimate scissors for any fiber technician or electrician. These cutting shears feature the following:

- Blades made from 4034 Japanese stainless steel for the best cutting performance and long life
- Curved handle design with spring-loaded handles greatly reduce hand and wrist fatigue
- Serrated blade edge grips Kevlar® and other delicate materials firmly while cutting



KWC-700



Flush Cut Kevlar® Cutters - JIC-190

The Jonard Tools **JIC-190** Flush Cut Kevlar® Cutters are designed to cut Kevlar®, cabling insulation, tape, cable ties, and other materials flush to the surface.

- Spring-loaded TPR (thermoplastic rubber) handles return to the open position for enhanced ergonomics and reduced hand fatigue



JIC-190



Insulated Cable & Duct Sheathing Knife - KN-200INS

Designed with a curved blade and insulated handle, this cable sheathing knife is the perfect tool for slitting or cutting the sheathing off cables without damaging the conductor insulation inside.

- Ultra sharp, dual-sided blade can cut cable or duct jacket sheath from either side by pushing or pulling the tool through the cable



KN-200INS



Insulated Cable Dismantling Knife w/ Blade Guard - KN-300INS

Designed with a blade guard and replaceable straight blade, this insulated cable knife is perfect for cutting around jacketed cables without the risk of accidental cuts and nicks.

Replacement Blades (Pack of 4): **KN4-RB**



KN-300INS





Fiber Optic Scribe - FS-616

Designed with a 35° beveled edge and 6 mm wide carbide blade, this fiber optic scribe is the perfect tool for scribing optical fiber. This scribe features the following:

- Durable anodized aluminum housing provides a comfortable and durable grip
- Ideal for “scratch & pull” technique of scribing fiber



FS-616



Fiber Cleaver - FC-220

Designed to cleave either 900 µm buffered or 250 µm coated fiber, this fiber cleaver’s quick and easy three step operation is perfectly suited for mechanical splicing and quick field termination of fiber connectors.

Replacement Carbide Steel Blade: **FC-4**; Replacement Leaf Spring: **FC-65**



FC-220



Precision Fiber Optic Cleaver - FC-500

The Jonard Tools **FC-500** Precision Fiber Cleaver is designed to provide a precise cleave and prepare a fiber to be fusion spliced for 250 µm and 900 µm coated optical fiber.

Replacement Blade: **FC-500RB**



FC-500



One Step Fiber Optic Cleaver w/ Auto-Rotating Blade - FC-600

The Jonard Tools **FC-600** Precision Fiber Cleaver is designed to provide a precise, one step cleave to prepare fiber to be fusion spliced. The one step design automatically cleaves the fiber, rotates the blade, and collects fiber scraps.

Replacement Blade: **FC-600RB**



FC-600



Fiber Connector Tools

The **FCT-100** and **FCT-200** fiber connector tools are perfect for inserting and extracting fiber connectors in high-density patch panels. The unique jaws of the tools were specially designed to easily navigate tight spaces and grasp connectors firmly without damaging them or touching any surrounding connectors.

SPECIFICATIONS	FCT-100	FCT-200
FIBER CONNECTOR	LC, SC-Simplex, SC-Duplex, MU, MT-RJ	LC Simplex, SC Simplex, MU
QR CODE		



V-Groove Cleaning Brush, Metal & Nylon - VGB-100

Designed to clean the built-up acrylate coating in fusion splicer v-grooves, this double-ended brush is the perfect tool to clean and maintain fusion splicers. This brush also features the following:

- Angled stainless steel bristles on one side of the brush scrape any hard-to-clean debris out of v-grooves
- Nylon bristles on the other side of the brush gently push debris out of the way



VGB-100



Safety Glasses - SG-5

Jonard Tools' Safety Glasses are designed for working safely with glass fiber or where eye protection is needed. These glasses also feature the following:

- Anti-fogging design allows the lenses to breathe, preventing fog build up
- Soft plastic nose pieces prevent glasses from slipping



SG-5



Fiber Optic Tweezers, 5" - FTW-5

Jonard Tools' Fiber Optic Tweezers are designed to handle electrical wire, fiber optic cable, and small electronic components without damaging them. These tweezers feature the following:

- Fine point tip with rounded edges for handling delicate components or fiber optic cable



FTW-5



Fiber Optic Polishing Work Mat, 22" x 14" - FWM-2214

Jonard Tools' Fiber Optic Polishing Work Mat is designed to increase the visibility of fiber scraps while providing a work space for fiber maintenance. This work mat also features the following:

- Made from a dual-sided black vinyl material which sticks to smooth surfaces on one side, while providing a comfortable work space on the other



FWM-2214



Fiber Optic Safety Kit - FSK-5

Featuring our latest and greatest fiber optic safety equipment, this Fiber Safety Kit provides the essential gear needed to safely prepare or repair fiber optic cables.

Includes:

- **FDC-66** Fiber Scraps Disposal Can
- **FTW-5** Fiber Optic Tweezers, 5"
- **FW-5** Fiber Wipes, Wet (Pack of 5)
- **FWM-2214** Fiber Optic Polishing Work Mat, 22" x 14"
- **SG-5** Safety Glasses
- **H-22** Rugged Carrying Case with Straps



FSK-5



Fiber Optic Power Meters and Light Sources

Jonard Tools makes fiber optic test equipment for many applications. Various adapter options are available to test all types of fiber connectors.

SPECS	FLS-50	FLS-55	FPM-50A	FPM-50S	FPM-55	FPM-70	PON-50	PON-55
DESCRIPTION	Optical Light Source	Multi-mode & Single-mode Fiber Optic Light Source	Fiber Optic Power Meter	Mini Optical Power Meter, (-50 to +26dBm)	Fiber Optic Power Meter with Data Storage	Fiber Optic Power Meter	Passive Optical Network Power Meter	Passive Optical Network Power Meter
NETWORK TYPES	PC/UPC	PC/UPC	PC/UPC/APC	APC/PC/UPC	APC/PC/UPC	APC/PC/UPC	BPON/EPON/GPON	BPON/EPON/GPON, APC
CONNECTOR TYPES	LC, FC/SC	LC, FC/SC	FC, SC, LC	FC (APC/PC/UPC) & LC (PC/UPC)	FC, SC, LC	FC, SC, LC	FC/SC	FC/SC (APC)
WAVELENGTHS (NM)	1310, 1550	850, 1300, 1310, 1550	850, 980, 1300, 1310, 1490, 1550, 1625, 1650	850, 980, 1300, 1310, 1490, 1550, 1625, 1650	850, 980, 1300, 1310, 1490, 1550, 1625, 1650	850, 980, 1300, 1310, 1490, 1550, 1625, 1650	1310, 1490, 1550	1310, 1490, 1550
DETECTOR TYPE	N/A	N/A	InGaAs	InGaAs	InGaAs	InGaAs	InGaAs	InGaAs
MEASUREMENT RANGE	N/A	N/A	-50 dBm to +26 dBm	-50 dBm to +26 dBm	-50 dBm to +26 dBm	-70 dBm to +6 dBm	-35 dBm to +10 dBm at 1310 nm/1490 nm, -35 dBm to +20 dBm at 1550 nm	-40 dBm to +10 dBm
QR CODE								



FTTH Prep Kit w/ Power Meter - TK-185

The Jonard Tools **TK-185** FTTH Prep Kit w/ Power Meter offers cleaning and preparation products for use on 1.25 mm and 2.5 mm connector end-faces and bulkhead adapters.



TK-185

Kit includes:

- **DW-90** Dry Wipes for Cleaning Fiber
- **FCC-250** Fiber Connector Cleaner, 2.5 mm
- **FC-500** Precision Fiber Cleaver
- **FDC-66** Fiber Scraps Disposal Can
- **FDS-312** Fiber Drop Cable Stripper
- **FPM-50A** Fiber Optic Power Meter w/ Adapters (**PON-50** also available)
- **JIC-186** Wire & Kevlar® Cutting Shears
- **JIC-375** Fiber Optic Stripper, Three Hole
- **H-22** Rugged Carrying Case with Straps
- **VFL-150** Visual Fault Locator Kit



Optical Fiber Identifier - OFI-50

Designed to quickly identify the direction of transmitted fiber and display the relative core power without damaging the fiber, this fiber identifier is the perfect tool for identifying fiber in network systems without disrupting the network.



OFI-50



Advanced Optical Fiber Identifier w/ Power Meter & VFL - OFI-100

Designed to quickly identify the direction of light being transmitted in the fiber and display the relative core power without damaging the fiber. This fiber identifier is the perfect tool for identifying fiber in network systems without disrupting the network and includes a built-in VFL and Power Meter for convenience.



OFI-100



Visual Fault Locator Kits

Works on FC, SC, ST connectors and will work on LC connectors when used with the included adapter. Distance up to 5 km (3.1 miles).

VFL-150 Includes:

- **VFL-25** Visual Fault Locator
- **VFL-25125** FC to LC Adapter for **VFL-25**
- (2) AAA Batteries

VFL-300 Includes:

- **VFL-25125** FC to LC Adapter
- Carrying Pouch
- (2) AAA Batteries

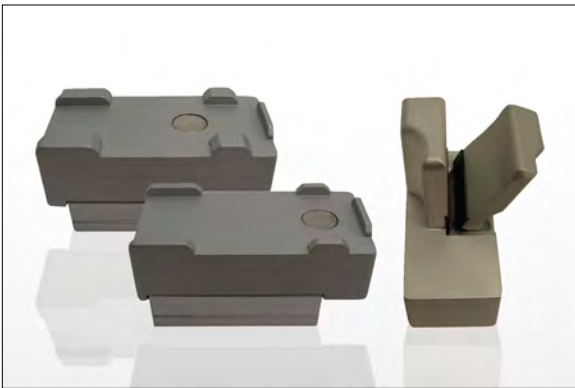


VFL-150



VFL-300





Thermal Strippers

Designed to thermomechanically remove coatings from optical fibers with cladding, these Thermal Strippers are perfect for stripping extremely difficult or baked-on coatings with ease. These thermal strippers also features the following:

- Adjustable heater up to 200°C, with the ability to remove some fluoroacrylate undercoatings using high temperature
- Adjustable temperature and time settings allow it to adapt to a wide range of acrylate coatings and cladding sizes

TSAB-40 - Thermal Stripper, Adjustable Blade

- Supports optical fibers with cladding diameters from 30 µm to 1000 µm, with buffer diameters up to 1200 µm, including 250 µm, 400 µm, and 900 µm coated fibers



TSAB-40

TSFB-125 - Thermal Stripper, Fixed Blade

- Supports optical fibers with cladding diameter of 125 µm, with buffer diameters from 250 µm to 900 µm, including 250 µm, 400 µm, and 900 µm coated fibers



TSFB-125

TFS-100 - Handheld Thermal Stripper for Ribbon or Simplex Fiber

- The Jonard Tools **TFS-100** portable wireless thermal stripper is designed to strip the jacket off single fiber and up to 12-strand ribbon fiber cable. With an outstanding heating time of 4 seconds, and a rugged aluminum housing, this is the perfect thermal stripper for on-the-go use.



TFS-100

Thermal Stripper Platforms & Universal Clamp

For Fitel, Fujikura and Ericsson fiber holders use the corresponding platforms. For LDF and all others without fiber holders use the Jonard Tools Universal Clamp.

SPECS	TSPE-125	TSPF-125	TSUC-40
DESCRIPTION	Platform for Thermal Stripper Holders, Ericsson	Platform for Thermal Stripper Holders, Fitel/ Fujikura	Universal Clamp for Thermal Strippers
QR CODE			



PRECISION TESTING



OTDR-1500

These Jonard Tools professional **Multi-Function OTDRs** are the perfect all-in-one handheld devices for evaluating FTtx and access network construction and maintenance, identifying fiber breakpoints, measuring cable length, and calculating relative optical power losses.



OTDR-1000



OTDR-1500

PROFESSIONAL MULTI-FUNCTION OTDR, 1310/1550 NM

- 5 different testing functions
- Large, bright 7.5" color LCD touch screen makes it quick and easy to evaluate data
- More accurate testing with a 32/30 Dynamic Range
- Dual wavelength testing (see both 1310 & 1550 wavelengths simultaneously)
- Handy stylus to keep LCD screen fingerprint free
- 200 MB internal storage with MicroSD/TF card slot for additional memory
- On-board Wi-Fi connectivity for data transfers or live viewing of data (for Android devices)
- Includes FC/APC & SC/APC OTDR adapters, LC/UPC adapter for OPM, downloadable software, power adapter, calibration certificate, instruction manual, and convenient unit kickstand

SCAN THE QR CODES FOR ADDITIONAL INFORMATION & SOFTWARE DOWNLOAD!



OTDR-1000

MULTI-FUNCTION MINI PRO OTDR

- 8 different testing functions
- Bright 3.5" color LCD screen makes it quick and easy to evaluate data
- 600 MB internal storage with MicroSD/TF card slot for additional memory
- Includes FC, SC, and LC (PC/UPC) OTDR adapters for fiber optic cables, downloadable software, power cord with plug adapters, alcohol wipes, instruction manual, and carrying case

BOTH DEVICES ALSO FEATURE:

- Rubberized hard plastic case is shock-proof and drop-proof for maximum durability
- Built-in rechargeable lithium ion battery provides power on-the-go
- Can be charged or connected to a computer for data transfer via included micro-USB cable





Multi-Function OTDR - OTDR-1000

Jonard Tools' Mini Pro OTDR is the perfect all-in-one handheld device for evaluating FTTx and access network construction and maintenance, identifying fiber breakpoints, measuring cable length, and calculating relative optical power losses. This Mini Pro OTDR also features the following:



OTDR-1000

- Includes 8 different functions for testing and evaluating fiber optic and network cables
- Bright 3.5" color LCD screen makes it quick and easy to evaluate data
- Rubberized hard plastic case is shock-proof and drop-proof for maximum durability
- 600 MB internal storage with MicroSD/TF card slot for additional memory
- Built-in rechargeable lithium ion battery provides power on-the-go
- Includes FC, SC, and LC (PC/UPC) OTDR adapters for fiber optic cables, downloadable software (also featured in the download section of this product page), power cord with plug adapters, alcohol wipes, and instruction manual



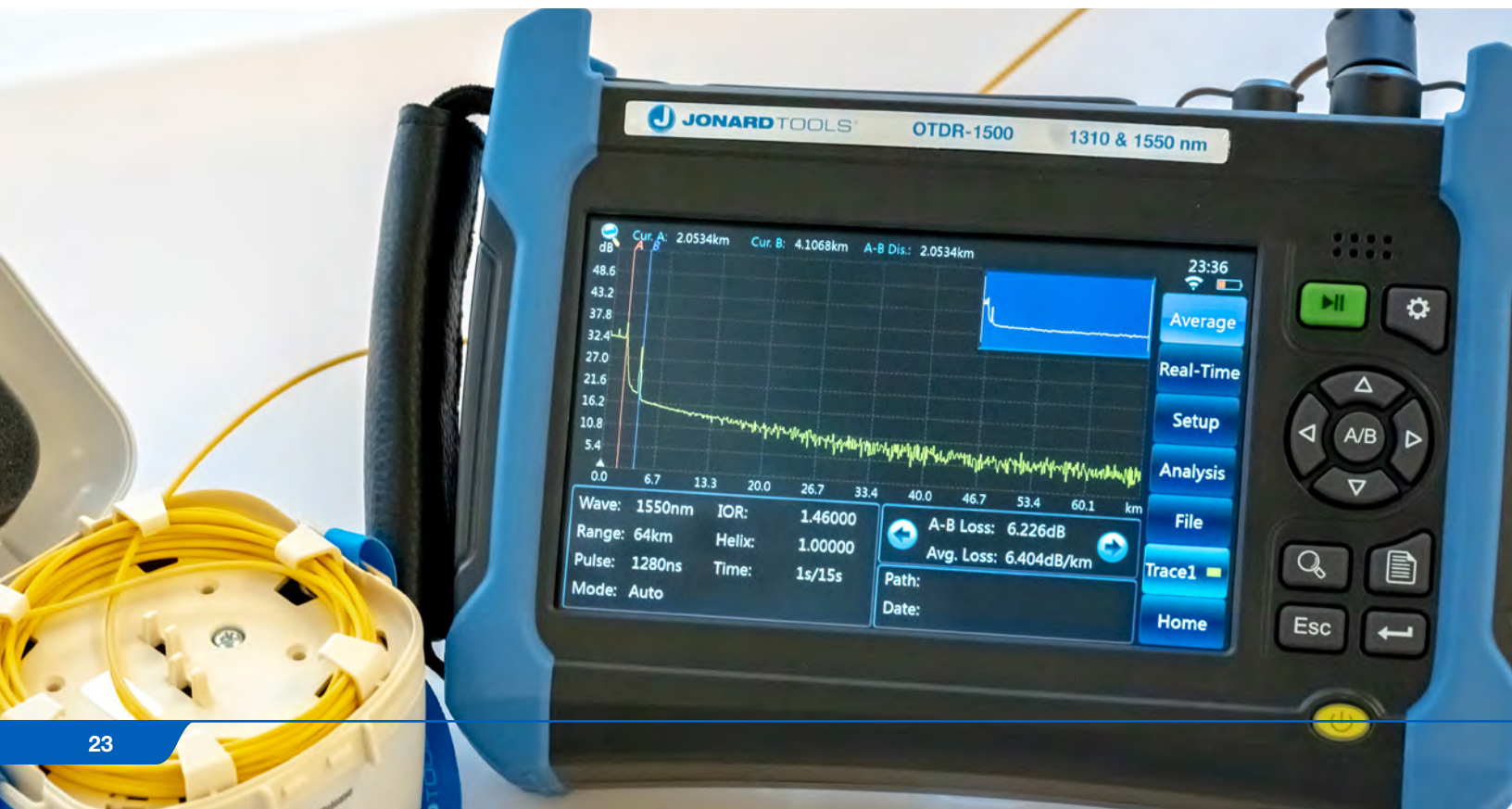
Professional Multi-Function OTDR, 1310/1550 nm - OTDR-1500

Jonard Tools' Professional Multi-Function OTDR is the perfect all-in-one handheld device for evaluating FTTx and access network construction and maintenance, identifying fiber breakpoints, measuring cable length, and calculating relative optical power losses. This OTDR also features the following:



OTDR-1500

- Includes 5 different functions for testing: 1310/1550 nm OTDR module, 1310/1550 nm Light Source module, Power Meter module, Visual Fault Locator module, and Help module
- Large, bright 7" color LCD touch screen makes it quick and easy to evaluate data
- More accurate testing with a 32/30 Dynamic Range
- Features Dual Wavelength Testing (see both 1310 & 1550 wavelengths simultaneously)












Singlemode Fiber Optic Launch Boxes

Designed with unique compact housings and 20-1000 meters of fiber, these launch cables are perfect for eliminating dead zones in reflectometric tests using an OTDR. These launch cable also features the following:

- Compact housing and shoulder strap make this perfect for on-the-go use
- Terminated with an SC/UPC connector on one side and an LC/UPC connector on the other side for versatility
- Polishing types are color coded for quick and easy identification of the launch cable
- Convenient magnet on bottom of housing allows for quick and easy mounting to fiber racks
- Length of fiber is perfect for most OTDR testing applications

SPECS	FLC-202	FLC-1001	FLC-1005	FLC-1006	FLC-1007	FLC-3501	FLC-3505
FIBER LENGTH	20 m	1000 m	1000 m	1000 m	1000 m	350 m	350 m
CONNECTOR TYPES	SC/APC, SC/APC	SC/UPC, LC/UPC	SC/APC, SC/UPC	SC/UPC, SC/APC	SC/UPC, LC/APC	SC/UPC, LC/UPC	SC/UPC, SC/APC
QR CODE							





Fiber Connector Cleaners

Designed to provide exceptional cleaning performance by cleaning connectors beyond the critical fiber core area and cleaning deep into the contact area of a bulkhead adapter or connectors on fiber optic cables. The tethered dust cap provides protection for the micro fiber cleaning fabric and is an adapter for connector end face cleaning.

- Features a **PATENTED** 360 degree Rotational Tip for extra wide cleaning
- Slide-Guide™ non-slip micro tape feeder guarantees consistent cleaning
- Dual rotational tip and one-push operation makes cleaning ferrule end-faces quick and easy
- Flip-open cap makes it easy to insert connectors for cleaning
- The **FCC-120** provides 500+ cleanings and both the **FCC-125** and **FCC-250** provide 800+ cleanings.

SPECS	FCC-120	FCC-125	FCC-250
DESCRIPTION	Fiber Connector Cleaner MPO	Fiber Connector Cleaner 1.25 mm	Fiber Connector Cleaner 2.5 mm
NO. OF CLEANINGS	500+	800+	800+
FIBER CONNECTORS	MPO	LC	FC, SC, ST
QR CODE			



Fiber End-Face Ferrule Cleaners, Angled Head

Fiber End-Face Ferrule Cleaners are designed to provide exceptional cleaning performance on fiber optic connectors. They clean ferrules in recessed fiber optic adapters or individual connectors. These tools feature the following:

- **FCFN-125** cleans 1.25 mm ferrules in recessed fiber optic adapters or individual LC or MU connectors.
- **FCFN-250** cleans 2.5 mm ferrules in recessed fiber optic adapters or individual FC, SC, or ST connectors.
- Adjustable angled head (up to 45°) is perfect for getting into hard-to-reach places.

SPECS	FCFN-125	FCFN-250
DESCRIPTION	1.25 µm End-Face Ferrule Cleaner	2.50 µm End-Face Ferrule Cleaner
NO. OF CLEANINGS	350+	350+
FIBER CONNECTORS	LC, MU	FC, SC, ST
QR CODE		



Universal Fiber Connector Cleaner - FCC-300

Featuring **PATENT-PENDING** Slide-Guide™ technology that provides stable and consistent cleaning performance, the **FCC-300** Universal Fiber Connector Cleaner is the perfect tool for cleaning a large variety of fiber connectors.



FCC-300



Fiber Inspection Microscopes

Fiber inspection microscopes have a focus wheel and feature 2.5 mm and 1.25 mm adapters for use on most fiber connectors. The achromatic lens offers excellent imaging and integrated laser filters for safety (not intended for use with illuminated fibers). Coaxial illumination provides clear view of connector face and fiber.

The **FIM-200** has 200x magnification
The **FIM-400** has 400x magnification



FIM-200



FIM-400



Before Cleaning



After Cleaning



QuickSleever® - PSI-15

An award winning design to make loading protection sleeves onto fiber quick and easy, the **PSI-15 QuickSleever®** tool is perfect for aligning fiber to the holes of protection sleeves and is a real timesaver.



PSI-15



Fluid Dispenser for 220 mL Fiber Cleaning - FD-220

Designed to store and dispense cleaning fluids, such as isopropyl alcohol, to clean the end-faces of fiber optic cables.



FD-220



Fiber Optic Cleaning Fluid - FCF-3

This quick-drying, nonflammable cleaning fluid is perfect for cleaning bare fiber, connector end-faces, and electronic components.



FCF-3



Fiber Wipes (Pack of 50) - FW-50

Alcohol Wipes. Pure 91% Isopropyl Alcohol.

- Excellent Cleaner for optical surfaces, glass fibers, and connector end faces
- Fast evaporating, residue-free solvent
- Mild, non-abrasive solvent
- Compatible with most plastics, glass and metals
- Convenient, safe package



FW-50



Dry Wipes (90 Pcs) - DW-90

Made from a lint-free polyester fabric packaged in a convenient dispenser, these fiber optic wipes are perfect for cleaning bare fiber, connector end-faces, and electronic components.



DW-90



Fiber Scraps Disposal Can - FDC-66

This can allows safe disposal of cleaved fiber ends. The twist lock cover locks scraps in the disposal can for safe and easy disposal.



FDC-66

Fiber Optic Scissor Kits



JONARD P/N	DESCRIPTION	TK-325	TK-350	TK-355	TK-375
		Scissor & Pouch Kit	Fiber Stripper & Kevlar® Shears Kit, Molded Pouch	Fiber Stripper & Kevlar® Shears Kit, Leather Pouch	Fiber Stripper & Scissors Kit
ES-1964	Electrician's Scissors				X
H-25	Molded Tool Pouch	X			
H-36	Molded 2 Pocket Tool Pouch				X
H-45	Leather 2 Pocket Tool Pouch			X	
H-60	Molded 2 Pocket Tool Pouch		X		
JIC-186	Wire & Kevlar® Cutting Shears	X	X	X	
JIC-375	Fiber Optic Stripper, Three Hole		X	X	X
QR CODE					





Fiber Cleaning Kit - TK-283

The Jonard Tools **TK-283** Fiber Cleaning Kit provides all the tools needed for cleaning fiber connector end faces. This kit is a must have for any fiber optic technician.



TK-283

Kit includes:

- **DW-90** Dry Wipes for Cleaning Fiber
- **FCF-3** Nonflammable Fiber Cleaning Fluid
- **H-20** Rugged Carrying Case
- **JIC-186** Wire & Kevlar® Cutting Shears
- **JIC-375** Fiber Optic Stripper, Three Hole



Fiber Optic Cleaning Kit+ - TK-287

The Jonard Tools **TK-287** Fiber Optic Connector Cleaning Kit+ offers cleaning products for use on connector end-faces and bulkhead adapters.



TK-287

Kit includes:

- **DW-90** Dry Wipes for Cleaning Fiber
- **FCC-120** Fiber Connector Cleaner, MPO
- **FCC-125** Fiber Connector Cleaner, 1.25 mm
- **FCC-250** Fiber Connector Cleaner, 2.5 mm
- **FCC-300** Universal Fiber Connector Cleaner
- **FCF-3** Nonflammable Fiber Cleaning Fluid
- **H-20** Rugged Carrying Case



Fiber Optic Prep & Clean Training Kit - TK-615

Featuring our most popular fiber optic tools, this tool kit provides a large array of tools needed to access and prepare fiber optic cables for termination.



TK-615





Kit includes:




- **BLONGNOSE** Long Nose General Use Pliers
- **BTR-6** Buffer Tube Ringer (up to 6 mm)
- **CST-1900** Round Cable Strip & Ring Tool
- **DW-90** Dry Wipes for Cleaning Fiber
- **FCF-3** Nonflammable Fiber Cleaning Fluid
- **FDC-66** Fiber Scraps Disposal Can
- **FIM-200** Fiber Inspection Microscope 200x Magnification
- **FTW-5** Fiber Optic Tweezers, 5"
- **FWM-2214** Fiber Optic Polishing Work Mat, 22" x 14"
- **H-60** Molded 2 Pocket Tool Pouch
- **H-90** Rugged 21 Pocket Tool Case
- **JIC-375** Fiber Optic Stripper, Three Hole
- **JIC-186** Wire & Kevlar® Cutting Shears
- **KN-7** Ergonomic Cable Splicing Knife
- **MDC-28** Microduct Cutter
- **VFL-150** Visual Fault Locator Kit

Fiber Connector Cleaning/Inspection Kits

Provides you with all the tools needed for cleaning and inspecting fiber connector end faces.



JONARD P/N	DESCRIPTION	TK-182	TK-183	TK-184	TK-184A
		Fiber Cleaning Kit; Replacement Refill Kit: TK-182RF	Fiber Optic Connector Clean & Prep Kit, w/ Cleaver	Fiber Optic Connector Clean & Prep Kit, Precision Cleaver	Fiber Optic Connector Clean & Prep Kit+
DW-90	Dry Wipes for Cleaning Fiber	X			
FW-50	Fiber Wipes (Pack of 50)		X	X	X
FC-220	Fiber Cleaver		X		
FC-500	Precision Fiber Cleaver			X	X
FCC-125	Fiber Connector Cleaner 1.25 mm	X			
FCC-250	Fiber Connector Cleaner 2.5 mm	X			
FCF-3	Nonflammable Fiber Cleaning Fluid	X			
JIC-186	Wire & Kevlar® Cutting Shears				X
JIC-375	Fiber Optic Stripper, Three Hole		X	X	X
JIC-63020	9" Curved Jaw Cable Cutter				X
H-20	Rugged Carrying Case	X	X	X	
H-22	Rugged Carrying Case w/ Straps				X
VFL-150	Visual Fault Locator Kit				X
VFL-25	Visual Fault Locator		X	X	
QR CODE					

JONARD P/N	DESCRIPTION	TK-186	TK-188	TK-189
		Fiber Connector Cleaning Kit	Fiber Connector Cleaning & Inspection Kit 200x Magnification	Fiber Connector Cleaning & Inspection Kit 400x Magnification
FCC-125	Fiber Connector Cleaner 1.25 mm	X	X	X
FCC-250	Fiber Connector Cleaner 2.5 mm	X	X	X
FCC-300	Universal Fiber Connector Cleaner		X	X
FCT-100	Fiber Connector Insertion and Removal Tool	X	X	X
FIM-200	Fiber Inspection Microscope 200x Magnification		X	
FIM-400	Fiber Inspection Microscope 400x Magnification			X
FL-2000	LED Flashlight with Zoom Lens	X	X	X
FW-50	Fiber Wipes (Pack of 50)	X	X	X
H-90	Rugged 21 Pocket Tool Case	X	X	X
QR CODE				

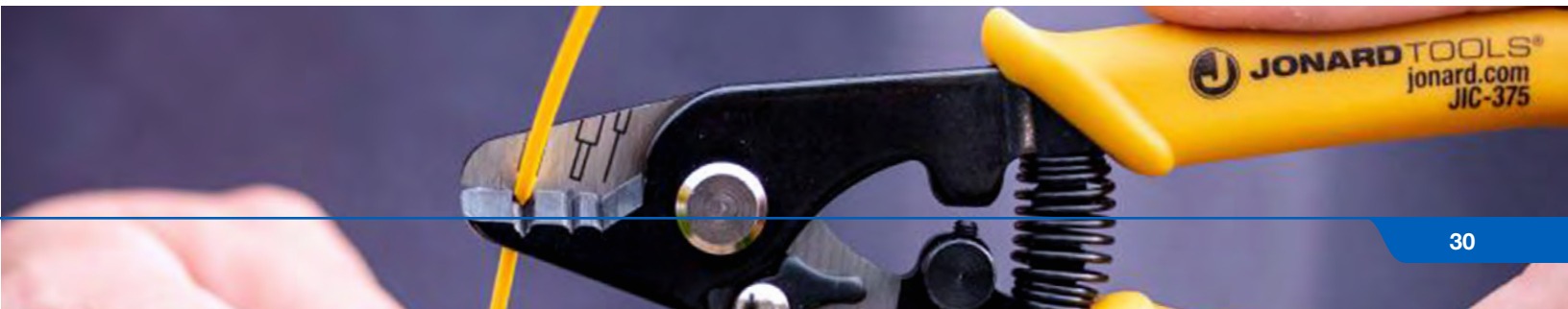
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Fiber Optic Mid Span Slit & Ring Tool Kits

Provides an array of tools designed to provide easy access into fiber optic cables and buffer tubes.



JONARD P/N	DESCRIPTION	TK-107	TK-107B	TK-108
		Fiber Optic Mid Span Slit & Ring Tool Kit (1.2 mm-18.2 mm)+	Backpack Fiber Optic Mid Span Slit & Ring Tool Kit (1.2 mm-18.2 mm)+	Fiber Optic Mid Span Slit & Ring Tool Kit (1.2 mm-18.2 mm)
AST-200	CableSaber™	X	X	
BP-100	Technician's Tool Bag Backpack		X	
BTR-6	Buffer Tube Ringer (up to 6 mm)	X	X	
CSR-1575	Cable Slit & Ring Tool			X
CST-1900	Round Cable Strip & Ring Tool	X	X	
FOD-2000	Fiber Optic Drop Cable Slitter	X	X	X
JIC-186	Wire & Kevlar® Cutting Shears	X	X	
JIC-375	Fiber Optic Stripper, Three Hole	X	X	
H-20	Rugged Carrying Case			X
H-90	Rugged 21 Pocket Tool Case	X		
MS-306	Mid Span Slit & Ring Tool (1.2 mm-3.3 mm)	X	X	X
MS-316	Mid Span Slit & Ring Tool (2.9 mm-6.8 mm)	X	X	X
MS-326	Mid Span Slit & Ring Tool (5 mm-10 mm)	X	X	X
MS-336	Mid Span Slit & Ring Tool (7.9 mm-11 mm)	X	X	X
MS-426	Mid Span Slit & Ring Tool (5.8 mm-12 mm)	X	X	X
MS-446	Mid Span Slit & Ring Tool (8.7 mm-14.6 mm)		X	
MS-526	Mid Span Slit & Ring Tool (9.8 mm-18.2 mm)	X	X	X
RCS-25	Ratcheting Cable Slitter	X		
RCS-30	Ratcheting Duct and Cable Slitter		X	
RST-8514	Riser Slitting Tool	X		
QR CODE				



Fiber Prep Kits

Provides you with all the tools needed to access and prepare a fiber optic cable for termination.

- **TK-105** Fiber Optic Mid Span Slit & Ring Tool Kit
- **TK-106** Fiber Optic Mid Span Slit & Ring Tool Kit+
- **TK-121** Fiber Prep Kit+
- **TK-121B** Backpack Fiber Prep Kit+
- **TK-151** Fiber Prep Kit with Connector Cleaner, Fiber Cleaver, & Visual Fault Locator+
- **TK-161** Fiber Prep Kit with Connector Cleaners, Visual Fault Locator+
- **TK-170** Fiber Prep Kit with Small & Large Mid Span Slitters
- **TK-179** Advanced Fiber Prep Kit
- **TK-179B** Advanced Backpack Fiber Prep Kit
- **TK-199B** Ultimate Backpack Fiber Prep Kit



Not all products shown.

Fiber Prep Kits

JONARD P/N	DESCRIPTION	TK-105	TK-106	TK-121	TK-121B	TK-151	TK-161	TK-170	TK-179	TK-179B	TK-199B
H-90	Rugged 21 Pocket Tool Case		X	X		X	X	X	X		
H-20	Rugged Carrying Case	X									
BP-100	Technician's Tool Bag Backpack				X					X	X
AST-200	CableSaber™		X								X
BTR-6	Buffer Tube Ringer (up to 6 mm)		X	X	X	X	X		X		X
CG-100	COAX Cable Gripping Tool										X
CSR-1575	Cable Slit & Ring Tool	X						X	X	X	X
CST-1900	Round Cable Strip & Ring Tool		X	X	X	X	X	X	X	X	X
FC-500	Precision Fiber Cleaver					X					
FCC-125	Fiber Connector Cleaner, 1.25 mm					X	X				X
FCC-250	Fiber Connector Cleaner, 2.5 mm					X	X				X
FDS-312	Fiber Drop Cable Stripper		X								
FL-2000	LED Flashlight with Zoom Lens			X	X	X	X		X	X	X
FOD-2000	Fiber Optic Drop Cable Slitter	X	X	X	X	X	X			X	X
FW-5	Fiber Wipes, Wet (Pack of 5)			X	X	X	X				
JIC-186	Wire & Kevlar™ Cutting Shears		X	X	X	X	X	X	X	X	X
JIC-375	Fiber Optic Stripper, Three Hole		X	X	X	X	X	X	X	X	X
JIC-842	Long Nose and Side Cutting Pliers			X	X	X	X	X	X	X	X
JIC-1022	Wire Stripper 10-22 AWG							X	X	X	X
JIC-2288	High Leverage Diagonal Cutting Pliers, 8"			X	X	X	X	X	X	X	X
JIC-22035	Insulated Probe Picks								X	X	
JIC-63050	High Leverage Cable Cutter										X
KN-7	Ergonomic Cable Splicing Knife							X	X	X	X
MDC-14	Microduct Tube Cutter								X	X	X
MDC-28	Microduct Cutter								X	X	
MDC-64	Large Fiber Duct Cutter										X
MS-6	Mid Span Slitter (1.2 mm-3.3 mm)							X			
MS-26	Mid Span Slitter (2.9 mm-6.8 mm)										
MS-306	Mid Span Slit & Ring Tool (1.2 mm-3.3 mm)	X	X	X	X	X	X		X	X	X
MS-316	Mid Span Slit & Ring Tool (2.9 mm-6.8 mm)	X	X						X	X	X
MS-326	Mid Span Slit & Ring Tool (5 mm-10 mm)	X	X						X	X	X
MS-426	Mid Span Slit & Ring Tool (5.8 mm-12 mm)		X						X	X	X
MS-526	Mid Span Slit & Ring Tool (9.8 mm-18.2 mm)										X
RCS-25	Ratcheting Cable Slitter		X								
RCS-30	Ratcheting Duct and Cable Slitter										X
RST-8514	Riser Slitting Tool		X								X
SD-61	6-in-1 Multi-Bit Screwdriver w/ Phillips & Slotted Bits			X	X	X	X	X	X	X	X
UST-500	Universal Cable Stripping Tool for COAX, Network, and Telephone Cables							X			
VFL-150	Visual Fault Locator Kit					X	X				
VFL-300	Rugged Visual Fault Locator Kit										X
QR CODE											

CATV/COAX TOOLS

CATV is short for Community Antenna Television, now known as Cable TV, which is transmitted via coaxial cables (COAX). COAX cables transmit radio frequency signals using an electromagnetic field carried through the tubular cable. These cables consist of an inner conductor, insulation, conducting shield, and outer sheath jacket. The spacing within the cables must be consistent in order to transmit the signals, and our tools ensure proper methods that will not damage these cables in any way.

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UST-100 SERIES



UST-500 SERIES

COAX Stripping Tools

The UST Series creates a two step strip on a multitude of cables (and the **UST-175** provides a three step strip). These tools include a Velcro® strip for folding back the braided shield of the cable. Blade cartridges are interchangeable and last over 5,000 strips.

SPECS	UST-1596	UST-100	UST-125	UST-135	UST-150	UST-175	UST-185
DESCRIPTION	COAX Stripping Tool with Twin RG59/6 Blade	RG59/6 & 7/11 COAX Stripping Tool	COAX Stripping Tool For RG59/6 & 7/11 with Cable Stop	COAX Stripper for RG7/RG11	CAT/TP & RG59/6 Cable Stripping Tool	Mini COAX Cable Stripper	Mini COAX Cable Stripping Tool
HANDLE COLOR	Blue	Blue	Blue	Blue	Blue	Yellow	Blue
CABLE TYPE	COAX	COAX	COAX	COAX	COAX	COAX	Dual/Quad Shield Mini COAX
CABLE SIZE	RG59 and RG6	RG59 and RG6, RG7 and RG11	RG59 and RG6, RG7 and RG11	RG7 and RG11	RG59 and RG6, UTP	Mini COAX	Mini COAX
BLADE CARTRIDGE	UST-210	UST-205	UST-225	UST-235	UST-215	UST-220	UST-230
QR CODE							

SPECS	UST-500	UST-525	UST-540	UST-596
DESCRIPTION	Universal Cable Stripping Tool	Universal Cable Strip Tool with UST-225 Blade	Universal Cable Stripper for RG59 & RG6	Universal Cable Stripping Tool RG59/6
HANDLE COLOR	Blue	Blue	Yellow	Blue
CABLE TYPE	COAX, Network, Flat Telephone Cable	COAX, Network, Flat Telephone Cable	COAX, Network, Flat Telephone Cable	COAX, Network, Flat Telephone Cable
CABLE SIZE	RG-59/6/7/11 COAX, CAT3/4/5E/6/6A Network, up to 1 cm wide Flat Cable	RG-59/6/7/11 COAX, CAT3/4/5E/6/6A Network, up to 1 cm wide Flat Cable	RG-59/6 COAX, CAT3/4/5E/6/6A Network, up to 1 cm wide Flat Cable	RG-59/6 COAX, CAT3/4/5E/6/6A Network, up to 1 cm wide Flat Cable
BLADE CARTRIDGE	UST-205	UST-225	UST-240	UST-210
QR CODE				



UST-205



UST-210



UST-215



UST-220



UST-225



UST-230



UST-235



UST-240



CSS-105 CSS-110 CSS-115 CSS-120 CSS-125 CSS-130 CSS-135








COAX Stub End Strippers

The CSS Series tools are coaxial cable strippers specifically designed to strip a stub end of a COAX cable in a wall outlet box, which eliminates the need to run new cable, saving time and money. Each CSS tool provides a two step strip of an RG59/6 cable to a specific braid length and center conductor length (shown in the chart below). The built-in strip stop insures the strip lengths are consistent.

Easy to use:

Squeeze handles to open jaws and insert cable, release to close jaws, rotate like a screwdriver and remove. Tool will not cut the braid or score the center conductor.

Blade cartridges are easily changed and replaced.

SPECS	CSS-596	CSS-5097	CSS-5110	CSS-5127	CSS-5156	CSS-5610	CSS-59M
DESCRIPTION	COAX Stub End Stripper (RG59/RG6)	COAX Stub End Stripper (9 mm/7 mm)	COAX Stub End Stripper (10 mm/10 mm)	COAX Stub End Stripper (12 mm/7 mm)	COAX Stub End Stripper (15 mm/6 mm)	COAX Stub End Stripper (6 mm/10mm)	Mini COAX Stub End Stripper (9 mm/7 mm)
BLADE CARTRIDGE	CSS-105	CSS-115	CSS-120	CSS-110	CSS-130	CSS-125	CSS-135
BLADE CARTRIDGE COLOR	Black	Light Blue	Blue	Grey	Brown	Burgandy	Orange
BRAIDED STRIP LENGTH	1/4"	9 mm	10 mm	12 mm	15 mm	6 mm	9 mm
CENTER CONDUCTOR STRIP LENGTH	5/16"	7 mm	10 mm	7 mm	6 mm	10 mm	7 mm
QR CODE							



CAT/TP Cable Stripper - CSR-56

The Jonard Tools **CSR-56** CAT/TP stripping tool is designed to strip CAT-5, CAT-5E, CAT6, and other similar sized twisted pair cables for quick and easy termination. This CAT/TP stripping tool features the following:



CSR-56

- Removes jacket from CAT5, CAT5E, and CAT6 network cables
- Compact design is great for on-the-go use
- Large finger loop provides smooth rotation during use
- Ergonomic handles make loading cable quick & easy



COAX Cable Kit - TKRG-64

The Jonard Tools **TK-RG64** Complete COAX Cable Kit provides an array of tools needed to access and prepare coaxial cables for termination.



TKRG-64

Kit includes:

- **CAT-16** Cable Cutter is perfect for cutting twisted pair network cables quickly and easily
- **CST-92** Coaxial Cable Stripper for stripping RG59, RG6, RG6 Tri & Quad shield, N48, RG7, and RG11
- **CTF-180M** Compression Tool compresses long F connectors for RG59 and RG6 COAX cables
- **RG6-10** Universal F Connectors for coaxial cable termination (Pack of 10)



COAX Tool Kits

Service kits for CATV technicians to repair and maintain COAX cable networks.

JONARD P/N	DESCRIPTION	TK-78	TK-82	TK-83	TK-85	TK-86	TK-87	TK-89
CT-200	Universal Compression Tool				X	X		X
CTF-180	360 Degree Compression Tool for RG59/6	X						
CTF-200	Compression Tool Fixed - Long		X					
CTF-230	Dual Compression Tool						X	
CTF-300	Compression Tool Fixed - Short			X			X	
FL-2000	LED Flashlight with Zoom Lens	X	X	X	X	X	X	X
H-85	Molded 8 Tool Pouch	X	X	X	X	X	X	X
JIC-2288	Plier, Diagonal, Cutter, 8"	X	X	X	X	X	X	X
PT-300	Pocket Continuity Tester & Toner	X	X	X	X	X	X	X
SD-61	Screwdriver Multi-Bit 6-in-1	X	X	X	X	X	X	X
TAAF-71630	Torque Wrench, Full Head 7/16", 30 in-lb	X	X	X	X	X	X	X
UST-125	Cable Stripper RG59/6 & RG7/11 w/ Cable Stop	X	X	X	X		X	
UST-150	COAX RG59, RG6, & CAT/TP Twisted Pair Cable Stripper					X		
UST-185	Mini COAX Cable Stripper							X
QR CODE								

Not all products shown.





Compression Tools

Many different fittings are used to terminate RG6 and RG59 COAX cables. Jonard offers compression tools to work with all types of (BNC, PPC, Belden, and more). See jonard.com for a list of all compatible connectors.

CT-200 - Universal Compression Tool designed for use on most F connectors (RG59, RG6, & RG11), BNC connectors (RG59 & RG6) and RCA connectors (RG59 & RG6).







CTF-200 - Compression tool with a fixed design for use on the longer style F connectors (such as PPC® EXLWS Aquatight connector, EX-XL and other similar length connectors).

CTF-200CG - Compression tool with a fixed design for use on Corning Gilbert connectors. Tool also works with brands such as PPC & Thomas Betts.

CTF-230 - This dual compression tool is two tools in one, combining the features of the **CTF-200** and the **CTF-300**. It is designed for use on either short or long F connectors (such as PPC EX6 and PPC EX6XL), and also works on most RG11 connectors. The green ring side of the plunger is for the "short" PPC EX6 style.

CTF-300 - Compression tool with a fixed design for use on the shorter style F connectors (such as PPC Aquatight Connector EX or shorter connectors and other similar length connectors).

CTF-360XL - Designed to hold and compress connectors requiring a full 360 degree support. Perfect tool for long F connectors for RG59/6 cables and for RG7/11 cables.

SPECS	CT-200	CTF-200	CTF-200CG	CTF-230	CTF-300	CTF-360XL
DESCRIPTION	Universal Compression Tool	Compression Tool Fixed - Long	Compression Tool Fixed - Long CG	Dual Compression Tool - Short and Long	Compression Tool Fixed - Short	360° Compression Tool for Long RG6, & RG11 Style F connectors
CONNECTOR TYPE	Adjustable	Fixed	Fixed	Fixed	Fixed	360, F Long
CONNECTOR LENGTH	Short & Long	Long	Long	Short & Long	Short	Long
HANDLE COLOR	Green/Blue	Blue	Blue	Green/Blue	Green	Red
REPLACEABLE PLUNGER P/N	21881	N/A	N/A	21912	N/A	N/A
QR CODE						





360° Compression Tool - RG59 and RG6 Connectors - CTF-180

The Jonard Tools 360° Compression Tool is designed for use on both short and long style F connectors. The tool is ideal for installing CATV network cables.



CTF-180

Compatible Connectors: PCT or other brand short and long style F connectors



360° Compression Tool for Short RG6 & RG11 Style F Connectors - CTF-360

Using specially designed jaws to hold connectors in place while compressing, this **PATENTED CTF-360** is designed to hold and compress connectors requiring a full 360° support. Perfect tool for short F connectors for RG59/6 cables and F connectors for RG7/11 cables.



CTF-360



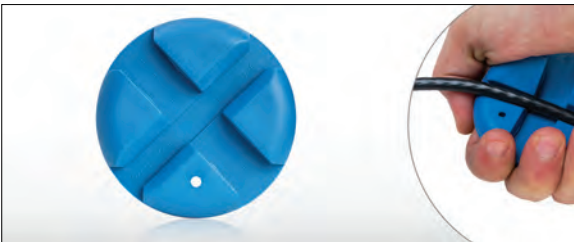
Web Slitter & Shaving Tool - WSS-4625

Designed to slit and shave the webbing off messengered hardline COAX cables and figure 8 fiber cables, the Jonard Tools **WSS-4625** Web Slitter and Shaver is the perfect tool for working with aerial messenger cables ranging from 0.400" to 0.625" in diameter.



WSS-4625

Replacement Blade Cartridge: **WSS-4625RB**



COAX Cable Gripping Tool - CG-100

Designed to grip RG59, RG6, RG7, and RG11 cables, this COAX cable gripping tool facilitates the stripping, slitting, splicing, and other functions of coaxial cables.



CG-100

- Soft rubber material conforms to the shape of the cable to grip it tightly
- Compact shape and belt loop hole make it convenient for storage and transport



RG6 Connectors

Designed for RG6/6 Quad COAX cable for quick and easy termination of cables for satellite, cable TV, and cable modems. These connectors have a large hex nut for quick and easy to install and a 360° cable gripping sleeve and watertight "O-ring" to keep connections secure.

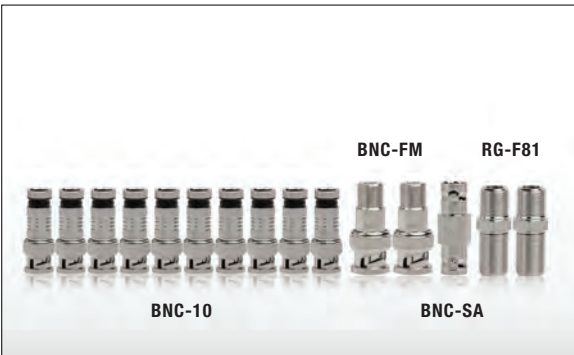


RG6-10

RG6-10 Connectors (Pack of 10)
RG6-50 Connectors (Pack of 50)



RG6-50



BNC Connectors

Designed for use with most major brands of RG6 cable, these BNC connectors are perfect for terminating cables for CCTV or other video applications quickly and easily.

SPECS	BNC-10	BNC-FM	BNC-SA	RG-F81
DESCRIPTION	BNC Compression Connectors (Pack of 10)	BNC-Female to Male Adapter (Pack of 2)	BNC Straight Adapter (Pack of 1)	CATV Female Splice Adapters (Pack of 2)
QR CODE				



Hardline Strip & Core Tools

These coring tools will strip and core hardline COAX cable of all sizes and can be used with or without a drill. These coring tools will strip and core hardline COAX cable of all sizes and can be used with or without a drill.

Note: the stripper in the QR series must be used separately but can be stored on the coring tool for convenience.

ALL-IN-ONE	SPECS	HSC-50	HSC-75	HSC-625	HSC-875	HSC-540QR	HSC-715QR	HSC-860QR
	DESCRIPTION	Hardline Strip & Core Tool 1/2"	Hardline Strip & Core Tool 3/4"	Hardline Strip & Core Tool 5/8"	Hardline Strip & Core Tool 7/8"	Hardline Strip & Core Tool Kit 540QR	Hardline Strip & Core Tool Kit 715QR	Hardline Strip & Core Tool Kit 860QR
SIZE OF CABLE	1/2" (12.7 mm)	3/4" (19.05 mm)	5/8" (15.86 mm)	7/8" (22.23 mm)	QR540 (13.72 mm)	QR715 (18.16 mm)	QR860 (21.84 mm)	
REPLACEMENT PARTS	HS-RB, HC-RB, HCB-50	HS-RB, HC-RB, HCB-75	HS-RB, HC-RB, HCB-625	HS-875, HC-875	HS-RBQR, HC-RBQR, HCB-540QR	HS-RBQR, HC-RBQR, HCB-715QR	HS-RBQR, HC-RBQR, HCB-860QR	
QR CODE								



JACKET STRIPPERS	SPECS	HS-50	HS-75	HS-625	HS-875	HS-540QR	HS-715QR	HS-860QR
	DESCRIPTION	Hardline Jacket Stripper 1/2"	Hardline Jacket Stripper 3/4"	Hardline Jacket Stripper 5/8"	Hardline Jacket Stripper 7/8"	Hardline Jacket Stripper 540QR	Hardline Jacket Stripper 715QR	Hardline Jacket Stripper 860QR
SIZE OF CABLE	1/2" (12.7 mm)	3/4" (19.05 mm)	5/8" (15.86 mm)	7/8" (12.7 mm)	QR540 (13.72 mm)	QR715 (18.16 mm)	QR860 (21.84 mm)	
REPLACEMENT PARTS	HS-RB	HS-RB	HS-RB	HS-RB	HS-RBQR	HS-RBQR	HS-RBQR	



CORING	SPECS	HC-50	HC-75	HC-625	HC-875	HC-540QR	HC-715QR	HC-860QR
	DESCRIPTION	Hardline Coring Tool 1/2"	Hardline Coring Tool 3/4"	Hardline Coring Tool 5/8"	Hardline Coring Tool 7/8"	Hardline Coring Tool 540QR	Hardline Coring Tool 715QR	Hardline Coring Tool 860QR
SIZE OF CABLE	1/2" (12.7 mm)	3/4" (19.05 mm)	5/8" (15.86 mm)	7/8" (22.23 mm)	QR540 (13.72 mm)	QR715 (18.16 mm)	QR860 (21.84 mm)	
REPLACEMENT PARTS	HC-RB, HCB-50	HC-RB, HCB-75	HC-RB, HCB-625	HS-875	HC-RBQR, HCB-540QR	HC-RBQR, HCB-715QR	HC-RBQR, HCB-860QR	



COAX Center Conductor Cleaner - CC-120

Designed to remove excess dielectric from the center conductor of distribution or trunk cables without damaging the center conductors.



CC-120

Includes the **CC-4** set of flat blades and saw tooth blades.

Speed Head 7/16"

Full Head 9/16"

Full Head 7/16"

Full Head 11 mm

Full Head 1/2"

Full Head 22 mm



Torque Wrenches

The full head Torque Wrenches behave like traditional open end wrenches. Designed for F connectors, these wrenches help prevent over tightening. An audible click tells you the F connector has been torqued to the proper torque requirement.

These wrenches all have angle heads, sized for 1/2", 7/16", 9/16" applications, and are designed with an ergonomic cushioned handle for user comfort and protection. These wrenches work in tightening mode only. Note: Speed Head wrenches are designed to act like a ratcheting wrench, skipping over corners of nuts/bolts (allowing for continuous turning).

SPECS	TWAF-71620	TWAS-71620	TWAF-1220	TWAF-91620	TWAF-71625	TWAF-1130	TWAF-71630
TORQUE	20 in-lb and 2.26 N-m				25 in-lb and 2.82 N-m	30 in-lb and 3.39 N-m	
WRENCH SIZE	7/16" (11.11 mm)	7/16" (11.11 mm)	1/2" (12.7 mm)	9/16" (14.29 mm)	7/16" (11.11 mm)	11 mm	7/16" (11.11 mm)
HEAD TYPE	Full	Speed	Full	Full	Full	Full	Full
QR CODE							

SPECS	TWAS-71630	TWAF-91630	TWAF-71640	TWAF-91640	TWAF-2244	TWAF-2288	TWAF-22176
TORQUE	30 in-lb and 3.39 N-m		40 in-lb and 4.52 N-m		44 in-lb and 5 N-m	88 in-lb and 10 N-m	176 in-lb and 12 N-m
WRENCH SIZE	7/16" (11.11 mm)	9/16" (14.29 mm)	7/16" (11.11 mm)	9/16" (14.29 mm)	7/8" (22 mm)	7/8" (22 mm)	7/8" (22 mm)
HEAD TYPE	Speed	Full	Full	Full	Full	Full	Full
QR CODE							





Torque Wrenches w/ Swivel Head

Designed to reach shielded F connector fittings with preset torques, these right angle swivel torque wrenches provide a perfectly calibrated amount of torque to prevent damage from over-tightening or signal loss from under-tightening.

The **TWAFST-71622** is set at 22 in-lb and 2.49 N-m
 The **TWAFST-71630** is set at 30 in-lb and 3.39 N-m

SPECS	TWAFST-71622	TWAFST-71630
DESCRIPTION	Torque Wrench w/ SST 7/16", 22 in-lb	Torque Wrench w/ SST 7/16", 30 in-lb
TORQUE	22 in-lb and 2.49 N-m	30 in-lb and 3.39 N-m
QR CODE		



Right Angle Torque Wrench, Swivel Head, 40 in-lb - TWSW-40

Designed with a preset torque of 40 in-lb, this swivel head torque wrench is perfect for cable shield bond connectors and other ground connections.



TWSW-40



3/8" Socket for TWSW-40 (Pack of 10) - TWS-38/10

Designed to be used on 3/8" shield bond connectors with an appropriate driver, these sockets are perfect for communication cables and other ground connections.



TWS-38/10



Connector Torque Wrenches - CTW-7163812

Designed for torquing F connectors to a preset torque of 30 in-lb (3.4 N-m), this torque wrench is perfect for tightening or loosening F connectors in high-density locations.



CTW-7163812

This torque wrench includes:

- **CTW-H** F Connector Torque Wrench Handle
- **CTW-7168** F Connector Torque Wrench Shaft, 8"
- **CTW-71612** F Connector Torque Wrench Shaft, 12"
- **CTW-71638** F Connector Torque Wrench, 30 in-lb, 8" (includes **CTW-H** and **CTW-7168**)
- **CTW-716312** F Connector Torque Wrench, 30 in-lb, 12" (includes **CTW-H** and **CTW-71612**)
- **CTW-7163812** F Connector Torque Wrench, 30 in-lb, 8" and 12" (includes **CTW-H**, **CTW-7168**, and **CTW-71612**)

SPECS	CTW-7168	CTW-71612	CTW-71638	CTW-716312	CTW-7163812
LENGTH	8"	12"	8.63" (21.91 cm)	13" (33.0 cm)	8.625" (21.91 cm) and 13" (33.0 cm)
PARTS INCLUDE	N/A	N/A	CTW-H and CTW-7168	CTW-H and CTW-71612	CTW-H, CTW-7168, and CTW-71612
QR CODE					



Speed Wrenches

Our **PATENTED** speed wrenches are designed to get your job done more efficiently. This line of speed wrenches is made to work on splitters, F connectors, and all 7/16" connections. These wrenches are made of chrome vanadium steel, chrome plated, and polished to a high gloss finish.

Speed heads make tightening and loosening quick and easy while the circular hole in the tool allows you to add this to your carabiner and/or tool belt.

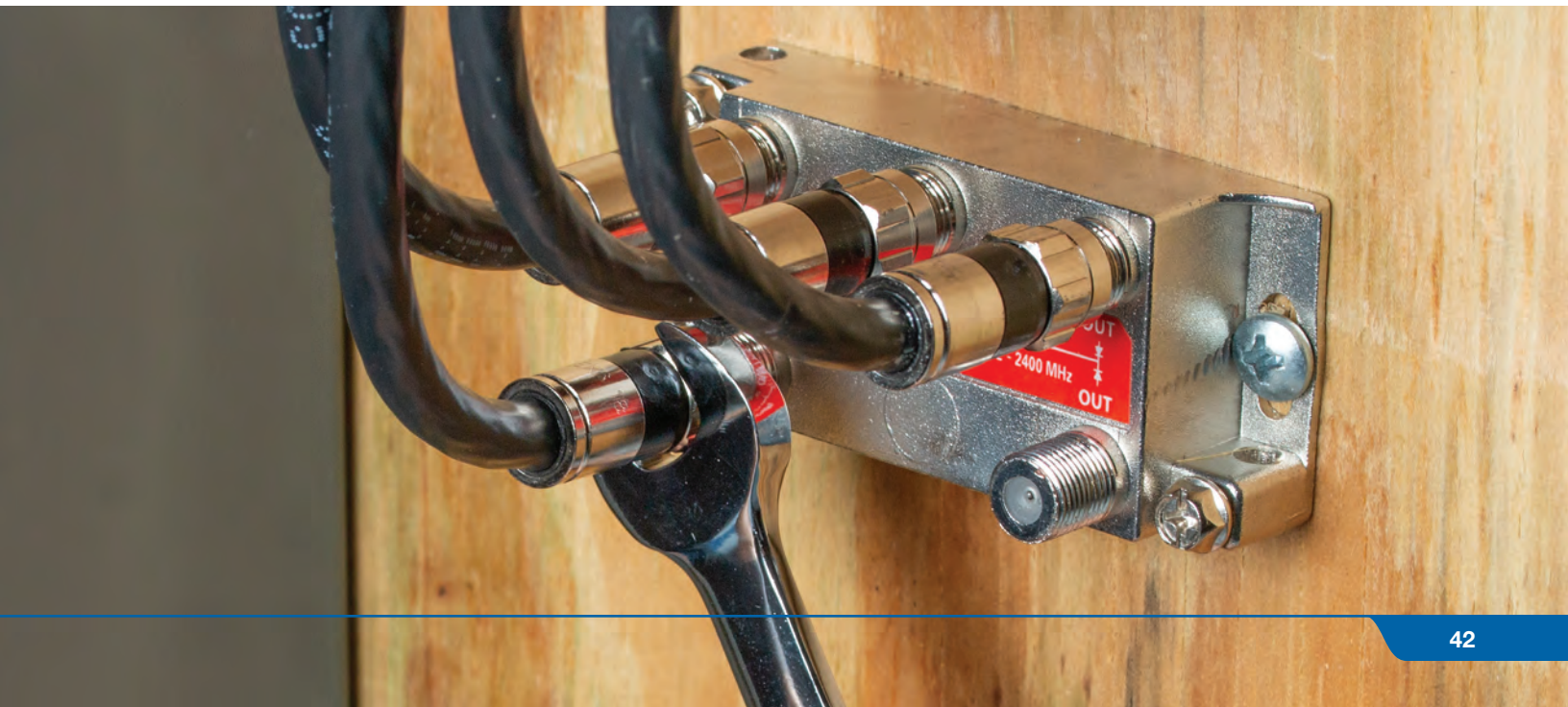
SPECS	ASW-12	ASW-716	ASW-916	ASW-R12	ASW-R716	ASW-7916	ASWS-716	ASWS-R716
DESCRIPTION	Angled Head Speed Wrench 1/2"	Angled Head Speed Wrench 7/16"	Angled Head Speed Wrench 9/16"	Ratcheting Speed Wrench 1/2"	Ratcheting Speed Wrench 7/16"	Double-Ended Speed Wrench 7/16" & 9/16"	Angled Speed Wrench Stubby 7/16"	Ratcheting Stubby Speed Wrench 7/16"
WRENCH TYPE	Speed	Speed	Speed	Combination, Speed, Ratcheting	Combination, Speed, Ratcheting	Speed	Speed	Combination, Speed, Ratcheting
QR CODE								



Combination Wrenches

These combination wrenches measure 7/16" at both ends and have an angled offset (15°) to ease access in confined areas. Chrome plated, polished to a high gloss finish and made of chrome vanadium steel. The ratcheting end of the **CWRR-716** allows you to toggle from tightening to loosening.

SPECS	CWS-716	CW-716	CWRR-716	OW-38716
DESCRIPTION	Combination Stubby Wrench 7/16"	Combination Wrench 7/16"	Ratcheting Reversible Combination Wrench 7/16"	Open-Ended Wrench 3/8" & 7/16"
QR CODE				









Terminator Tools

Jonard creates tools for all kinds of locking terminators. Termination is essential when running cable to ensure a quality service and prevent theft.

Our tools provide ergonomic handles for greater leverage and superior grip. Jonard's termination tools are made of stainless steel and are available in several lengths and termination styles.

The **TT-7V** and **TT-7PT** have pronged ends on the shaft to work with pronged terminators.



SPECS	TT-4	TT-7PT	TT-7	TT-7V
DESCRIPTION	Terminator Tool 4-1/2"	Terminator Tool For PPC & T&B	Terminator Tool 7"	Terminator Tool w/ Prongs 9"
TERMINATION STYLE	Spring Ears	Spring Ears	Spring Ears	Spring Ears, 2 Prong
USED ON	Gilbert Morlock, PCT LT, PPC PST, Signal Vision LT, Signal Vision SV-LTA	Gilbert Morlock, PCT LT, PPC PST, Signal Vision LT, Signal Vision SV-LTA, PPC 502, T&B CLF, TRL	Gilbert Morlock, PCT LT, PPC PST, Signal Vision LT, Signal Vision SV-LTA	Gilbert Morlock, PCT LT, PPC PST, Signal Vision LT, Signal Vision SV-LTA, Viewsonics 2 Prong, Viewsonics 3 Prong
LENGTH	4-1/2" (114.3 mm)	7-1/2" (190.5 mm)	8" (203 mm)	9" (228.6 mm)
QR CODE				



Cam Style Locking Terminator Tools

Designed with a cam style locking terminator tip for use on Corning Gilbert style terminators, this tool is perfect for use on the Gilbert NS-5762-3 or other similar types of terminators.

TTCG-6270-5 Locking Terminator Tool 5"
TTCG-6270-9 Locking Terminator Tool 9"



TTCG-6270-5



TTCG-6270-9



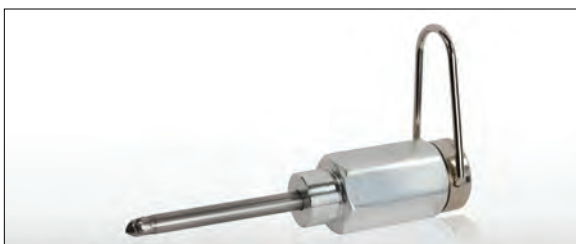
Trap And Security Combo Tool - TTS-716

Two tools in one, the **TTS-716** combines a trap wrench with a security sleeve tool to make it the perfect combo tool for all standard traps and all sizes of security sleeves. This combo tool features the following:

- Security wrench fits all metal 7/16" hex "F" fittings
- 2 prong termination style



TTS-716



Terminator Tool for PPLT-75 & PPLT-LR - TT-PPLTT4

This terminator tool is designed for use with PPLT Series locking terminators, specifically the **PPLT-75** and **PPLT-LR**. Specially designed to overcome problems of theft and tool breakage. Ideal 0.218" plunger diameter is sized to accommodate PPLT locking terminators. Aluminum body for high strength and durability and belt loop included for convenience.



TT-PPLTT4



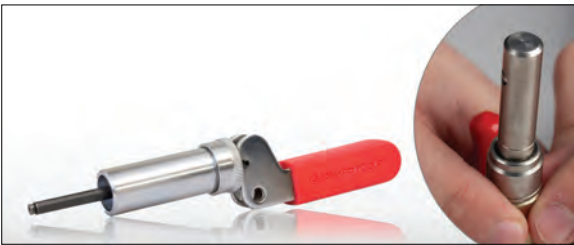
Barrel Lock Plunger Key - TTB-6

The Jonard Tools **TTB-6** Barrel Lock Plunger Key is designed to unlock ChannelL LK03029817 and Highfield 93180775-S CATV barrel locks quickly and easily. It only works with these 2 types of locks with inside diameters from 0.176" to 0.196".

This key may also fit other locks used in the electric, gas and water utilities. **Know your lock size before purchasing.**



TTB-6



Barrel Lock Plunger Key Size #6 - TTBW-158

Specifically designed to unlock Highfield 93180128 and 93180124 locks, this #6 key is able to unlock utility box locks with inside diameters of 0.158".

- Made from High Carbon alloy steel for heavy-duty use
- Smooth plunger operation and heavy-duty spring designed for high strength and durability



TTBW-158



Outer Conductor Flaring Tool - FT-2075

The Jonard Tools **FT-2075** Outer Conductor Flaring Tool is specially designed to flare outer conductors on Eupen 7168, A7168, and CommScope CA519 75 Ohm corrugated copper cable.

- Ergonomic screwdriver-like handle for more comfortable gripping and easier flaring
- Made of high carbon steel with a black oxide finish for maximum durability



FT-2075



Flaring & Insertion Tool - FT-6

The Jonard Tools **FT-6** Flaring & Insertion Tool is designed to facilitate the expansion of cable. This flaring tool is the perfect tool for spreading COAX cable jackets, which allows easy insertion of F connectors.

- Perfect for use on polyethylene jacketed, plenum, tri-shield, and quad-shield RG6 cables



FT-6



Crimper with COAX Die - UC-8012

Designed for use with RG-59/RG-6 CATV F connectors, this crimper is the perfect tool for crimping COAX connector collars.

Kit includes:

UC-8000 Universal Crimper Without Die

UCD-2045 COAX Crimping Die



UC-8012

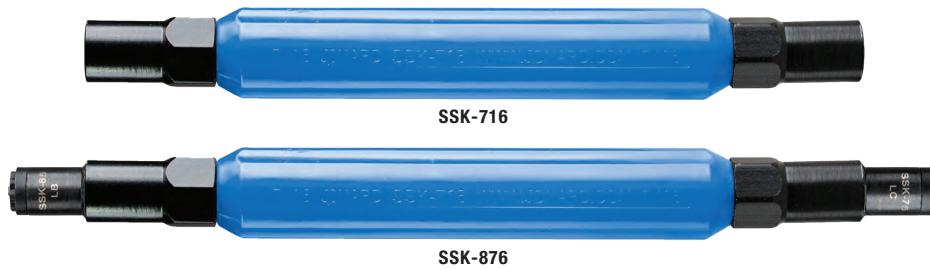


Ubiquiti® Wifi Access Point Unlock & Reset Tool - UUT-425

Designed for unlocking or resetting Ubiquiti® Wifi Access Points, the **UUT-425** is the perfect tool for releasing the tedious tabs that lock Ubiquiti® access points or pressing hard-to-reach reset buttons.



UUT-425



Star Keys & Star Key Slam Lock Sets

The **SSK-716** can wrench is specifically designed to work with all of our SSK Series Keys. The **SSK-716** can wrench has two 7/16" hex sockets 1 1/2" deep on either end and can be used to open enclosures that require a 7/16" socket.



SSK-716

Star Key Kits:

SPECS	SSK-950	SSK-876	SSK-850	SSK-900	SSK-750	SSK-800	SSK-700
SSK-716 CAN WRENCH	X	X	X	X	X	X	X
SSK-85	X	X	X				
SSK-90 P-KEY	X			X			
SSK-75		X			X		
SSK-80						X	
SSK-70							X
QR CODE							

For authorized personnel only.

Star Keys:

SPECS	SSK-70	SSK-75	SSK-80	SSK-85	SSK-90
KEY PATTERN	LB 8 point star & LK flower	LC 7 point star & LG flower	LB 8 point star & LG flower	LB 8 point star & LS 5 point star	P Key
QR CODE					



P Key For Self Lock Pedestal Lock - TTK-225

The Jonard Tools P Key (also known as a skeleton key) is designed to work with Channell locks and other similar pedestal locks. It can be used on many popular pedestals and opens most heavy duty spring-lock cabinets.



TTK-225

- Made of high quality brass for increased durability



Pocket Continuity Tester & Toner - PT-100

Designed to identify cables in an MDU and detect troublesome short circuits, this pocket continuity tester and toner is perfect for testing cables up to 5,000 ft (1,500 m) on the go.



PT-100

Replacement Speaker for Pocket Toner: **PT-350** Piezo Speaker



Pocket Continuity Tester & Toner w/ Voltage Protection - PT-300

Designed to identify cables in an MDU and detect troublesome short circuits, this pocket continuity tester and toner is perfect for testing cables up to 5,000 ft (1,500 m) on the go. Features manual ON/OFF switch & voltage protected up to 52V.



PT-300

Replacement Speaker for Pocket Toner: **PT-350** Piezo Speaker



Cable Mapper Pro - CM-100

Designed for finding and identifying up to 8 COAX and network cables in main cable boxes, this cable mapper and toner is the perfect tool for use on cables for CATV, network installations, satellite installations, telephone systems, audio-video equipment, CCTV, and security & alarm installations.



CM-100

Kit includes:

Cable Mapper/Tester/Toner, 8 COAX Identifiers, 8 Network Cable Identifiers, 2 Data Patch Cords, Coax Patch Cord, Network Cable Remote, Rugged Nylon Case, 2 AA Batteries, and an Instruction Sheet



Cable Mappers & Toners

Find and identify multiple coax cables in main cable boxes. For use on COAX Cables for CATV, Satellite Installations, Audio Video Equipment, CCTV and Security & Alarm Installations. These COAX Cable Mappers & Toners are designed to quickly find and identify multiple cables and easily map runs to and from a central cable bundle.



CM-8

CM-8 Kit contains:

Cable Mapper and Toner, 8 numbered & color-coded cable identifiers (#1 White, #2 Red, #3 Black, #4 Blue, #5 Green, #6 Yellow, #7 Purple, #8 Brown), (2) Alligator Clip Sets, Rugged Nylon Case, and an Instruction Sheet



CM-17

Replacement Cable Identifiers: **CMI-SET8** (Set of 8)

CM-17 Kit contains:

Cable Mapper & Toner 8 Way Kit **CM-8** & **CMI-RJ45** RJ45 Adapters (Set of 9)



Modular Cable Tester - MCT-468

Designed to test the continuity of RJ45, RJ12, and RJ11 connectorized cables, this cable tester checks and troubleshoots pin connections in network and telecom cables.



MCT-468

- Tests for opens, shorts, and miswiring of RJ45, RJ12, and RJ11 terminated cables
- Full LED indication lights on both main and remote unit



Telephone Butt Set w/ ABN, Analog - TBS-100

Designed to facilitate the installation, service, and maintenance of analog telephone lines, this telephone butt set has all the essential functions for testing telephone lines such as detecting dial tone, making and receiving calls, and tone and pulse modes. This telephone test set also features the following:

- Dial, ring, talk, mute, or redial using this telephone line tester
- Sends signals via dial tone (DTMF) or dial pulse
- Angled Bed-of-Nails (ABN) Clips clamp connections securely
- Includes telephone line tester, RJ11 test cord, and an extra fuse
- Waterproof housing protects the unit from inclement weather
- RJ11 switchbox can test telephone lines directly by plugging them in
- Battery free! No need for batteries as the unit operates using the ABN hook up or is powered by the telephone line



TBS-100



Non-Contact Dual Range Voltage Detector Pen, 24-1000VAC & 90-1000VAC w/ LED Flashlight - VT-1100

Designed to identify the presence of AC voltage in outlets, switches, circuit breakers, fuses, wires, and cables, this voltage tester is the perfect tool for verifying low and high voltage in live circuits.

- Low Voltage Detection between 24 to 1000 VAC
- High Voltage Detection between 90 to 1000 VAC



VT-1100



Cable Tester Tone & Probe Kit - TETP-800

Designed to quickly trace and identify cables, wires, and wire pairs, the Jonard Tools **TETP-800** tone and probe kit is the perfect kit for any Voice Data Video (VDV) professional.

Kit includes:

TETP-100 Tone Tracing Probe

- Plastic probe tip prevents accidental shorts
- Adjustable volume knob to work silently or to hear tone more easily
- Works with many other manufacturers' analog tone generators

TET-600 Cable Tester & Toner

- Provides tone via RJ11 connector or alligator clips
- Works with our **TETP-100** tracing probe or others to identify cables
- Able to test the continuity of cables and the polarity of telephone lines



TETP-800



Cable Tester Tone & Probe Kit+ w/ ABN - TETP-901

Designed to identify, trace, and test the continuity of BNC & F connectorized COAX cables, network cables using RJ45 connectors, and telephone lines using 6P2C/4P2C plugs. This multi-function cable tester tone and probe kit is the perfect kit for any Voice Data Video (VDV) professional.

Kit includes:

TET-700BC Cable Tester & Toner+ w/ ABN

- Plastic probe tip prevents accidental shorts
- LED light provides a visual indication of signal strength

TETP-200 Tone Tracing Probe+

- Remote terminator can be used to test network cables with ease
- Provides tone via RJ45 and BNC connectors or test clips
- **TET-6** Accessory Kit for Cable Testers & Toners+



TETP-901



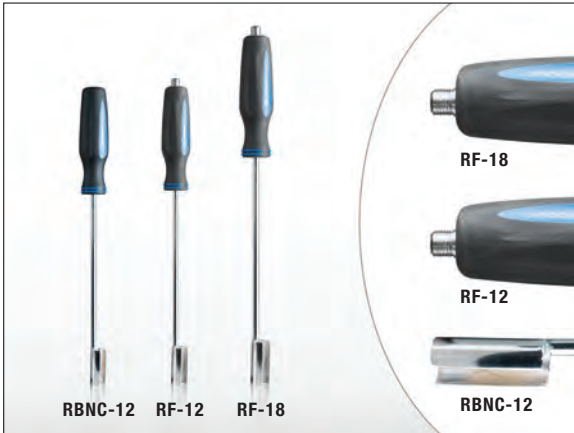
Compact BNC Connector Tool - RBNC-3

Designed to provide easy access to BNC connectors, this 2.25" BNC Connector Tool is perfect for installing or removing BNC connectors in high-density locations. This tool features the following:

- Compact design allows you to reach connectors in hard-to-reach places
- Knurled handle provides a secure grip while using the tool
- Steel loop can easily attach to a carabiner or key ring



RBNC-3



Connector Tools

The **RBNC-12** is designed to install or remove BNC connectors in high density locations. The **RF-12** and **RF-18** perform the same function but for F connectors and feature an insertion device on the back of the handle to aid in making connections.

- Ergonomically designed handle provides increased comfort and leverage
- Made from high-quality materials for maximum durability and long life

RBNC-12 - 12" long

RF-12 - 12" long

RF-18 - 18" long



RBNC-12



RF-12



RF-18



Extra Force F Connector Tool, 12" - RFX-12

Designed with a nut on the base of the handle and a short head with a heavy duty weld, this 12" F Connector Tool is perfect for installing or removing rusted or corroded F connectors in high-density locations.

- Short head design allows it to grasp connectors in high density locations where cables may be twisted or bent



RFX-12



Security Shield Tools

SST-716 Security Shield Tool 7/16" & **SST-716AT** Security Shield Tool Water Tight are used with 7/16" hex shielded F connectors. Design includes extended 7/16" shank for ease of use with Torque Wrenches in security shield applications. Black oxide finish. Knurled handle for secure gripping and includes a steel loop for turning leverage and carrying.

SST-916 is designed to be used on 9/16" hex shielded F connectors (RG11), this security shield tool is perfect for use with torque wrenches to lock security shields onto connectors. Knurled handle for secure gripping. Steel loop included for better leverage and easy storage. Shaft length 1.625".



SST-716



SST-716AT



SST-916



Low Torque Termination Tool - TT-812

Designed to tighten F connectors, this **PATENTED** indoor torque tool is perfect for connecting COAX connectors to consumer electronic devices with the proper amount of torque every time.

- Small and compact for getting into tight spaces: 1 3/8" tall and 7/8" diameter
- Helps prevent signal loss, ingress / egress



TT-812



CABLE INSTALLATION



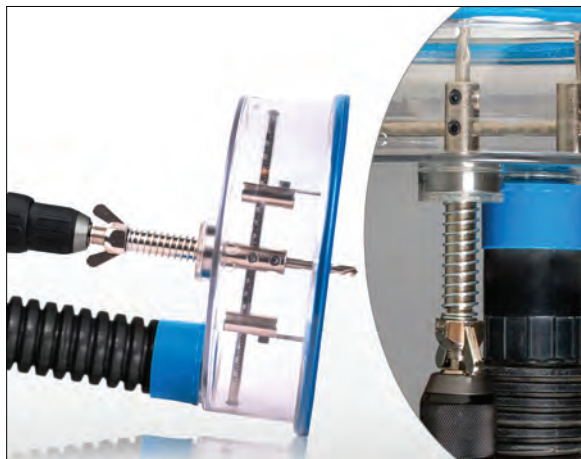
Adjustable Round Hole Cutter, 2.2"-10" - AHC-10

The Jonard Tools **AHC-10** adjustable hole cutter is designed for cutting round holes in ceilings, walls, and floors and is the perfect tool for installing recessed speakers, lighting, or other round objects.



AHC-10

Replacement Blades (Pack of 2): **AHC-10RB**



Adjustable Round Hole Cutter w/ Vacuum Port, 2.2"-9" - AHC-19

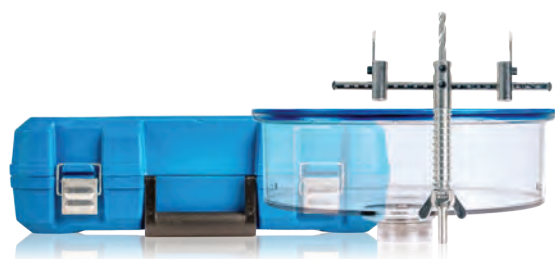
Designed for cutting round holes in ceilings, walls, and floors without making a mess, the **AHC-19** is the perfect tool for installing recessed speakers, lighting, or other round objects. This adjustable hole cutter features the following:



AHC-19

- Can be hooked up to vacuums, with 2.5" (63.5 mm) diameter hose nozzles, to suck up debris as you go
- Cuts plywood, sheetrock, plasterboard, and acrylic sheet up to 1 1/16" (27 mm) thick
- Cutting depth is adjustable via hex locknut and compression spring
- Cuts hole sizes from 2.2" to 9" (56 mm - 228.6 mm) in diameter
- Polycarbonate transparent dust shield collects dust and prevents chips from flying into eyes while cutting
- Rubber gasket provides surface protection against damage, tight seal against flat surfaces, and prevents fallout from debris
- Compression spring absorbs vibrations while cutting
- Can be used with any variable-speed drill
- Power drill and vacuum not included with hole cutter

Replacement Blades (Pack of 2): **AHC-19RB**





Telescoping Poles

Designed to provide more control and accuracy than the competitors, these telescoping poles are perfect for installing or retrieving cables in drop ceilings or other hard to reach places. Includes: C & K hooks (to help grab/push cables), adapter (to replace the platform for navigating tight spaces), and small carrying pouch.



RDT-12K

RDT-18K

RDT-12K Length: 12'

RDT-18K Length: 18'

Accessory Replacement Kit for RDT-18K: **RDT-3RH**

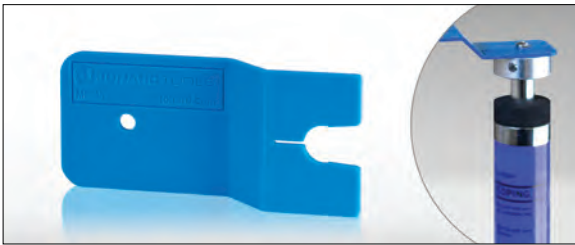


Magtime™ Magnetic Cable Holder (Pack of 25) - MF-25/25



MF-25/25

Made of neodymium (a rare earth magnet), these cable holders quickly and easily allow the technician to install cables without any drilling, screwing or nailing required. These powerful magnets can hold a substantial number of cables based on the size chosen. Hang wires in high places from the ground using a telescopic pole with the cable pole adapter.



Magtime™ Cable Pole Bracket - MF-45



MF-45

The **MF-45** is the **RDT-18K** Telescopic Pole adapter to be used with the **MAGTIME** series of magnetic cable holders to place in locations typically requiring a ladder or other lifting device. The **MF-45** is made from Tough ABS plastic and is flexible to allow for ease of use and rugged enough to withstand accidentally being dropped from heights over 10ft.



Standard J Hooks (Packs of 100)

Designed for heavy-duty hanging applications, these J hooks provide stress-free cable support while keeping your cable bundles neat and organized.

SPECS	JH12-100	JH21-100	JH32-100
DESCRIPTION	Size 12 for bundles up to 3/4" diameter	Size 21 for bundles up to 1 5/16" diameter	Size 32 for bundles up to 2" diameter
CABLE CAPACITY	Up to 16 CAT5E or 10 CAT5E/CAT6 cables	Up to 50 CAT5E or 32 CAT5E/CAT6 cables	Up to 80 CAT5E or 50 CAT5E/CAT6 cables
QR CODES			





Pulley for Low Voltage Electrical, Network, and COAX Cables (Pack of 2) - CP-475

The **CP-475** is a set of two cable pulleys designed to help install electrical, COAX, network, and other various low voltage cables. With their swivel snap hooks, deep grooves, and anti-friction bearings, these pulleys keep cables aligned with the direction of the pull, preventing snags and kinks.

- Holds up to 20 CAT5/6 network cables
- Swivel snap hook installs easily and keeps pulley aligned with direction of pull to prevent kinks



CP-475



Cable Comb® Cable Organizing Tool - CCB-25

Neatly bundle your cables! Jonard Tools' Cable Comb® Cable Organizing Tool substantially reduces the amount of time it takes to straighten, organize, and lash multiple cables together with ease. The Cable Comb also features the following:

- Compatible with any cables or wires up to 1/4" (6.35 mm) in diameter, such as: Coaxial (not RG6 Quad), Plenum, Control, CAT5/5E/6 Network, Speaker, and Alarm Cables and Wires
- Holds up to 24 cables (0.25" in diameter)
- Unique design allows individual cables to be loaded into the orange inner hub at any point during use without the need to find and thread the cable ends
- Cables can also be removed at any point during use by sliding the blue outer collar back and removing them through the large opening of the collar



CCB-25



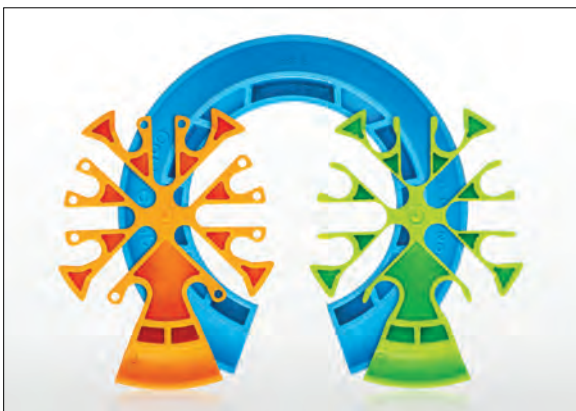
Cable Comb® Cable Organizing Tool CAT6A/CAT7 - CCB-34

Neatly bundle your cables! Jonard Tools' Cable Comb® Cable Organizing Tool Set substantially reduces the amount of time it takes to straighten, organize, and lash multiple cables together with ease. The Cable Comb® also features the following:

- Holds up to 24 CAT6A, CAT7, or other similar sized cables
- Compatible with any cables or wires up to 0.36" (9.14 mm) in diameter, such as: Coaxial (not RG6 Quad), Plenum, Control, CAT5/5E/6/6A/7 Network, Speaker, and Alarm Cables and Wires
- Unique design allows individual cables to be loaded into the green inner hub at any point during use without the need to find and thread the cable ends



CCB-34



Cable Comb® Cable Organizing Tool Set - CCB-2534

Neatly bundle your cables! Jonard Tools' Cable Comb® Cable Organizing Tool Set substantially reduces the amount of time it takes to straighten, organize, and lash multiple cables together with ease. The Cable Comb® also features the following:

- Holds up to 24 cables
- Unique design allows individual cables to be loaded into the orange/green inner hub at any point during use without the need to find and thread the cable ends

Set includes:

CCBR-5 Cable Comb® Outer Ring (Blue)

CCBH-25 Cable Comb® Inner Hub (Orange)

CCBH-34 Cable Comb® Inner Hub (Green)





CCB-2534



Fish Tapes

Designed for easier payout and rewind, these Fish Tapes Reels are perfect for pulling wire or cables through conduit, walls, or under carpets. These also feature the following:

- Made from a high strength spring steel to handle heavy-duty wire pulls with ease

SPECS	FTS-50	FTS-240
DESCRIPTION	Fish Tape 50 Feet	Fish Tape, 240 Feet
DIMENSIONS	1/8" (3.2 mm) wide x 1/16" (1.6 mm) thick x 50 feet (15.2 m)	1/8" (3.2 mm) wide x 1/16" (1.6 mm) thick x 240 feet (73.2 m)
WEIGHT	2.5 lbs (1.13 kg)	6.8 lbs (3.08 kg)
QR CODES		



Fiberglass Fish Tape Rodder, 100' - FTF-1125

The Jonard Tools **FTF-1125** has been designed to be the ultimate non-conductive fish tape dispenser and winder. With its built-in handle, fastening and anchoring system, center compartment, and two furling systems, this fish tape system is perfect for pulling wire or cables through conduit, walls, or under carpets. This fish tape system also features the following:



FTF-1125

- Tape is made from a non-conductive nylon-coated fiberglass rod for ultimate flexibility and durability
- Ultra-smooth pay out and furling of fish tape using the built-in reel handle
- Transparent backing allows you to see how much tape is left
- Backing can be removed easily via metal lock pin to repair the tape quickly and easily
- Case is made from a high impact plastic material for superior durability, allowing you to stand on it for a hands-free experience



Coated Fiberglass Rodder, 3/16" x 300' - ROD-3316

Lightweight and portable, this rodder unit is perfect for running conduit cable or wire through or along conduit drops as well as home drops from the hand-hole box to a building. This rodder also features the following:



ROD-3316

- Lightweight and compact design for easy transport
- Can be pulled horizontally or vertically
- Made with a non-conductive fiberglass core with a yellow nylon coating for high visibility and flexibility
- Nylon coating on rod resists harsh environments and provides a low friction surface for easier pulling
- Drag brake for controlling pay out speed
- Triangular stand for stability
- Compatible with any conduit 3/4" or larger
- Includes: **ROD-3316AK** - Accessory Kit containing flexible leaders with a pulling eye or ball tip



Cable Funnel Drop Ceiling Protector - CPF-215

Designed to prevent the snaring or snagging of cables in drop ceilings, this tool is perfect for protecting cables and ceiling grids while pulling cable. This tool also features the following:

- Protects any type of cable from being damaged while being pulled through a drop ceiling
- Prevents ceilings from being twisted or marred while cable is pulled
- Made from a smooth plastic material to minimize friction and make cable pulling easy
- Side slit and removal fin make removal quick and easy
- Works with standard 1" ceiling grids
- Lifetime Warranty



CPF-215



Cable Roller for Cables up to 1" Diameter (Pack of 6) - CR-150/6

Designed to work on cables up to 1" diameter. The **CR-150/6** is simple and easy to use for pulling cable in overlash construction.

- Rugged design and built to last
- Supports cables up to 1" in diameter including fiber optic cable
- Cable roller design helps prevent snagging and catching
- Snaps over strand cable to install quick and easy for overlash construction
- Cable roller made from durable nylon plastic



CR-150/6



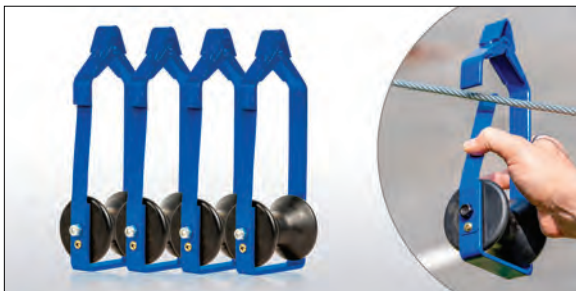
Cable Roller for Cables up to 1" Diameter (Pack of 4) - CR-210/4

Designed to work with two cables up to 1" diameter each. The **CR-210/4** is simple and easy to use for pulling cable in overlash construction.

- Supports cables up to 1" in diameter including fiber optic cable
- Cable roller design helps prevent snagging and catching
- Snaps over strand cable to install quick and easy for overlash construction
- Roller made from durable nylon plastic



CR-210/4



Cable Roller for Cables up to 3" Diameter (Pack of 4) - CR-300/4

Designed to work on cables up to 3" diameter. The **CR-300/4** is simple and easy to use for pulling cable in overlash construction.

- Rugged design and built to last
- Supports cables up to 3" in diameter including fiber optic cable
- Cable roller design helps prevent snagging and catching
- Snaps over strand cable to install quick and easy for overlash construction
- Roller made from durable nylon plastic



CR-300/4



Electrical Knockout Kit - WBK-100

The Jonard Tools **WBK-100** Electrical Panel Knockout Kit is designed to open knockouts from electrical panels without damaging the panel or cutting holes in the drywall quickly and easily.

Kit includes:

- (1) panel buddy and (1) modified screwdriver



WBK-100



HDMI Cable Tester - HDMI-100

Designed to test HDMI and Mini HDMI cables with ease, this HDMI Cable Tester is the perfect tool for evaluating HDMI cables that may have shorts, open circuits, or have wire pairs in the wrong order.

This HDMI tester features the following:

- Perfect for use on 1.2V, 1.3V, 1.4V, 2.0V HDMI or Mini HDMI cables
- Scan mode allows you to see each individual connection being tested
- Full Display mode shows all of the tested connections at once
- Remote can be detached from the main unit, allowing you to quickly and easily test HDMI cables that are installed or very long
- Auto-shutdown function after 10 minutes helps preserve battery life
- Includes (1) 9V battery required for operation



HDMI-100



Heavy Duty Cable Tie Gun, 3/16" - CTG-1000

Designed with an all metal construction, this cable tie gun is perfect for cutting standard and heavy-duty cable ties flush, preventing sharp edges from occurring. This cable tie gun also features the following:

- Cuts cable ties and zip ties up to 3/16" (4.76 mm) wide flush to the surface
- Tension adjustment knob with 4 tension levels (0-3) to prevent excess tightening on cables
- Automatically flush cuts cable ties when the set tension is reached
- Made from precision engineered parts for smooth operation
- Ergonomic handle design makes it comfortable and easy to use



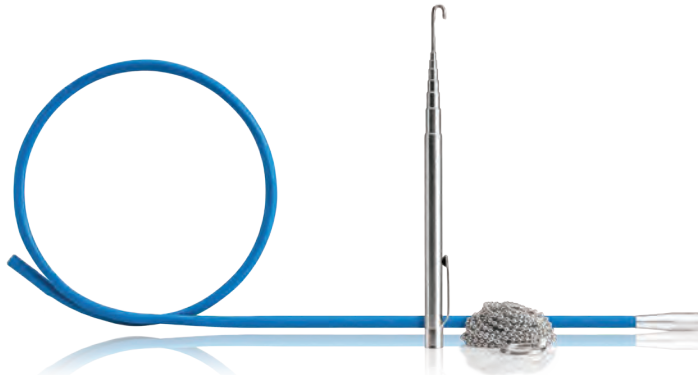
CTG-1000



MAGNETRIEVER®

Kits include:

- 24" or 36" Flexible Magnetic Retriever
- MRS-BC10** 12' Ball Chain with 3/4" Stop Ring
- MRS-RH20** Expandable Retriever Hook
- Eyelet Retriever (**MRS-36** only)
- Storage Pouch



MagneTrievers® - MRS-24

The **MRS-24** - MagneTrievers® is the ideal tool to effortlessly fish wires through walls.



MRS-24

MagneTrievers® Pro - MRS-36

The **MRS-36** - MagneTrievers® Pro is the professional tool to effortlessly fish wires through walls using its 36" magnetic retriever, bullet nose, and reinforced 12' ball chain.



MRS-36



Magnamole Magnetic Cable Guide Kit - MM-800

Quickly threads wire and cable through cavity walls and void spaces. Threads at an angle and safely through other wire and cable obstacles. Saves time, saves money, and sharply reduces the risk of accidents.



MM-800

Kit includes:

- 1 Magnetic Rod (17"), 2 Magnetic Extensions (14"), 5 Magnetic Caps, Storage Pouch

SPECS	MM-110	MM-120
DESCRIPTION	Replacement Magnets (3 Magnetic Caps of Each Color)	Replacement Magnets (2 Magnetic Caps of Each Color)
CAP COLOR & CABLE DIAMETER	(Red) 0.169" to 0.205"; (Blue) 0.230" to 0.295"	(White) 0.145" to 0.169"; (Gray) 0.173" to 0.201"; (Black) 0.205" to 0.232"
CABLE USED WITH	CAT5 RG6, RG6 TRI, RG6 Quad	CAT3, 3.1 mm Simplex Fiber Optic Cable, CAT5, CAT5E, RG59, 12AWG Romex
QR CODE		



Magnetic Cable Retrieval Systems

Designed with ultra-strong neodymium magnets and a cylindrical head with rubber-coated wheels, this magnetic cable retrieval system makes it quick and easy to pull wire through drywall, finished walls, and other tight spaces without damaging or scuffing the surface. **PATENTED.**



MP-700

Kits (MP-700) include: Magnetic Retriever, 3/4" Drop Magnet with Pull Line, Convenient Carrying Case

JONARD P/N	DESCRIPTION
MP-700	MagneTrievers® MaxForce+ Retrieval System
MP-220	3/4" Drop Magnet without Leader
MP-210	3/4" Drop Magnet with Leader
MP-100	1/2" Drop Magnet without Leader

Glow Rods and Accessories

These glow rods are 3/16" in diameter with medium flexibility and 8-32 size threads. The rods are made of luminescent fiberglass and the connectors are made of stainless steel. The **RDG-FLW** WhiskLight® is included in the **RDG-RP4A** accessory kit (and the **RDG-15A** and **RDG-30A**) are sold separately.



Glow Rods - Various kits available.



SPECS	RDG-5	RDG-15A	RDG-30A	RDG-9	RDG-515
OVERALL LENGTH	5 ft (1.52 m)	15 ft (4.57 m)	30 ft (9.14 m)	9 ft (2.74 m)	30 ft (9.14 m)
INDIVIDUAL GLOW ROD LENGTH	5 ft (1.52 m)	5 ft (1.52 m)	5 ft (1.52 m)	1.5 ft (0.457 m)	5 ft (1.52 m)
# OF RODS	1	3	6	6	15
INCLUDED ATTACHMENTS	N/A	RDG-RP4A	RDG-RP4A	Bullet Nose	N/A
WEIGHT	0.160 lb (72.6 g)	1.18 lb (0.535 kg)	1.18 lb (0.535 kg)	0.617 lb (0.28 kg)	2.4 lb (1089.6 g)
WEIGHT PER GLOW ROD	0.160 lb (72.6 g)	0.160 lb (0.0726 kg)	0.160 lb (0.0726 kg)	0.073 lb (33 g)	0.160 lb (0.0726 kg)
QR CODE					



4 Piece Glow Rod Attachment Replacement Kit+ - RDG-RP4A

This product is the attachment head replacement kit for the **RDG-15A** and **RDG-30A** Glow Rod Kits.

Kit contains: Ball Chain, Eyelet, Hook, and **RDG-FLW** WhiskLite®.



RDG-RP4A



WhiskLight® - RDG-FLW

Designed to illuminate dark areas and guide glow rods through acoustical ceilings or crawl spaces, the WhiskLight® is the perfect flashlight or whisk attachment head for glow rods and fish sticks.



RDG-FLW



Reference Point Locator - MP-800

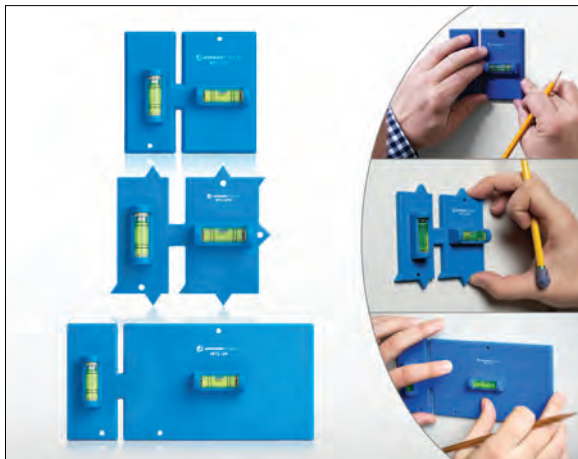
Designed with a precise signal transmitter and locator, this Reference Point Locator pinpoints the exact location to drill or cut through a wall, so no more guesswork.

Kit includes:

Transmitter, Receiver, 2 9V Batteries, Tack Adhesive, Instruction Sheet, Carrying Case






MP-800



Wall Templates & Levels

Designed specifically for cutting out old work boxes, this wall template level is perfect for ensuring the boxes are level every time.

SPECS	WTL-12	WTL-32M	WTL-34
DESCRIPTION	Wall Box Template & Level for Non-Metallic Boxes, 1-Gang and 2-Gang	Wall Box Template & Level for Metal Boxes, 1-Gang and 2-Gang	Wall Box Template & Level for Non-Metallic Boxes, 3-Gang and 4-Gang
ELECTRICAL BOX TYPE	Non-Metallic, Old Work	Metallic, Old Work	Non-Metallic, Old Work
NO. OF GANGS	1-Gang, 2-Gang	1-Gang, 2-Gang	3-Gang, 4-Gang
QR CODE			



Electrical Wall Box Cutters

Cuts drywall in seconds making installation of electrical boxes fast and easy. The **EBC-400** cuts a 2-3/8" x 3-3/4" hole for single gang boxes and the **EBC-800** cuts a 4" x 3-3/4" hole for double gang boxes.



EBC-400

Available Kits:

- **EBW-412** kit includes the **WTL-12** and **EBC-400**
- **EBW-812** kit includes the **WTL-12** and **EBC-800**








EBC-800



Steel Cable Caddies

These sturdy cable caddies are constructed of 0.06" thick tubular steel that is 7/8" in diameter and feature the following:

- Folding mechanism for easy storage
- Sturdy steel construction with dual leg chains for increased stability and longer life
- Portable and compact design to make it easy to store and move around job sites
- Able to hold cable reels weighing up to 100 lb (45.4 kg)
- Easy setup by just placing cable caddy on the floor, removing the cotter pin, and loading the reel
- Slip-resistant rubber feet to prevent the caddy from slipping while also protecting floors from damage

SPECS	CC-2721	CC-2721WS	CC-2726	CC-2726WS	CC-5442
STYLE	Standard	With Wheels & Pull Strap	Standard	With Wheels & Pull Strap	Double Deck
OVERALL WIDTH	21" (53.3 cm)	21" (53.3 cm)	26" (66.0 cm)	26" (66.0 cm)	21" (53.3 cm)
OVERALL HEIGHT	27" (68.6 cm)	28" (71.1 cm)	27" (68.6 cm)	28" (71.1 cm)	27" (68.6 cm)
SPOOL ROD DIAMETER	5/8" (15.88 mm)	5/8" (15.88 mm)	5/8" (15.88 mm)	5/8" (15.88 mm)	5/8" (15.88 mm)
MAXIMUM SPOOL WIDTH	17" (43.2 cm)	17" (43.2 cm)	22" (55.88 cm)	22" (55.88 cm)	17" (43.2 cm)
MAXIMUM SPOOL DIAMETER	20" (50.8 cm)	20" (50.8 cm)	20" (50.8 cm)	20" (50.8 cm)	20" (50.8 cm)
MAXIMUM SPOOL WEIGHT	100 lb (45.4 kg)	100 lb (45.4 kg)	100 lb (45.4 kg)	100 lb (45.4 kg)	100 lb (45.4 kg)
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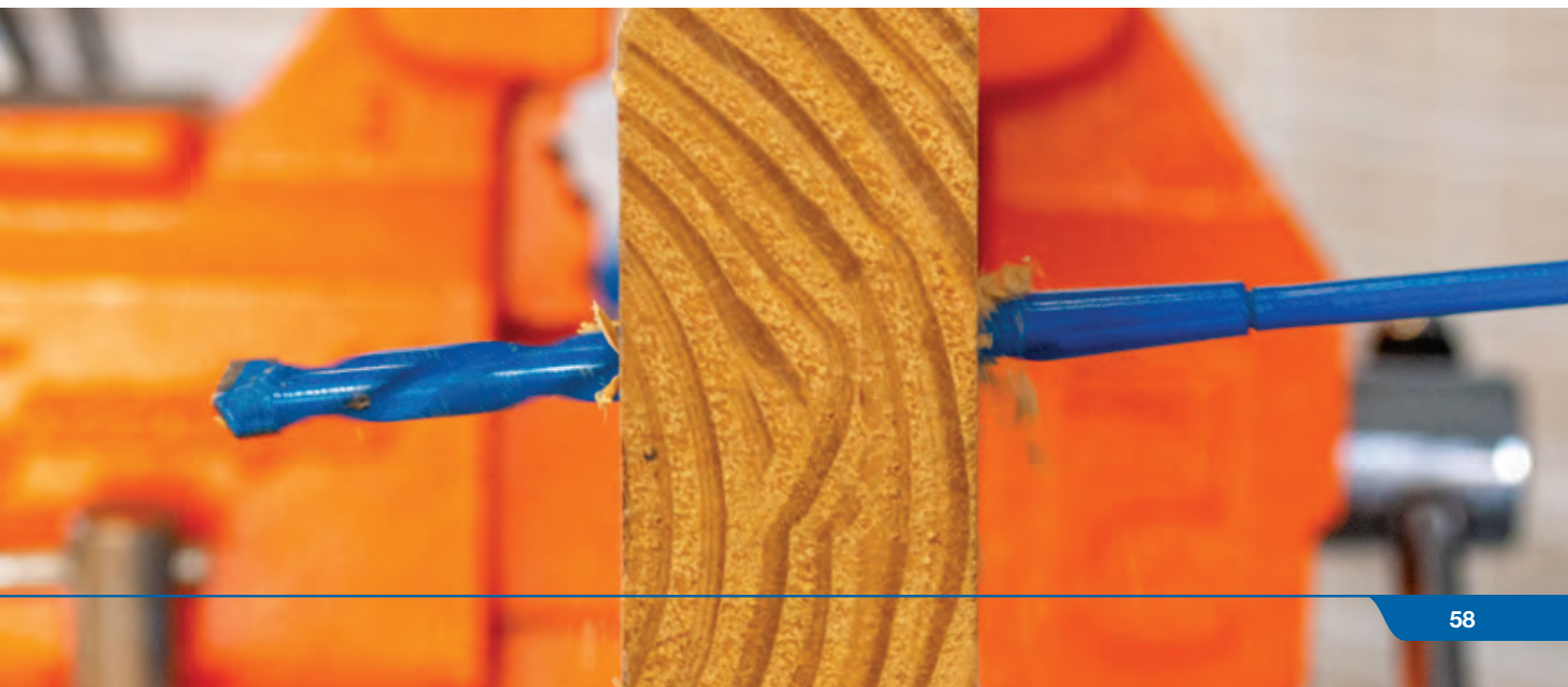
Combination, Bellhanger and High Speed Steel Drill Bits

Designed to drill through metal, wood and masonry walls for installing computer, security, phone, and cable small wire systems, these drill bits eliminate the need to carry multiple drill bits with you, perfect for any installer. These drill bit also features the following:

- Aggressive tips drill through metal, wood, masonry, and other similar materials with ease
- Holes on the bit head and chuck allow for pulling of wires after drilling
- Black oxide coated shaft and powder coated blue for greater rigidity, durability, and rust resistance

SPECS	DBB-3812	DBB-3824	DBB-3836	DBC-144	DBC-1218	DBC-1224	DBC-3818	DBC-3824
DESCRIPTION	High Speed Steel Bellhanger Bit	High Speed Steel Bellhanger Bit	High Speed Steel Bellhanger Bit	Combination Bit	Combination Bellhanger Bit	Combination Bellhanger Bit	Combination Bellhanger Bit	Combination Bellhanger Bit
USED FOR	Metal & Wood	Metal & Wood	Metal & Wood	Wood & Masonry	Wood & Masonry	Wood & Masonry	Wood & Masonry	Wood & Masonry
OVERALL LENGTH	12"	24"	36"	4"	18"	24"	18"	24"
DIAMETER	3/8"	3/8"	3/8"	1/4"	1/2"	1/2"	3/8"	3/8"
QR CODE								

SPECS	DBF-1224	DBF-1412	DBF-1418	DBF-1424	DBF-3812	DBF-3818	DBF-3824	DBF-3836	DBF-3872
DESCRIPTION	High Speed Steel Flex Bit	High Speed Steel Flex Bit	High Speed Steel Flex Bit	High Speed Steel Flex Bit	High Speed Steel Flex Bit	High Speed Steel Flex Bit	High Speed Steel Flex Bit	High Speed Steel Flex Bit	High Speed Steel Flex Bit
USED FOR	Metal & Wood	Metal & Wood	Metal & Wood	Metal & Wood	Metal & Wood	Metal & Wood	Metal & Wood	Metal & Wood	Metal & Wood
OVERALL LENGTH	24"	12"	18"	24"	12"	18"	24"	36"	72"
DIAMETER	1/2"	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
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Straight Cable Sewing Needle - JIC-284

Designed for cable sewing, this "Chicago type" straight metal needle is made from cold-rolled strip steel, perfect for anyone in the cable industry looking to sew or lace cable.

- Needle is .016" thick.
- Overall Length 12"



JIC-284



Metal Cable Sewing Needle - JIC-287

The Jonard Tools **JIC-287** Cable Sewing Needle is designed to harness or lace multiple lead bundles quickly and easily. Overall length 5 3/4".

- Curved notched sewing needle made from durable spring steel
- Anodized aluminum handle for long life and durability

Replacement Needles (Pack of 6): **RB-287/6**



JIC-287



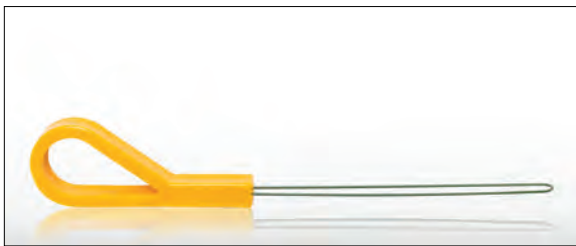
Insulated Cable Sewing Needle - JIC-3209

The Jonard Tools **JIC-3209** Cable Sewing Insulated Needle is designed to harness or lace multiple lead bundles quickly and easily. Overall length 5 1/2".

- Curved notched sewing needle harnesses or laces multiple lead bundles
- Made from durable spring steel with xylan insulated coating



JIC-3209



Insulated Wire Loop Puller, 4 1/2" - JIC-2257

The Jonard Tools **JIC-2257** Insulated Wire Loop Puller facilitates pulling wire through terminal blocks, rings on main frames, or fanning strip holes. Loop is 4 1/2" long. Overall length 8".

- Fully insulated to prevent accidental shorts and damage to electronic components
- Used in the Jonard Tools **WWK-CO** Wire Wrap Kit



JIC-2257



Metal Wire Loop Puller, 4 1/2" - JIC-2257M

The Jonard Tools **JIC-2257M** Metal Wire Loop Puller facilitates pulling wire through terminal blocks, rings on main frames, or fanning strip holes. Loop is 4 1/2" long. Overall length 8 1/2".

- Durable red anodized aluminum handle is comfortable and easy to hold

Replacement Loops (Pack of 6): **RB-2257/6**



JIC-2257M



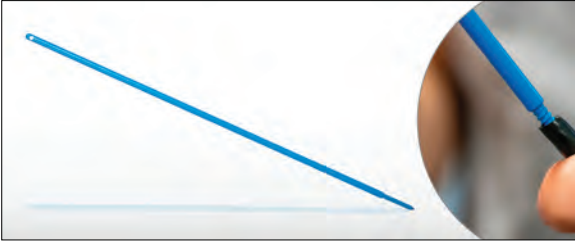
Metal Wire Loop Puller, 12" Long - JIC-2257M-12

The Jonard Tools **JIC-2257M-12** Metal Wire Loop Puller facilitates pulling wire through terminal blocks, rings on main frames, or fanning strip holes. Loop is 12" long. Overall length 15".

- Loop is crimped for a more narrow profile and is easier to use in tight terminal blocks
- Coated with blue xylan to prevent shorts and electrical shocks



JIC-2257M-12



Cable Pulling Rod, 12" - CPR-12

Designed to pull cables or wires through walls, floors, and ceilings, this cable pulling rod is perfect for pulling cable without requiring sheath stripping. This rod also features the following:

- Pushes wires through old holes that could be partially blocked
- Stiff rod makes it easy to manipulate wire and cable through walls



CPR-12



Pull Line Blower for 3/4" to 2" (18-50 mm) Conduit - PLB-1000

Designed to blow or suck pull line through 3/4" to 2" (18-50 mm) conduit for cable pulling, this pull line blower is perfect for running wire or cable through conduits multiple times a day. With its unique design, it makes short work of bends and kinks in conduit, saving a huge amount of time compared to mule tape or jet line. This pull line blower also features the following:

- Blows or sucks pull line without the need for a compressor
- For all commercial and residential pipe work with internal diameters from 3/4" to 2" (18-50 mm)
- Lightweight and ergonomic for superior accessibility, even in confined spaces
- Works great on flexible conduit
- Saves a tremendous amount of time compared to mule tape or jet line



PLB-1000

Replacement Pull Line (900 m): **PLB-1000PL**

Kit includes:

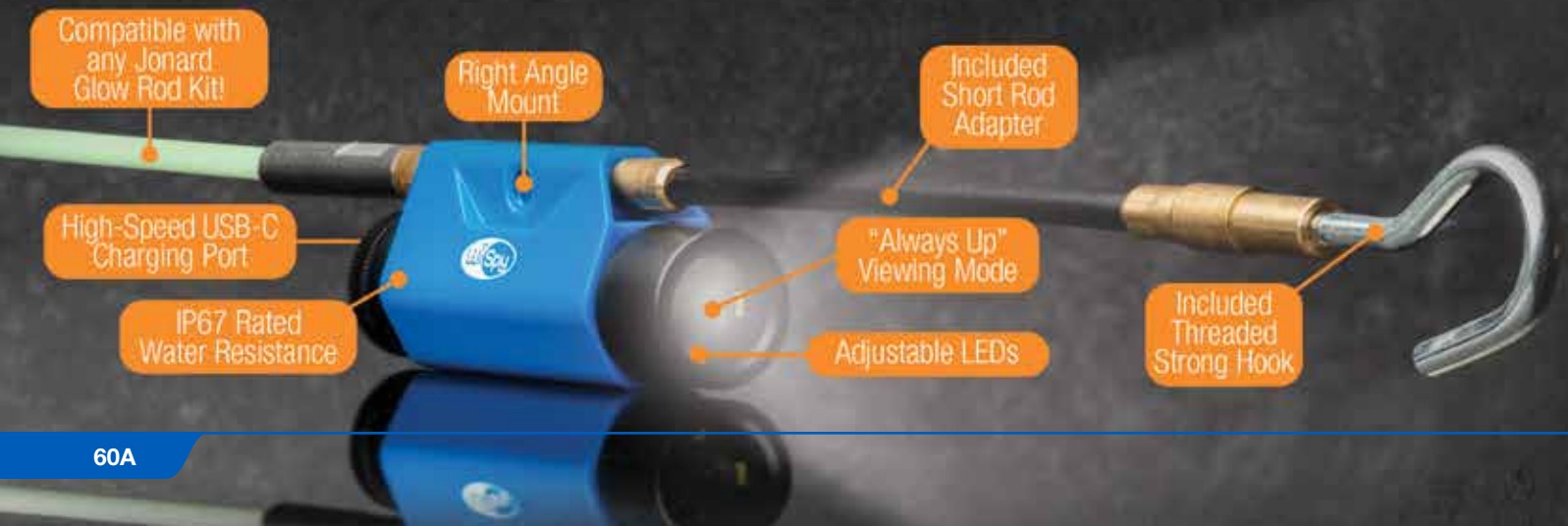
- **PLB-1000** Pull Line Blower (aka Stringing Gun)
- 2 Pull line rolls (Ø 1 mm, tensile strength approx. 24 kg, length approx. 900 m)
- 1 Suction device
- 1 Components set A: 2 joints 1/2" reducer 19/12 mm plus nozzle int. Ø 9,5 mm
- 1 Components set B: 3 joint 3/4" nozzle int. Ø 16 mm plus nozzle int. Ø 19 mm
- 1 Special nozzle black, for int. Ø from 25 to 50 mm
- 1 Special nozzle with 90° angle, Ø ext. 12 mm
- 3 Beads (round) of Ø 11mm
- 3 Beads (round) of Ø 13mm
- 3 Beads (round) of Ø 16mm
- Operating Manual



INTRODUCING



MULTIPURPOSE WIRELESS INSPECTION CAMERA & CABLE PULLING TOOL



Compatible with
any Jonard
Glow Rod Kit!

Right Angle
Mount

Included
Short Rod
Adapter

High-Speed USB-C
Charging Port

"Always Up"
Viewing Mode

IP67 Rated
Water Resistance

Adjustable LEDs

Included
Threaded
Strong Hook

PERFECT FOR ANY INDUSTRY



TELECOM



MECHANIC



INSPECTION



CHIMNEY



HOME/DIY



INSPECTION/DIY/MAINTENANCE



Multipurpose Wireless Inspection Camera & Cable Pulling Tool

The WiSpy® is a professional and durable inspection camera ideal for any hard to see inspections.

- App controlled variable focus lens
- "Always Up" viewing mode
- Fast charging
- Able to change resolution and WiFi channel
- Designed with a hole for right angle mounting eliminating the need for a right angle adapter



CF-200

DOWNLOAD THE APP!



INCLUDED FREE WITH THE WiSpy KIT!



Telescoping Pole, 5 ft (11 ft Total Reach)

(Part # CFP-60)

Designed to extend a full 5 feet (1.52 meters) while providing exceptional control and accuracy, this telescoping pole is perfect for holding the WiSpy® camera or installing and retrieving cables in drop ceilings or other hard to reach places.



CFP-60

INCLUDED FREE WITH THE WiSpy KIT!



Cell Phone Wrist Band, 11"

(Part # CWB-11)

The Jonard Tools CWB-11 is the perfect companion to our WiSpy® camera. This wrist band holds your cell phone allowing for hands-free use while you use our WiSpy® product for your inspection and viewing needs.



CWB-11



SOLAR



Solar Panel Crimper w/ Included MC4 Die - SPC-MC4



SPC-MC4

Designed to crimp **MC4 connectors** onto 14, 12, or 10 AWG (2.5 / 4.0 / 6.0 mm²) solar panel wire, the **SPC-MC4** solar panel crimper is the perfect tool for installing and maintaining solar panel connectors. This crimper features the following:

- Parallel jaws with adjustable pressure-regulating gear and self-locking design crimp solar panel connectors perfectly every time
- Built-in ratchet makes crimping quick and easy
- Made of hardened carbon steel with a black oxide finish for strength and durability
- Dual component grip provides greater comfort and ergonomics
- Able to crimp **MC3 connectors** using an MC3 die (**SPD-MC3**), sold separately



Solar Panel MC3 Crimper Die
SPD-MC3



Solar Panel MC4 Crimper Die
SPD-MC4

SPECS	SPD-MC3	SPD-MC4
DESCRIPTION	Solar Panel MC3 Crimper Die	Solar Panel MC4 Crimper Die
CONNECTOR TYPE	MC3 Connectors	MC4 Connectors
DIMENSIONS:	1.28" x 1.40" x 0.391" (32.5 mm x 35.7 mm x 9.91 mm)	1.28" x 1.40" x 0.391" (32.5 mm x 35.7 mm x 9.91 mm)



Solar Panel Spanners for MC4 Connectors (Pack of 2) - SPS-2



SPS-2


Designed to lock and unlock MC4 connectors for termination or removal, these solar panel spanners are ideal for solar panel installers when terminating or replacing a new MC4 solar panel connector.

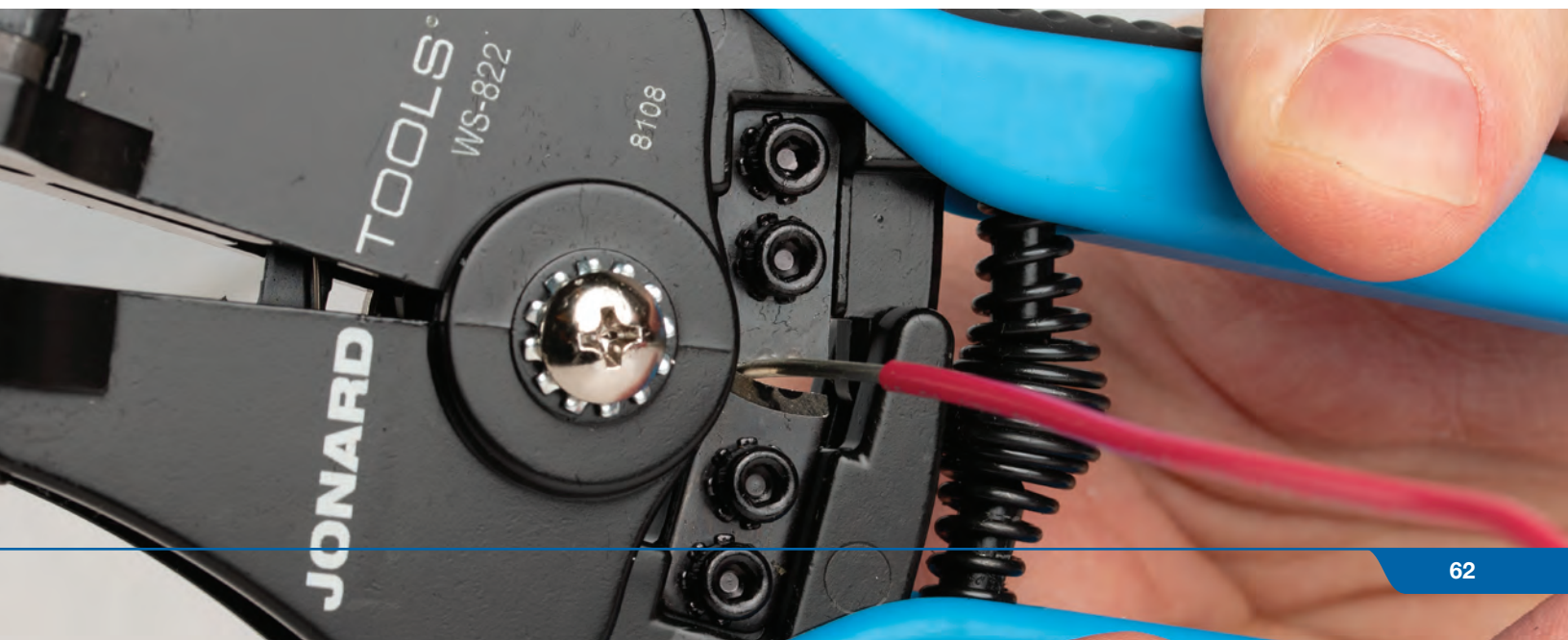


Solar Panel MC3 & MC4 Crimping Tool Kit w/ Insulated Screwdrivers

The Jonard Tools **SPK-100** Solar Panel Crimping Tool Kit w/ Insulated Screwdrivers is designed to facilitate the installation and maintenance of solar panels. It includes a variety of tools to make installing and maintaining solar panels quick and easy.

Kit includes:

JONARD P/N	DESCRIPTION	SPK-100
INS-2100	Phillips Insulated Screwdriver, #2 x 4"	X
INS-475	Cabinet Slotted Insulated Screwdriver, 1/8" x 3"	X
JIC-625	Copper COAX & Network Cable Cutter	X
SPC-MC4	Solar Panel Crimper with included MC4 Die	X
SPD-MC3	Solar Panel MC3 Crimper Die	X
SPS-2	Solar Panel Spanners for MC4 Connectors (Pack of 2)	X
TKC-110	Rugged 11 Pocket Tool Case	X
WS-822	Wire Stripper and Cutter, 8-22 AWG	X
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HAND TOOLS

Jonard Tools has engineered premium hand tools since 1958. All our tools are designed to provide industry solutions and undergo quality testing to ensure our Made For Life® lifetime warranties.

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All Jonard pliers are heat treated and made of chrome vanadium or high carbon alloy steel for increased strength and precision cutting. These ultra durable pliers have machine cut edges to provide exceptionally smooth action and are made to exceed ASME/ANSI standards.

PLIERS



Copper COAX & Network Cable Cutter - JIC-625

Jonard's cable cutters are made of Chrome Vanadium Steel and are heat treated for maximum strength and durability.

- Ideally used for soft copper coax and network cables and able to cut solid, stranded, and flexible cables up to 6 AWG

Jaw Thickness: 0.4" (10.2 mm), Overall Length: 6" (16.51 cm)



JIC-625



COAX Cable Cutter Steel - JIC-725

A plier designed specifically for coax cables with a steel center conductor. This plier has been tested (over 25,000 cuts) on cables with steel centers, and specifically CCSC (copper clad steel center) conductor cables without degradation to the cutting blades. Plier will also cut many other cable types.

Jaw Thickness: 1/4" (6.35 mm), Overall Length: 6 1/4" (158.75 mm)



JIC-725



3/4" COAX Cable Cutter - JIC-750

Designed to cleanly cut up to 3/4" hard line coaxial cable and larger fiber cables without compressed or frayed ends.

- Eliminates cable distortion during prep by functioning like a tube cutter
- Ergonomically designed handle with dipped plastic grip for greater comfort and torque



JIC-750



1" COAX Cable Cutter - JIC-755

Designed to cut up to 1" coaxial cable. This tool works like a tube cutter to eliminate cable deformation during cable preparation. Tool provides precision one-handed cutting action. Not designed for ACSR or other steel cables.

Cable Diameter: 1" (25.4 mm), Overall Length: 8 1/4" (209 mm)



JIC-755



High Leverage Diagonal Cutting Pliers, 8" - JIC-2288

Crafted for heavy-duty wire cutting and use for the most demanding applications, precision machined cutting edges provide exceptionally smooth action.

Jaw Length: 7/8" (22.2 mm), Overall Length: 8 1/4" (210 mm)



JIC-2288



High Leverage Diagonal Cutting Pliers, Angled Head, 8" - JIC-2488

Crafted with a 13° angled head for heavy-duty wire cutting in confined spaces. Use for the most demanding applications, precision machined cutting edges provide exceptionally smooth action.

Jaw Length: 13/16" (20.6 mm), Overall Length: 8" (203 mm)



JIC-2488



Telecom Diagonal Cutting Pliers, 6 1/4" - JIC-7858

Tapered nose diagonal cutting pliers with standard bevel knives with .030" and .045" skinning holes, with crusher used for multi-purpose wire work, with two V-shaped stripping notches.

Jaw Length: 7/8" (22.2 mm), Overall Length: 6 1/4" (158 mm)



JIC-7858



Diagonal Tapered Nose Cutting Pliers, 6 1/4" - JIC-600

Tapered nose diagonal cutting pliers with standard bevel knives. Includes crusher for multi-purpose wire work. The handles are 6 1/4" long. Made to exceed ASME/ANSI standards.

Jaw Length: 7/8" (22.2 mm), Overall Length: 6 1/4" (158 mm)



JIC-600



Diagonal Crushing Slitting Pliers - DIABVNOTCH

Used for cutting soft copper conductors. Has a "V" shaped notch between jaws, near the joint, for crushing the flameproof type of insulation on distributing frame wire. Also provides a "W" shaped notch on the pliers jaws for slitting textile insulation.

Jaw Length: 3/4" (19.1 mm), Overall Length: 5 1/8" (130 mm)



DIABVNOTCH



Diagonal General Use Pliers - DIAGB5

These are plain diagonal pliers for general use, including cutting soft copper conductors.

Jaw Length: 3/4" (19.1 mm), Overall Length: 5 1/8" (130 mm)



DIAGB5



Diagonal Stripping Pliers - DIAGB6

Tapered nose diagonal cutting pliers with standard bevel knives with one .045" hole, crusher used for multipurpose wire work, and two V shaped stripping notches.

Jaw Length: 7/8" (22.2 mm), Overall Length: 6 1/2" (158 mm)



DIAGB6



Flush Cut Pliers - JIC-2755

Made of high carbon steel, this lightweight flush cutter can be used on wire up to 18 AWG while minimizing fly-off. Cantilevered spring automatically opens the plier, and the head fits easily in confined work areas.

Jaw Length: 1/2" (12.7 mm), Overall Length: 5" (127 mm)



JIC-2755



Semi-Flush Cut Pliers - JIC-453

A close cutting pliers used to trim conductors from the 710 connector modules without leaving exposed conductors. Ideal for close trimming of gates and sprue on injection molded plastic parts. Jaw design aids in use in confined areas.

Jaw Length: 5/8" (15.9 mm), Overall Length: 4 1/2" (114 mm)



JIC-453



9" Curved Jaw Cable Cutter - JIC-63020

High leverage design for superior cutting ability. The curved jaws provide superior holding for a cleaner and more concentric cut. Tool is for cutting aluminum and soft copper and not for use on steel or ACSR type cables. The shear type jaws cuts up to 100-pair cables (24 AWG). Lock has a unique feature where lock is released by squeezing handles together.

Jaw Length: 1" (25.4 mm), Overall Length: 9" (228 mm)



JIC-63020



High Leverage Cable Cutter - JIC-63050

High leverage design for superior cutting ability. Designed with a shear-type jaw for cutting aluminum and soft copper. Not for use on steel or ACSR type cables. Cuts up to 100-pair cables (24 AWG).

Jaw Length: 1 3/8" (34.93 mm), Overall Length: 9 1/4" (234 mm)



JIC-63050



Lineman's Side Cut Pliers - JIC-683

Designed for heavy duty use in construction and maintenance work. These pliers are high leverage for cutting bolts, nails, and many gauges of wire including high-strength wire. Cutting edges cut clean and remain sharp. The cushioned-grip, comfortable handles are approximately .007".

Cutter Length: 13/16" (20.64 mm), Overall Length: 9 1/2" (241 mm)



JIC-683



Lineman's Pliers w/ Fish Tape Puller & Crimper - JIC-685

Designed for heavy duty use in construction and maintenance work. These pliers are high leverage for cutting bolts, nails, and many gauges of wire including high-strength wire. Fish tape pulling feature easily pulls 1/8" or 1/4" steel fish tape without damaging the tape. Built in crimper feature works best on non-insulated connectors, lugs and terminals. Cushioned grip, comfortable handles are coated to approximately .007".



JIC-685



Connector-Crimper Pliers - JIC-891

Connector-Crimping Pliers with Side Cutters designed to press UG, UR, UY, 709 series connectors, crimping "B" type connectors, and AMP tel splice connectors. A special stop behind cut out prevents damage to connectors. Utilized on combinations of plastic and pulp insulated 19, 22, 24 and 26 gauge copper conductors as well as 20 gauge plastic insulated copper steel wire.



JIC-891

Jaw Length: 1" (25.4 mm), Overall Length: 5 3/16" (131 mm)



Long Nose Switchboard Pliers - JIC-203

Pliers are for general use looping, bending and cutting. Grips small wires and parts and reaches into tight spaces. Jaws are knurled, serrated and have side cutting blades. Two stripping holes for 19 and 22 AWG wire. Cushion gripped handles.



JIC-203

Overall Length: 6 7/8" (174 mm)



Telecom Long Nose Pliers - JIC-21257

This Long nose pliers has side cutting blades, a crushing slot, one .030" stripping hole, and a thin knurled nose to facilitate handling of the wire at the central office terminals. The comfortable handles are cushion gripped.



JIC-21257

Jaw Length: 1 7/8" (47.63 mm), Overall Length: 6 7/8" (174 mm)



Combo Crimper, Long Nose Pliers - JIC-22148

Five tools in one. Combines the functionality of a long nose plier with a crimper, stripper, cutter, and crusher. Crimper works for UR/UY/UG, AMP tel splice connectors, 709 series connectors, and crimping "B" type connectors. Stripping hole is .030".



JIC-22148

Jaw Length: 1 7/8" (47.63 mm), Overall Length: 6 7/8" (174 mm)



Curved Long Nose Pliers - JIC-3026

Nose is bent 70° for maximum visibility. Used in confined areas. Design includes knurled jaws for sure wrapping and looping. Comfortable ergonomic plastic handles.



JIC-3026

Jaw Length: 2" (50.80 mm), Overall Length: 6 7/8" (174 mm)



Long Nose and Side Cutting Pliers - JIC-842

Pliers are for general use looping, bending and cutting. Grips small wires and parts and reaches into tight spaces. Jaws are knurled, serrated and have side cutting blades. Cushion gripped handle.

Jaw Length: 1 7/8" (47.63 mm), Overall Length: 6 3/4" (171 mm)



JIC-842



Long Nose General Use Pliers - BLONGNOSE

Chain nose pliers for general use. Inner surface of the jaws are knurled near the end to facilitate gripping wire, binding post nuts etc. Cushion gripped handle.

Jaw Length: 2" (50.8 mm), Overall Length: 6 7/8" (174 mm)



BLONGNOSE



Long Nose Gripping Pressing Pliers - ELONGNOSE

Long nose pliers for gripping and pressing. Inner surface of the jaws are knurled near the end to facilitate gripping wire, binding post nuts etc. Aluminum oxide insulation coating on the outside nose surface. The inside gripping jaws are provided with mated grooves near the joint for use in pressing .032/.035" brass sleeves. One stripping hole .054" diameter.

Jaw Length: 1 7/8" (47.63 mm), Overall Length: 6 7/8" (174 mm)



ELONGNOSE



Short Nose B Type Plier - BSHORTNOSE

Intended for use in skinning 22-24 AWG wire and crushing insulation in nose slot. The front portion of the jaws is narrowed, and a portion of the inner face of one jaw is relieved to skin insulation from wire. The inner surface of the jaws are serrated to facilitate gripping wire.

Jaw Length: 1 1/2" (38.10 mm), Overall Length: 6 1/2" (165 mm)



BSHORTNOSE



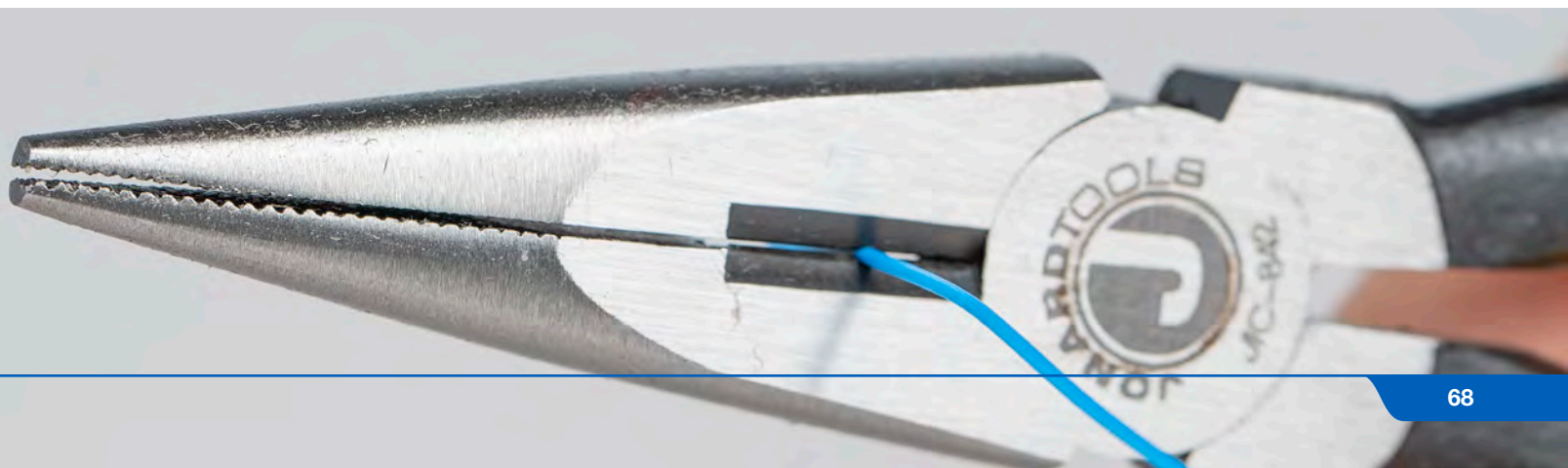
L3 Type Cut Crush Strip Pliers - KS21257L3

Long nose with side cutter, crushing slot, one 0.03" stripping hole and a thin knurled nose to facilitate handling wire at the terminals.

Jaw Length: 1 1/2" (38.1 mm), Overall Length: 6 1/2" (165 mm)



KS21257L3





Slip Joint Side Cut Pliers - BCOMB

For heavy-duty use. Black phosphate finish, machined gripping teeth and 3/8" hardened wire cutter. Cushion gripped handle.

Number of Positions: 2, Overall Length: 7 5/8" (194 mm)



BCOMB



Curved Needle Nose Pliers - JIC-3385

Nose is bent 60° for maximum visibility. Used in confined areas for bending and forming fine wire. Inside jaws and jaw edges are polished to prevent nicking the wire. Plier has a spring loaded ergonomic design with cushion gripped handle..

Bend Angle: 60°, Overall Length: 5 1/2" (139 mm)



JIC-3385



Flat Nose Pliers - FNP-165

Flat nose stripping pliers feature an induction-hardened straight steel jaw for long reach and durability. The 2 piece thermoplastic grip provides maximum comfort and torque for gripping semi-con, and finesse for delicate electronics work with maximum control.



FNP-165



Flush Cutting Pliers for Large Cable Ties, 6.5" - CTG-500

Designed to flush cut plastic objects, this flush cut plier is perfect for cutting large cable ties (up to 0.50" wide), Delta straps, Deltec cable support systems, flashing, or other plastic parts.

- Induction-hardened cutting edge to provide a clean cut every time



CTG-500



Single-Ear Hose Clamp Pliers, Straight Jaw - ECP-100

Designed to crimp single-ear clamps, these ear crimp pliers are perfect for crimping single-ear clamps, as well as clamps on CV boots, cooler and fuel lines, air pressure systems, and compressors. These pliers also feature the following:

- Prevents damage to press points on ear clamps
- Slim head allows access in tight spaces



ECP-100



Tabbing Shears - TS-850

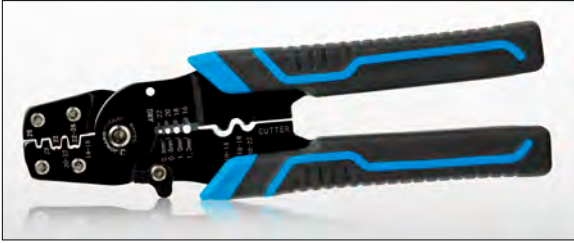
Jonard's Tabbing Shears are made of chrome vanadium steel and are heat treated for maximum strength and durability. These tabbing shears feature the following:

- Precision ground cutting blades for easier cutting

Overall Length: 8 1/2" (216 mm)



TS-850



Electric Lug and Terminal Crimper - TCC-1416

Designed to prep electrical cables, this Electrical Lug and Terminal Crimper is perfect for cutting and stripping wires, and crimping insulated and non-insulated lugs and terminals. This crimper features the following:

- Strips 16-22 AWG (0.6 to 1.3 mm) electrical wires
- Ergonomic spring-loaded comfort grip handles reduce hand fatigue



TCC-1416



Ratcheting Cable Cutters - RC-500 & RC-600

These Ratcheting Cable Cutters are designed to cleanly cut copper and aluminum power cables and other similarly sized multi-conductor cables.

- Made of heat-treated carbon steel with induction-hardened cutting edges for maximum strength and durability
- Unique design allows you to hold and cut cables quickly and easily
- Spring-loaded mechanism on handles for automatic opening
- Ergonomically designed handle with cushioned rubber grip for greater comfort and leverage
- This cable cutter is not designed for use on ACSR or other steel cables



RC-500



RC-600



Ratcheting Cable Cutter - RC-336ACSR

Designed for heavy-duty use, this cable cutter is designed to cut 336 MCM (170 mm²) ACSR, 400 MCM (202 mm²) copper, or 600 MCM (304 mm²) aluminum cables, and most cables up to 30 mm in diameter.

Maximum Cut Capacity: 1 3/4" (4.4 cm), Overall Length: 12" (30.5 cm)



RC-336ACSR



Wire Rope and Cable Cutter - WRC-14

The Jonard Tools **WRC-14** Wire Rope & Cable Cutter is ideal for cutting soft and hard wire rope, spring wire, and copper/aluminum cable.

Material	Max. Wire Rope Size
Soft Wire Rope	1/4" (6 mm)
Hard Wire Rope	3/16" (5 mm)
Spring Wire	3/32" (2.4 mm)
Copper/Aluminum Cable	3/16" (5 mm)



WRC-14



Pump Pliers

Manufactured with a secure tongue and groove design for a non-slip grip (even under heavy pressure). Made from high quality tool steel, with a smooth positive interlock between halves.

SPECS	JIC-5026	JIC-50210	JIC-50212
DESCRIPTION	Pump Pliers 6", 4 Positions	Pump Plier 10", 6 Positions	Pump Plier 12", 7 Positions
MAX JAW OPENING	1" (25.4 mm)	1 3/4" (44.5 mm)	2 1/4" (57.2 mm)
LENGTH	6" (152 mm)	10" (254 mm)	12" (305 mm)
QR CODE			



Adjustable Wrenches with Extra Wide Jaws

Jonard's Adjustable Wrenches are made from high carbon steel and are heat treated for maximum strength and durability.

SPECS	AW-4	AW-6	AW-8	AW-10	AW-12	AW-15	AW-18
DESCRIPTION	Adjustable Wrench 4" with Extra Wide Jaws	Adjustable Wrench 6" with Extra Wide Jaws	Adjustable Wrench 8" with Extra Wide Jaws	Adjustable Wrench 10" with Extra Wide Jaws	Adjustable Wrench 12" with Extra Wide Jaws	Adjustable Wrench 15" with Extra Wide Jaws	Adjustable Wrench 18" with Extra Wide Jaws
QR CODE							



High Leverage Ratcheting Lineman's Wrench - RLW-100



RLW-100

Designed with a ratcheting square socket and built-in hammer, this Bell System Type wrench is perfect for telecom and datacom work applications. This lineman's wrench also features the following:

- Ratcheting square socket works with 3/4", 1", and 1 1/8" square hardware
- Built-in hammer head provides a dedicated flat surface for hammering



High Leverage Ratcheting Lineman's Wrench - RLW-600



RLW-600

Designed with a ratcheting square socket and twelve point sockets on the other end, this Bell System Type wrench is perfect for telecom and datacom work applications. This wrench also features the following:

- Ratcheting square socket works with 3/4", 13/16", 1", and 1 1/8" square hardware



Fuse Puller - FP-600



FP-600

Designed for installing and extracting fuses from line amplifiers and other cylindrical shaped components including heat coils. The thin nosed jaws allow for easy access to tight restricted areas. Works great on automotive mini fuses that are packed tight. Handle is cushion gripped.

Jaw Length: 1 13/16" (46 mm), Overall Length: 5" (127 mm)








The Jonard Slotted, Phillips and Robertson Screwdrivers are made of special alloy steel for exceptional strength, long life and are corrosion resistant. Soft rubber handles offer comfort and greater torque. The end of the handles are marked to identify the tool's size, and the tips are magnetic. Meets and exceeds applicable ASME/ANSI specifications.

SCREWDRIVERS



Slotted Screwdrivers





Jonard's Keystone Slotted Screwdrivers are made with an S2 steel shank and a chrome finish for exceptional strength and long life.

SPECS	SDC-3163	SDC-3166	SDC-144	SDC-3810	SDC-5166
SHAFT	3/16" x 3"	3/16" x 6"	1/4" x 4"	3/8" x 10"	5/16" X 6"
OVERALL LENGTH	6 3/4" (171 mm)	9 3/4" (248 mm)	8 11/32" (212 mm)	14 3/8" (365 mm)	10 3/8" (264 mm)
QR CODE					



Phillips Screwdrivers

Jonard's Phillips Screwdrivers are made with an S2 steel shank with a chrome finish for exceptional strength and long life.

SPECS	SDP-1	SDP-2	SDP-3	SDP-28
SHAFT	#1 x 3"	#2 x 4"	#3 x 6"	#2 x 8"
OVERALL LENGTH	6 3/4" (171 mm)	8 5/16" (211 mm)	11" (279 mm)	12" (305 mm)
QR CODE				



Robertson Screwdrivers

Jonard's Robertson Screwdrivers are made with an S2 steel shank with a chrome finish for exceptional strength and long life.

SPECS	SDR-24	SDR-34
SHAFT	#2 x 4"	#3 x 4"
OVERALL LENGTH	8 1/2" (216 mm)	8 1/2" (216 mm)
QR CODE		



4-in-1 Mini All-Purpose Screwdriver (Pack of 10) - S-41/10

This is a mini multi-bit screwdriver made for everyday use and includes four head types (#0 & #00 Phillips head and 1/8" & 1/16" Cabinet slotted head).



S-41/10



4-in-1 Multi-bit Pocket Precision Screwdriver - SD-41

Designed with four standard non-magnetic tips, this 4-in-1 precision screwdriver is perfect for use on electronics and other small equipment.



SD-41



Precision Screwdriver Phillips #00 x 60mm (Pack of 10) - SD-00/10

This Precision Screwdriver has a #00 Phillips tip and a 3 mm diameter by 60 mm long shaft. Shaft is made from SU11 steel. The handle is made from polypropylene and thermoplastic rubber for added comfort with a swivel at the end for ease of use. Overall tool length is 6" (152 mm). Tips are magnetic.



SD-00/10

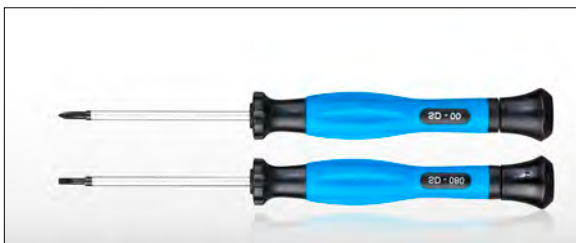


Precision Screwdriver Slotted 2mm x 60mm (Pack of 10) - SD-080/10

This Precision Screwdriver has a slotted tip 2 mm wide and a 3 mm diameter by 60 mm long shaft. Shaft is made from SU11 steel. The handle is made from polypropylene and thermoplastic rubber for added comfort with a swivel at the end for ease of use. Overall tool length is 6" (152 mm). Tips are magnetic.



SD-080/10



Phillips #00 & Cabinet-Tip Slotted Precision Screwdriver Set - SDKP-2

Includes:

- **SD-00** Phillips Precision Screwdriver, #00 x 60 mm
- **SD-080** Cabinet Slotted Precision Screwdriver, 2 mm x 60 mm



SDKP-2



8 Piece Screwdriver Set - SDK-8

Made of special alloy steel for exceptional strength and long life. The shafts are corrosion resistant and the soft rubber handles offer user comfort with greater torque. The tips are magnetic and the size and style are marked on the end of each handle.



SDK-8

Kit includes:

- **SDP-1** Screwdriver Phillips #1 x 3"
- **SDP-2** Screwdriver Phillips #2 x 4"
- **SDP-3** Screwdriver Phillips #3 x 6"
- **SDSP-2** Screwdriver Phillips #2 Stubby
- **SDSC-14** Screwdriver Slotted 1/4" Stubby
- **SDC-144** Screwdriver Slotted 1/4" x 4"
- **SDC-3163** Screwdriver Slotted 3/16" x 3"
- **SDC-5166** Screwdriver Slotted 5/16" x 6"



Phillips Screwdriver, #3 x 24" - SD-243

Designed to reach diodes in the back of rectifiers, this 24" extra long #3 Phillips Screwdriver is made with a chrome vanadium steel shank and a matte finish for exceptional strength and long life.

Overall Length: 27" (685 mm)



SD-243



6-in-1 Multi-Bit Screwdriver w/ Phillips & Slotted Bits - SD-61

The Jonard Tools 6-in-1 Multi-Bit Screwdriver eliminates the need for multiple tools in your belt. This tool can be configured to 6 types of driving heads.

Kit includes: SD-RB1 Phillips Bit #1 Slot 3/16", SD-RB2 Phillips Bit #2 Slot 9/32"; SD-RB12 Replacement Bit Set includes: SD-RB1 & SD-RB2



SD-61



Cabinet Slotted Screwdriver, Fiber ONT (Pack of 10) - SD-63/10

Designed for terminating battery backup wires in Optical Network Terminals (ONT), this screwdriver is the perfect tool for terminating battery backup sensor wires as well as many other applications.

Overall Length: 4" (101 mm)



SD-63



2 Piece Stubby Screwdriver Set - SDS-142

Jonard's Stubby Cushion Gripped Screwdrivers are made with an S2 steel shank with a chrome finish for exceptional strength and long life.

Overall Length: 3 1/2" (89 mm) each

Kit includes: SDSP-2 Phillips Screwdriver, #2 X 1.5" & SDSC-14 Cabinet Slotted Stubby Screwdriver, 1/4" x 1.5"



SDS-142



6-in-1 Robertson Screwdriver - SD-1223

The Jonard Tools 6-in-1 Multi-Bit Robertson Screwdriver eliminates the need for multiple tools in your belt. This tool can be configured to 6 types of driving heads.

Overall Length: 7 1/2" (190 mm)

Kit includes: SD-RB1 Phillips Bit #1 Slot 3/16", SD-RB3 Replacement Bit S1 & S2



SD-1223



Magnetizer & Demagnetizer Tool - MAG-100

Using powerful Rare-Earth magnets, this magnetizer is perfect for magnetizing or demagnetizing screwdrivers, tweezers, tool bits, nut drivers, or other metal tools. This magnetizer also features the following:

- Converts any metal tool into a magnetic retriever, great for picking up screws, nuts, and other small metal objects
- Wide openings allow a variety of tools and objects to be magnetized
- Compact and rugged design makes it perfect for any toolbag or toolcase











MAG-100



Hollow Shaft Nut Drivers

These are full length hollow shaft nut drivers intended for working with long bolts. They are designed with cushion gripped ergonomic color coded handles. Handles provide greater torque and user comfort. Overall length 7". ASME Standard/YR: B107.12-2004.

SPECIFICATIONS	ND-6301132	ND-63012	ND-63014	ND-630316	ND-63038	ND-630516	ND-630716	ND-630916
DRIVER SIZE	11/32" (8.7 mm)	1/2" (12.7 mm)	1/4" (6.4 mm)	3/16" (4.8 mm)	3/8" (9.5 mm)	5/16" (7.9 mm)	7/16" (11.1 mm)	9/16" (14.29 mm)
COLOR CODE	Green	Red	Red	Black	Blue	Yellow	Brown	Orange
QR CODE								



7 Piece Nut Driver Set - ND-631

Jonard's Nut Drivers have a full length hollow shaft, making them a great tool to use on stacked circuit boards and long bolts/studs.

- Ergonomically designed handle with thermoplastic rubberized grip for greater comfort and torque

Kit includes:

- **ND-63012** 1/2" Hollow Nut Driver, 3" Shaft
- **ND-63014** 1/4" Hollow Nut Driver, 3" Shaft
- **ND-63038** 3/8" Hollow Nut Driver, 3" Shaft
- **ND-630316** 3/16" Hollow Nut Driver, 3" Shaft
- **ND-630516** 5/16" Hollow Nut Driver, 3" Shaft
- **ND-630716** 7/16" Hollow Nut Driver, 3" Shaft
- **ND-6301132** 11/32" Hollow Nut Driver, 3" Shaft



LED Flashlight w/ Zoom Lens - FL-2000

Powered by a single AA alkaline battery, this high strength LED flashlight is perfect for illuminating dark places and features the following:

- Ultra-bright 120 lumen LED can be easily adjusted by simple in-and-out movement and the zoom lens can focus the light to hone in on a specific area, or zoom out to flood the area with light
- Rugged aluminum housing with clip-on lanyard keeps this flashlight secure





NEXT GEN LIGHTING



SOL-H1

230° OF ILLUMINATION IN A FLEXIBLE AND FOLDABLE HEADLAMP

- ▣ 5-in-1 Lighting functions
- ▣ Foldable to pocket size
- ▣ Motion sensor activated
- ▣ Rechargeable



SOL-F1

BATTLE THE DARK WITH A TACTICAL 1500 LUMENS FLASHLIGHT

- ▣ 7-in-1 Lighting functions
- ▣ Crosshaired telescoping zoom
- ▣ Power bank capability/USB-C
- ▣ Powerful base magnet
- ▣ Rechargeable



SOL-W1

UNRIVALED VERSATILE AND POWERFUL WORKLIGHT

- ▣ 7-in-1 Lighting functions
- ▣ 360° articulating carabiner clip with magnets
- ▣ Power bank capability/USB-C
- ▣ Rechargeable



SOL-H2

TRI-BEAM INTENSITY ADJUSTABLE HEADLAMP

- ▣ 3 light settings
- ▣ Motion sensor activated
- ▣ Adjustable body
- ▣ Sweat proof headband



Smart Phone & Tablet Repair Tool Kit - TK-19



TK-19

This product is a repair tool kit for opening and repairing all series of smartphones and tablets. This kit contains all the tools you need to take apart these highly specialized electronic devices and also repair or replace broken screens. It's perfect for DIY repair jobs as well as the repair technician. This kit is also suitable for other repair work where fine-tipped screwdrivers are required such as eyeglass repair.

Kit includes:

- Ergonomic Screwdriver Handle
- (13) 4 mm bits: PH00, PH0, PH1; SL1.5, SL2.0; Torx: T4, T6, T8, T10; Hex 1.5, Hex 2.0; Pentalobe 0.8 & 1.2
- 2 Plastic Prying Tools
- Guitar Pick
- Opening Tool
- Suction Vacuum Opener
- SIM Eject Tool
- Tweezer
- Storage Case

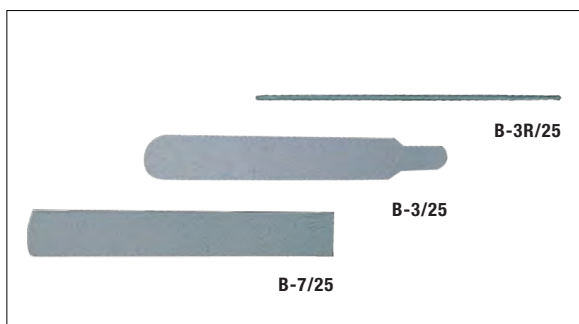
Burnishers

Designed for use on relay contacts, this pocket burnisher is the perfect tool for removing the oxide layer from the precious metals of relay contacts. These burnishers feature the following:

- Blade length and rigidity is adjustable by varying the depth of the blade in the chuck
- Plastic housing allows it to be used on live contacts without any shocks or shorts
- Removes the oxide layer or corrosion off contacts without leaving filings or debris



Pocket Burnisher **PB-7** Shown



Pocket Type Burnishers

Adjustment of flexible blade-length and rigidity is possible by varying depth in chuck. Supplied with replaceable blades stored in pen barrel at other end.



POCKET TYPE BURNISHERS

JONARD P/N	PB-3	PB3-R	PB-7
DESCRIPTION	Pen w/ 6 Blades .0035" Thick	PB-3 plus 6 Abrasive Rods .020"	Pen w/ 6 Blades .007" Thick
REPLACEMENT BLADES/RODS	B-3/25 (Pack of 25)	B-3R/25 (Pack of 25)	B-7/25 (Pack of 25)



Contact Burnishers

Plastic insulated handles for working on live contacts. Available in four styles for fine, extra sensitive, general purpose and industrial use.

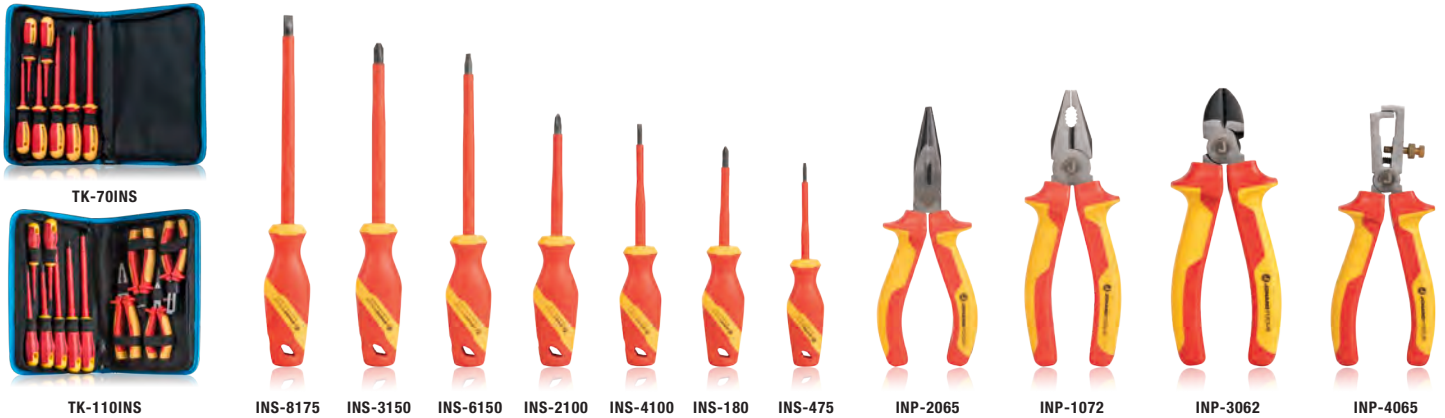


CONTACT BURNISHERS

JONARD P/N	DESCRIPTION
OB-1/3	Relay Contact Burnisher Files, Fine (Pack of 3)
OB-1/12	Relay Contact Burnisher Files, Fine (Pack of 12)
OB-2/12	Relay Contact Burnisher Files, Extra Sensitive (Pack of 12)
OB-3/12	Relay Contact Burnisher Files, General Purpose (Pack of 12)
OB-4/12	Relay Contact Burnisher Files, Industrial (Pack of 12)

Insulated Tool Kits

Perfect for Tech Professionals and Electricians, these pliers and screwdrivers are tested to 10,000 VAC and rate to 1,000 VAC live use. They are VDE approved, made from 60 CRV (chrome vanadium steel) for strength and durability and insulated to IEC 60900 Standards. Lifetime mechanical warranty and one year insulation warranty.



TK-70INS 7 Piece Insulated Screwdriver Set

Kit includes:

- **INS-180** #1 x 3" Phillips Screwdriver
- **INS-2100** #2 x 4" Phillips Screwdriver
- **INS-3150** #3 x 6" Phillips Screwdriver
- **INS-4100** 5/32" x 4" Slotted Screwdriver
- **INS-475** 1/8" x 3" Slotted Screwdriver
- **INS-6150** 1/4" x 6" Slotted Screwdriver
- **INS-8175** 5/16" x 7" Slotted Screwdriver
- **TKC-70** Rugged 7 Pocket Tool Case



TK-110INS 11 Piece Insulated Tool Set

Kit includes:

- (All tools included in **TK-70INS** with these additions):
- **INP-1072** Lineman's Combo Plier 7 1/4"
 - **INP-2065** Long Nose Plier 6 1/2"
 - **INP-3062** Diagonal Plier 6 1/4"
 - **INP-4065** Wire Stripper 6 1/2"
 - **TKC-110** Rugged 11 Pocket Tool Case



Insulated Screwdrivers

Jonard's Insulated Screwdrivers are made of heat treated chrome vanadium steel with a black oxide finish for maximum strength and durability. They are insulated to keep you safe from potentially hazardous voltages. These screwdrivers feature the following:

- Meets and exceeds IEC 60900, ASTM F1505-01, and VDE standards for high voltage protection
- Tested to 10,000 VAC and rated to 1,000 VAC live use
- Ergonomic dual-colored TPE cushion grip handle provides greater comfort and torque
- Narrow insulated shaft provides access in hard-to-reach locations
- Black oxide finished magnetic tip to prevent corrosion and magnetized to hold fasteners for easy removal and installation



SPECS	INS-180	INS-2100	INS-3150	INS-4100	INS-475	INS-6150	INS-8175
DESCRIPTION	Phillips Insulated Screwdriver, #1 x 3"	Phillips Insulated Screwdriver, #2 x 4"	Phillips Insulated Screwdriver, #3 x 6"	Cabinet Slotted Insulated Screwdriver, 5/32" x 4"	Cabinet Slotted Insulated Screwdriver, 1/8" x 3"	Cabinet Slotted Insulated Screwdriver, 1/4" x 6"	Cabinet Slotted Insulated Screwdriver, 5/16" x 7"
HEAD TYPE	Phillips	Phillips	Phillips	Cabinet Slotted	Cabinet Slotted	Cabinet Slotted	Cabinet Slotted
SHANK LENGTH	3" (76.2 mm)	4" (101.6 mm)	6" (152.4 mm)	4" (101.6 mm)	3" (76.2 mm)	6" (152.4 mm)	7" (177.8 mm)
QR CODE							



Insulated 19 Piece Metric Socket Set - INSS-19M

The **INSS-19M** Insulated Socket set features 15 sockets (6-20 mm), 3 extensions, and a 72-tooth ratchet designed to meet the needs of any application. Rigorously tested for protection up to 1000V with dual color insulation for confident protection.



INSS-19M

- Sockets and extensions are manufactured from chrome vanadium and then coated twice to ensure long-life
- Deluxe, laminated foam, and blow molded polyethylene storage case ensures VDE tools stay, organized and protected
- High Contrast Marking for easy identification
- Dual Color injection molded insulation provides easy identification when insulation is compromised

Kit includes:

72-tooth 3/8" Drive Ratchet w/ Quick Release
 15 Sockets (6-20 mm)
 3 Extensions 3", 6" and 10"



Insulated Fuse Puller - FP-600INS

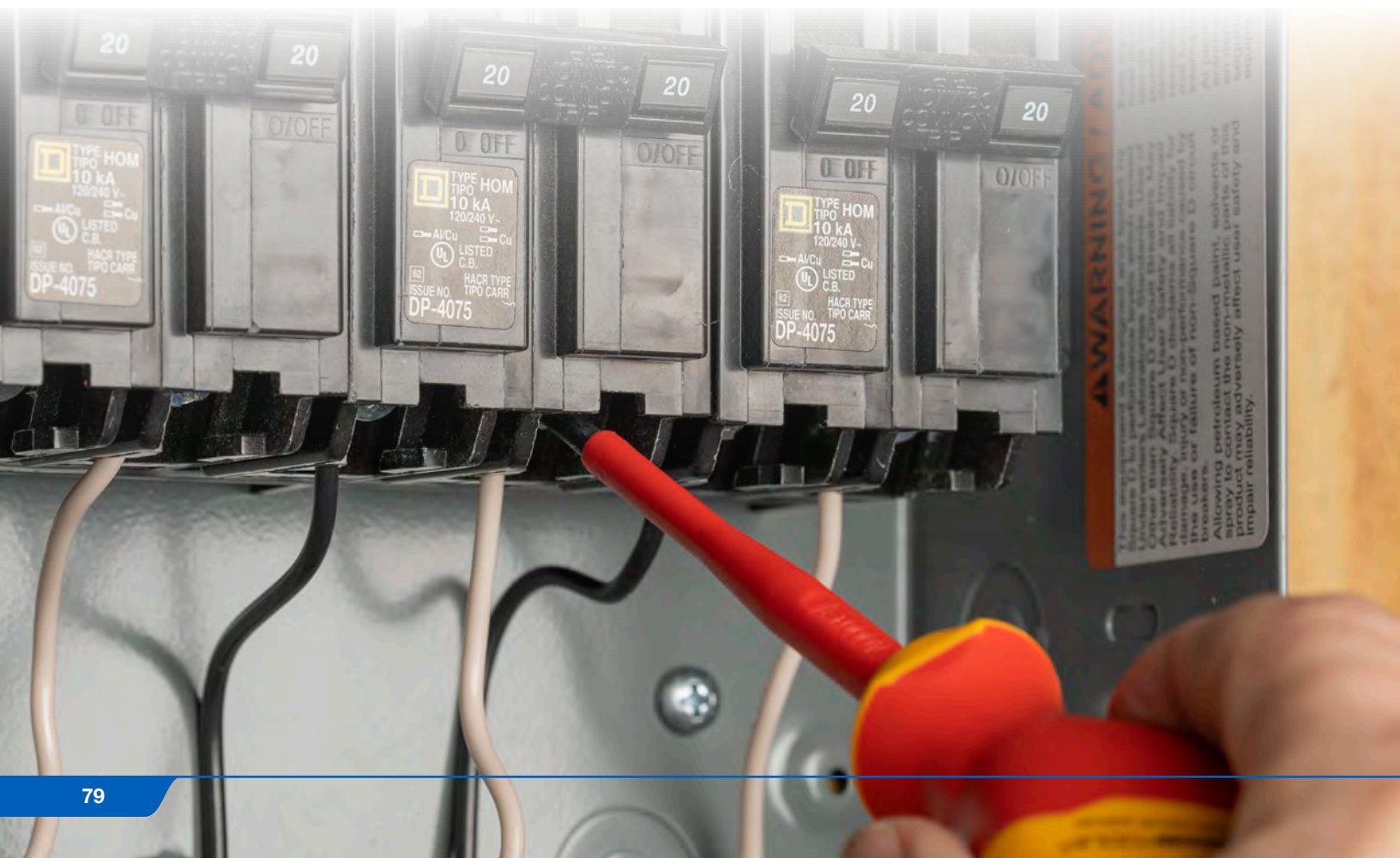
Jonard's Fuse Pullers are made of heat treated chrome vanadium steel for maximum strength and durability and feature the following:



FP-600INS

- Knurled jaws allow fuses to be removed without being damaged
- Fully insulated grips are VDE approved to IEC 60900 standards up to 1000V

Overall Length: 6 3/4" (171 mm)



ELECTRICAL



1000A Digital Clamp Meter - ACM-1000

Clamp Meter with automatically ranging true mean squared (TRMS) technology for increased accuracy. This product features the following:

- Test leads measure AC/DC voltage, resistance, continuity, frequency and capacitance and tests diodes
- CAT IV 600V, CAT III 1000V, Class 2, Double insulation safety rating
- 45MM clamp opening for a wide range of applications
- Unique design with grooved housing for superior grip
- Non-contact voltage tester integrated into the clamp



ACM-1000



Automatic Intelligent Digital Multimeter - AMM-600

Intelligent, auto-function volt meter is capable of gauging both the required range and the required function based on the test lead input, providing the simplest experience and the most accurate results. Simply plug in the leads and connect to your test subject and let the **AMM-600** take the guess work out of testing.

- Tests AC and DC voltage, AC and DC current, resistance, capacitance, frequency, diode, duty cycle, continuity, automatic current input detection, live testing, non-contact voltage detection (NCV)
- Provides maximum/minimum/average readings, relative measurements
- CAT IV 600V, Class 2, Double insulation safety rating
- Backlit display for low light, and highlight environments
- Unique design with grooved housing for superior grip
- Includes hard carrying case



AMM-600



GFCI Outlet Tester - GFC-1

The GFCI Tester detects the most common wiring problems in standard and GFCI receptacles

- Works on GFCI outlets and confirms operation of the ground fault protective device
- Durable, hard shell built to withstand a 6.6-foot (2m) drop
- Nominal Voltage: 110/125V AC at 50/60Hz in 3-wire outlet
- Easy to read lights make determining faults a breeze
- Built in GFCI trip tests outlet protection



GFC-1



BAGS & POUCHES



Technician's Tool Bag Backpack - BP-100

Jonard Tools' Technician's Tool Bag Backpack features 36 organizer pockets and 12 pocket straps to hold all your tools in place with a durable water resistant base to protect it from the elements. It also has a hard, molded front pocket for delicate items, like safety glasses, and a front zipper to hold loose parts.

- Hard, molded front pouch protects safety glasses or other delicate items
- 20" high bag provides ample room for long screwdrivers and tools



BP-100



Rugged 21 Pocket Tool Case - H-90

The **H-90** is a rugged and versatile 21 pocket tool case with a removable top, made from special heavy duty material for greater durability and long life.

- Reinforced with a tough, thick backing material to maintain its shape - even when loaded with tools
- Sturdy metal handle with a cushion grip and ergonomic design for easy carrying. Handle also rotates for easy access to tools inside



H-90



Professional Rolling Tool Bag, 18 Pockets, 16" - RTB-18

Jonard Tools' Professional Rolling Tool Bag is the ultimate tradesman tool bag. It is made from a durable 1680d ballistic material, features large treaded wheels to handle rough terrain, and has 18 organizer pockets to hold all your tools.

- Made from an ultra strong 1680d ballistic material to resist scratches
- Brilliant blue interior makes it quick and easy to find your tools



RTB-18



SPECS	H-20	H-22	H-36	H-50	H-60
DESCRIPTION	Rugged Nylon Carry Case	Rugged Carrying Case with Straps	Molded 2 Tool Pouch	Molded 5 Tool Pouch	Molded 2 Tool Pouch
SECURING METHOD	Carabiner Loop	Carrying Handles	Metal Belt Clip	Belt Loop	Metal Belt Clip
QR CODE					

SPECS	H-75	H-85	H-125	H-1000
DESCRIPTION	Molded 7 Tool Pouch	Molded 8 Tool Pouch	25 Pocket Tool Roll Up Pouch	Rugged Nylon 5 Pocket Tool Pouch
SECURING METHOD	Metal Belt Clip	Metal Belt Clip	Carrying Handle	Belt Loop
QR CODE				



NETWORK & TELECOM TOOLS

Telecom is the transfer of data through electromagnetic signals while networking is connecting devices to one main system. In both methods of communication cabling tools are critical to ensure devices transmit signals properly and bring us television, telephone, radio, internet, and more.

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Pass-Through Connectors

These high quality connectors are used to terminate network cables with a pass-through crimper. They use gold plating on contact surfaces and tripoint prongs for greater signal strength.

SPECS	RJ45-R510	RJ45-525	RJ45-550	RJ45-5100	RJ45-625	RJ45-650	RJ45-6100
QUANTITY	10	25	50	100	25	50	100
NETWORK CABLE TYPE	CAT5, CAT5E Cables	CAT5, CAT5E Cables	CAT5, CAT5E Cables	CAT5, CAT5E Cables	CAT6, CAT6A Cables	CAT6, CAT6A Cables	CAT6, CAT6A Cables
QR CODE							



RJ11 Pass-through Connectors (Pack of 100) - RJ11-100



RJ11-100

The Jonard Tools **RJ11** Pass-Through Connectors are used by network installers/technicians in order to terminate telephone cables with a pass-through crimper. They are used in households and businesses and are ideal for terminating flat or round telephone cable or even replacing an existing connector (CAT3 or other similar). These connectors feature the following:

- 50 μ m gold plating on contact surfaces provides greater signal quality than the competition
- Standard two point prongs allow you to use stranded or solid CAT3 cables
- Simplify twisted pair network cable termination by allowing the wires to pass through the connector



6-in-1 Crimping Tool, RJ45 Pass-through & RJ11/12 Modular - UC-4569



UC-4569

Designed to crimp RJ11/12 and RJ45 connectors onto CAT3, CAT5/5E, and CAT6 cables, this pass-through connector crimper is perfect for any network installer. This crimper features the following:

- Easily crimps pass-through RJ45 connectors without any measuring needed
- Crimps 4, 6, and 8 position modular connectors (RJ11/12 and RJ45)
- Cleanly trims the wires flush to the end face of pass-through RJ45 connectors
- Intended for use with 28-22 AWG flat/round, solid/stranded telephone and data cables
- Ratcheted, ultra-stable platform for consistent terminations with low hand force

Replacement Blade Set (Pack of 6): **UC-4569RB**



Modular 6-in-1 Crimping Tool - UC-864



UC-864

Designed for cutting, stripping, and crimping RJ11, RJ12, RJ22, and RJ45 connectors onto CAT3, 5E, and CAT6 cables, this connector crimper is perfect for any network installer. This crimper features the following:

- Ratcheted, ultra-stable platform for consistent terminations with low hand force
- Tool includes built-in jacket strippers for round and flat cables 22-28 AWG (0.32-0.64 mm diameter)
- 2 crimping slots: one for 8 position modular connectors and one for 6 and 4 position modular connectors

Cable Parameters: 22-28 AWG (0.32 mm-0.64 mm diameter) flat or round, solid or stranded, telephone or data



RJ45 & RJ11/12 Modular Pass-through Crimper w/ Tail Crimping Slots - UC-4511

Designed to crimp RJ11/12 and RJ45 pass-through connectors with additional crimping slots for shielded connector tails, this crimping tool is perfect for any network technician working with CAT3, CAT5, CAT5E, CAT6, or CAT6A cables.



UC-4511



Solderless Ring and Lug Terminal Kit, 178 Pcs. - TCK-178

The Jonard Tools Terminal Ring and Lug Kit is perfect for any technician or DIYer who needs to terminate electrical wires. These connectors feature the following:



TCK-178

- Includes a variety of insulated ring, fork, and spade terminals as well as butt splices for 10 - 22 AWG electrical wires



Solderless Ring/Lug Terminal Kit w/ Crimper - TCK-178X

The Jonard Tools Solderless Ring/Lug Terminal Kit with Crimper is perfect for any technician or DIYer who needs to terminate electrical wires. This kit features the following:



TCK-178X

- Includes a variety of insulated ring, fork, and spade terminals as well as butt splices for 10 - 22 AWG electrical wires.

Kit includes:

- **TCC-1416** Electric Lug and Terminal Crimper
- **TCK-178** Solderless Ring and Lug Terminal Kit, 178 Pcs.



Connector-Crimper Pliers - JIC-891

Jonard's pliers are made of heat treated carbon steel with induction-hardened cutting edges for maximum strength and durability.



JIC-891

- Designed to press UR/UU/UG, 709 series connectors, crimping "B" type connectors, and AMP Tel-Splice connectors



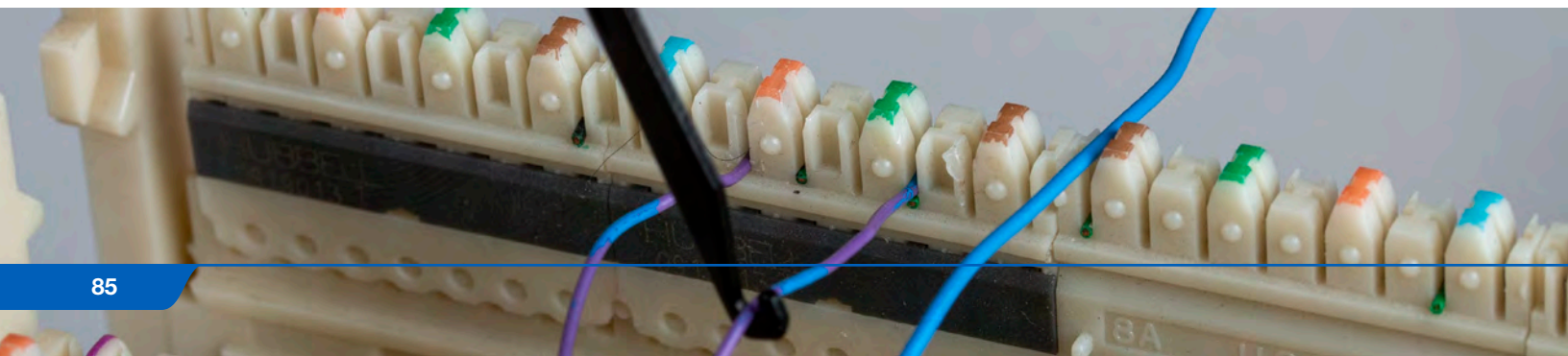
Combo Crimper, Long Nose Pliers - JIC-22148

Jonard's long nose pliers are made of heat treated chrome vanadium steel with induction-hardened cutting edges for maximum strength and durability.



JIC-22148

- 5-in-1 tool: crimper for UR/UU/UG, AMP Tel-Splice connectors, 709 series connectors, crimping "B" type connectors, and long nose pliers





Telephone Splice Connector Kit - TK-U3

Designed for stripping, splicing, and crimping telephone connectors, the **TK-U3** Telephone Splice Connector Kit is the ideal compact tool kit for telephone installers and technicians.



TK-U3

Kit includes:

- **JIC-22148** Combo Crimper, Long Nose Pliers
- **UR-25** UR 3-Port Telephone Splice Connector (Pack of 25)
- **UY2-25** UY2 2-Port Telephone Splice Connector (Pack of 25)



UR 3-Port Telephone Splice Connector (Pack of 25) - UR-25

Designed to splice three wires together quickly and easily, these splice connectors are perfect for splicing 19-26 AWG (0.91 - 0.40 mm) telephone wires.



UR-25



UY2 2-Port Telephone Splice Connector (Pack of 25) - UY2-25

Designed to splice two wires together quickly and easily, these splice connectors are perfect for splicing 22-26 AWG (0.64 - 0.40 mm) telephone wires.



UY2-25



Picabond Crimping Tool - PIC-G

This VS-3 style hand tool is designed to crimp various AMP Picabond connectors onto 19-28 AWG wires.



PIC-G

- Compatible with AMP Picabond Connectors with the following stripe colors: Orange, Green, Purple, Green/Amber, Purple/Amber, Red, and Yellow



Picabond Crimping Tool, MR-1 - PIC-MR1

This vise-style MR1 hand tool is designed to crimp various AMP Picabond connectors onto 19-28 AWG wires.



PIC-MR1

Repair Kit: **MR1-RK**

Includes (2) Replacement Guides, (2) Replacement Wire Supports, (4) Screws, and (1) 3/32" hex key



Picabond Connector, Green, (Box of 1000) - PAB-CG

Designed for splicing multi-conductor telephone cable, these connectors provide a lightweight and compact solution for splicing solid core wire.



PAB-CG

- Made from tin-plated bronze with bonded polymer insulation for superior splicing and connectivity
- Color coded green for wire size and weather resistance
- Can be used with any solid core wire, 28-19 AWG (0.32 to 0.9 mm), with pulp, paper or plastic insulation
- Can be used to make straight, butt, tap and bridge splices



EPD Series Punchdown Tools

Sleek ergonomic design for easy effective wire termination. Tested up to 100,000 cycles at high-impact setting. Use to properly set, seat and terminate wire. Simply position the wire, push tool, and listen for confirming click. Wire is properly seated.



EPD SERIES

- Hi/Low impact setting
- Combination Hook/Spudger stored in the chassis
- Color coded yellow on the CUT side
- Enlarged blade storage compartment
- **EPD-914** Punchdown Tool without blade (shown in picture)



EPDS Series Punchdown Tools w/ Grip

Designed for use with our EPB-series blades or other similar brands, this punchdown tool is perfect for any telecom or data communications installer. This punchdown tool features the following:



EPDS SERIES

- Hi/Low impact setting
- Combination Hook/Spudger stored in the chassis
- Color coded yellow on the CUT side
- Enlarged blade storage compartment
- **EPDS-914** Punchdown Tool without blade (shown in picture)

Punchdown Tool Kits

JONARD P/N	EPD-914	EPDS-914	EPB-66	EPB-110	EPB-116	EPB-630	EPB-KR	EPB-KRONE
EPD-91461	X		X	X				
EPD-91466	X		X					
EPD-914110	X			X				
EPD-914116	X				X			
EPD-914630	X					X		
EPD-914KR	X						X	
EPD-9KRONE	X							X
EPDS-91461			X	X				
EPDS-91466		X	X					
EPDS-914110		X		X				
EPDS-914116		X			X			
EPDS-914KR		X					X	
EPDS-9KRONE		X						X

Punchdown Tool Blades

JONARD P/N	DESCRIPTION
EPB-66	66 Blade with & without Cutter
EPB-110	110 Blade with & without Cutter
EPB-116	66 & 110 Blade Combined with Cutter
EPB-KR	Krone Blade with & without Cutter
EPB-630	Punchdown Blade For 630 Modular Jack with & without Cutter
EPB-KRONE	Krone Blade Scissor Style



EPB-66



EPB-110



EPB-116



EPB-KR



EPB-630



EPB-KRONE



BIX Punchdown Tool - EP-16A

Designed to terminate cables, pigtails, and jumper wires, this punchdown tool is perfect for use on all BIX, GigaBIX, and UMOXS cross-connect system connectors. This punchdown tool features the following:

- Single action and spring activated for ease of use
- Terminates 22-26 AWG plastic insulated solid copper conductor wires



EP-16A



Non-Impact Punchdown Tool - ENI-110

Designed as an economical option for inserting wire, this patented non-impact punchdown tool is perfect for small do-it-yourself jobs on a 110-terminal block. This non-impact punchdown tool features the following:

- Small and lightweight design for ergonomics and storage
- Singlehandedly switch between cutting and non-cutting blade



ENI-110



Multi-Pair Punchdown Tool for 4 Pair Wire Seating - MPD-4

Designed to terminate 4 pairs of wires simultaneously, this punchdown tool is perfect for terminating multiple wires on 110-terminal blocks quickly and easily.

Replacement Blade: **MDP-4RB**



MPD-4



Non Impact Punchdown Tool, 110 Blade w/ Cutter - PD-110

Designed as an economical option for seating and trimming wire in 110 type punchdown blocks, the **PD-110** is perfect for small do-it-yourself jobs on 110-terminal blocks.



PD-110



Punchdown Tool Kit for Data & Telecom - TK-17

Designed to prepare and connect wire onto 66-type and 110-type punchdown terminal blocks, this punchdown tool kit has the tools needed for maintaining telecommunications and data communications networks.

Kit includes:

- **CST-1i** Cyclops Wire Stripper, can use on UTP/STP Cable
- **EPD-91461** Punchdown Tool with 2 Blades (66 & 110)
- **ES-1964ERG** Ergonomic Electrician's Scissors
- **FL-2000** LED Flashlight with Zoom Lens
- **H-75** Molded 7 Pocket Pouch with Belt Clip
- **JIC-22035** Probe Pick
- **JIC-22148** Combo Crimper, Long Nose Pliers
- **SD-61** Screwdriver Multi-Bit 6-in-1 w/Phillips and Slotted Bits



TK-17



Termination & Removal Tool - EP-QTH38B

The **EP-QTH38B** tool is used for terminating, bridging, and removing wires from 2-beam or 3-beam, insulation-slicing, quick-clip terminals found on QCM486 (MPC) and 391Q connectors, and on Versa blocks with quick-clip pins.



EP-QTH38B



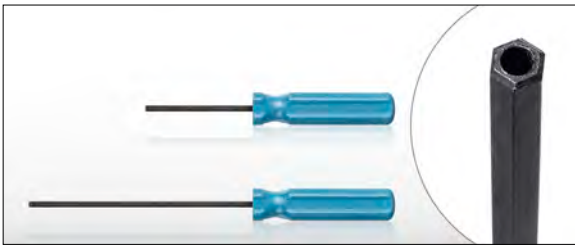
Quick Clip Insertion Tool - JIC-950C

Designed to cut and insert 22 and 24-gauge wire into terminal blocks, this multipurpose wire insertion tool is the perfect tool for performing several critical functions for wire insertion.



JIC-950C

Replacement Blade: **JIC-955**



Booth Wrenches

Designed for use on communication and pedestal boxes, this booth wrench is perfect for opening 5/32" hex tamper-proof fasteners. These wrenches are heat treated carbon steel for maximum durability.



BW-532-3

BW-532-3 Booth Wrench 3" Long Shaft

BW-532 Booth Wrench 6" Long Shaft



BW-532



Lineman's B Wrench - JIC-650

Designed with two open-ended wrench heads and an oval hole for turning pole steps, this Bell System Type wrench is perfect for telecom and datacom work applications and features the following:



JIC-650

- Large end of the wrench accommodates 5/8" and 3/4" bolts
- Small end of the wrench accommodates 3/8" bolts, 1/2" bolts, and 1/2" drive screw heads



Can Wrenches

These double ended can socket wrenches are designed to fit over long binding posts and open telephone box fasteners. They can tighten nuts on binding-post terminals and access tight spaces such as locking devices on terminals and cabinets. 7" long.



CAN WRENCHES

JONARD P/N	DESCRIPTION
M-216C/EX	Ergonomic Hex 7/8" Diameter Handle Hex Socket
M-216C/REX	Ergonomic Round 7/8" Diameter Handle Round Socket
M-216C/RX	Standard Round 11/16" Diameter Handle Round Socket
M-216CKIT	Security Key Kit 7/8" Diameter Handle Hex Socket
M-216CS22	Ergo, w/ Wire Stripper 7/8" Diameter Handle Hex Socket (Built-in 22-24 AWG Wire Stripper)
SK-51632	Security Key Insert for Hex Security Screws 5/16", 5/32"
SSK-600	Star Key Can Wrench Kit for LQ & LB Patterns



T Handle Security Wrenches

Designed for use on tamper-proof hex-type security screws or other hex-type screws, this security wrench is the perfect tool to use when dealing with 5/16" and 1/2" hex tamper-proof fasteners.

BW-512 T Handle Security Wrench 5/16"

BW-516 T Handle Security Wrench 1/2"



BW-512






BW-516



Electrician's Scissors

Designed for heavy duty use, these electrician's scissors are made of chrome vanadium steel and reinforced with a special hardening process for greater durability and cutting performance.

SPECS	ES-1964	ES-1964DS	ES-1964ERG
DESCRIPTION	Traditional Electrician's Scissors	Features a Free-Fall Fingertip Operation	Features an Ergonomic Handle
QR CODE			



Stainless Steel Communication Scissors - JIC-195

Designed for telecom and electrical applications, these heavy duty scissors are the perfect tool for cutting cables up to 1/4" diameter and for other objects as well.

- One blade is serrated for a tight and secure grip while cutting
- High carbon stainless steel blades for maximum strength and durability



JIC-195



Fiber Optic Kevlar® Cutting Shears - KCS-4

The Jonard Tools **KCS-4** Kevlar® Cutting Shears are designed to cut Kevlar®, cabling insulation, tape, cable ties, and other materials with ease.

- High carbon steel blades are heat-treated to HRC 46-48 for longer life and durability
- Serrated blade for gripping as well as sharp and durable cutting



KCS-4



Heavy Duty Scissors w/ Wire Stripper - JIC-183

Designed to cut copper, aluminum, leather, plastic, and other materials, these heavy duty scissors are the perfect tool for cutting cables up to 1/4" in diameter. These scissors feature the following:

- One blade is serrated for a tight and secure grip while cutting
- Wire stripper accommodates 12 AWG, 14 AWG and 18 AWG (2.0, 1.5 and 1.0 mm² cross sectional area) wire
- Dual component polypropylene (PP) and thermoplastic rubber (TPR) grip for greater comfort and ergonomics
- Includes a safety locking mechanism and adjustment screw for convenience
- Not for use on stainless steel or other hardened/heat treated metals



JIC-183



Ergonomic Cable Splicing Knife - KN-7

Designed with an extremely sharp cutlery steel blade, this cable splicing knife is perfect for cutting through some of the strongest types of cables including many types of insulation. This knife features the following:

- Short 1 3/4" blade with 6 1/4" handle for better control and reduced hand fatigue
- Coping blade is made from high strength cutlery steel and is tempered to maintain its edge with repeated use



KN-7



Insulated Cable & Duct Sheathing Knife - KN-200INS

Designed with a curved blade and insulated handle, this cable sheathing knife is the perfect tool for slitting or cutting the sheathing off cables without damaging the conductor insulation inside.

- Ultra sharp, dual-sided blade can cut cable or duct jacket sheath from either side by pushing or pulling the tool through the cable



KN-200INS



Heavy-Duty Utility Knife - UKN-3

Designed for heavy duty use, this utility knife is the perfect addition to any tradesman or technician's tool kit.

Replacement Blades: **UKN-50RB**



UKN-3



Knife and Scissor Sharpener - KSS-1

Designed to restore the edges of knives and scissors in one convenient tool, this knife and scissor sharpener is made of diamond-polished high grade tungsten-carbide steel. This knife and scissors sharpener features the following:

- Diamond-polished high grade tungsten-carbide steel blades will restore the edges of scissors or knives with only 3-4 strokes



KSS-1



Splicer's Kit - TK-400

Featuring an ergonomic cable splicing knife and electrician's scissors in a comfortable leather pouch, the **TK-400** Splicer's Kit is the perfect compact tool kit for cable splicing needs.

Kit includes:

- **ES-1964** Electrician's Scissors
- **H-40** Leather 2 Pocket Tool Pouch
- **KN-7** Ergonomic Cable Splicing Knife



TK-400



Telephone Installer Splicer's Kit - TK-22148

Designed for stripping, splicing, and crimping telephone or electrical cables, the **TK-22148** Telephone Installer's Splicer Kit is the ideal compact tool kit for telephone installers and technicians.



TK-22148

Kit includes:

- **ES-1964** Electrician's Scissors
- **H-36** Molded 2 Pocket Tool Pouch
- **JIC-22148** Combo Crimper, Long Nose Pliers



5 Piece Telecom Installer's Kit - TK-50

The Jonard Tools **TK-50** 5 Piece Telecom Installer Kit is the perfect kit for simple installations and includes the basic necessary tools for telecom installers.



TK-50

Kit includes:

- **ES-1964** Electrician's Scissors
- **H-50** Molded Five Tool Pouch
- **JIC-22035** Probe Pick
- **KN-7** Ergonomic Cable Splicing Knife
- **M-216CS22** Ergonomic Can Wrench with Wire Stripper



Network Tool Kit - TK-RJ45

This kit provides all the necessary tools for cutting, crimping, punching, and terminating network and telephone cables.



TK-RJ45

Kit includes:

- **CSR-56** CAT/TP Cable Stripper
- **PDK-110** Non Impact Punch Down Tool, 110 Blade with Cutter
- **RJ45** Connectors (Pack of 10)
- **RJ12** Connectors (Pack of 10)
- **UC-468** Modular 6-in-1 Crimping Tool



VDV Installation Took Kit - TK-RJ550

This kit provides all the necessary tools for cutting, crimping and terminating CAT5 and CAT5E network cables.



TK-RJ550

Kit includes:

JONARD P/N	DESCRIPTION
GST-1i	Cyclops Wire Stripper
EPD-914	Punchdown Tool without Blade
EPB-110	Punchdown Blade, 110 with & without Cutter
ES-1964ERG	Ergonomic Electrician's Scissors
H-20	Rugged Carrying Case
RJ45-550	RJ45 CAT5E Pass-Through Connectors (Pack of 50)
UC-4569	RJ11/12, RJ45 Pass-through Modular Crimping Tool 6-in-1



Right Angle Torque Wrench, Swivel Head, 10 in-lb - TSW-10SK

Designed to properly torque 5/32" security screws with a preset torque of 10 in-lb, this swivel head torque wrench is perfect for Network Interface Device (NID) mounting. This torque wrench features the following:

- Can be used with any 3/8" drive sockets, including our **TWS-532** (sold separately)



TSW-10SK



5/32" Hex Security Socket 3/8" Drive (Pack of 10) - TWS-532/10

Designed to be used on 5/32" security screws with an appropriate driver, these hex security sockets are perfect for Network Interface Device (NID) mounting. These drive sockets include the following:

- Provides a snug fit when used on 5/32" security screws
- Can be used with any 3/8" torque wrenches or drivers



TWS-532/10



TWS-10



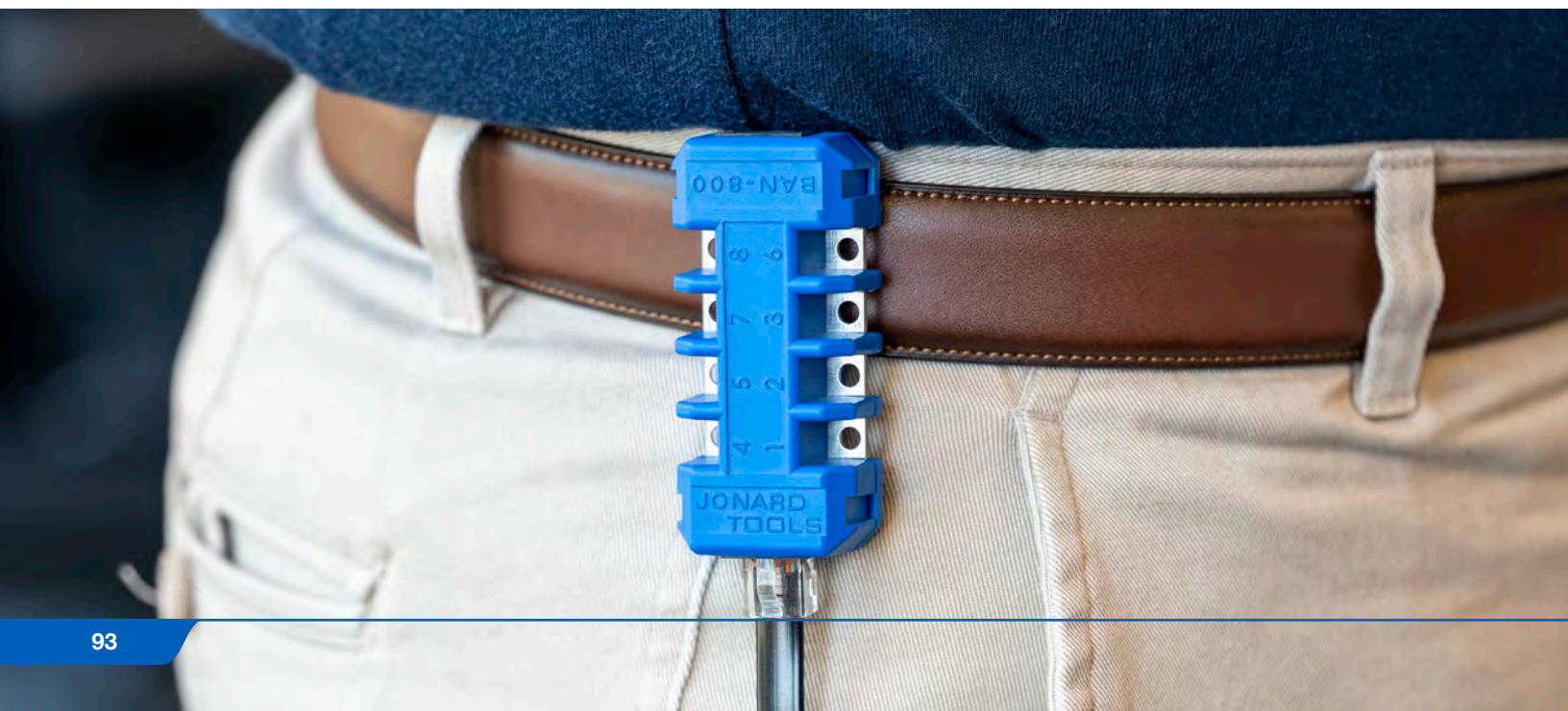
RJ45 8-Position Modular Adapter - BAN-800

The Jonard Tools **BAN-800** 8P Modular Adapter, also known as an 8P Banjo, is perfect for connecting butt sets, telephone test sets, tone generators and network test equipment to data and telephone lines using modular plug connections in order to test the data and signals being carried. This 8P Modular Adapter also features the following:

- Holed copper contacts keep alligator clips secured while testing
- Easy-to-read wire layout with clear markings indicating the different wire positions
- Reinforced ABS plastic body with belt clip for convenience
- Includes an easily removeable patch cord with rugged jack clips
- Can be used to test RJ11, RJ12, and RJ45 plugs



BAN-800





16 Piece Security & Alarm Tool Kit+ - TK-611

Designed specifically for the security and alarm industry, the **TK-611** 16 Piece Security & Alarm Tool Kit provides all the tools needed to prep COAX, network, and power cables for termination as well as tools for tracing and testing applications.



TK-611

Kit includes:

JONARD P/N	DESCRIPTION
EPD-91461	Punchdown Tool with 2 Blades (66 & 110)
CST-1900	Round Cable Strip & Ring Tool
CT-200	Universal Compression Tool
H-90	Rugged 21 Pocket Tool Case
JIC-186	Wire & Kevlar® Cutting Shears
JIC-683	Lineman's Side Cut Pliers
JIC-22148	Combo Crimper, Long Nose Pliers
KN-7	Ergonomic Cable Splicing Knife
MCT-468	Modular Cable Tester for RJ45, RJ12, RJ11 Cables
MRS-24	MagneTrier™
RBNC-3	Compact BNC Connector Tool
SD-61	6-in-1 Multi-Bit Screwdriver with Phillips and Slotted Bits
TETP-800	Cable Tester Tone & Probe Kit
UC-4569	RJ11/12, RJ45 Pass-through Modular Crimping Tool 6-in-1
UST-500	Universal Cable Stripping Tool for COAX, Network, and Telephone Cables
WSC-826	Wire Stripper & Crimper, 8-26 AWG





CABLE & WIRE STRIPPERS & SPLITTERS



Round Cable Strip & Ring Tools

The **PATENTED CST-1900** and **CST-4000** Round Cable Strip & Ring Tools are designed for fast and precise removal of cable jackets from round cables. Triple action design makes longitudinal cuts for end stripping, spiral cuts for end and mid span stripping, and circular cuts for jacket removal.

SPECS	CST-1900	CST-4000
CUT TYPE	Slit & Ring	Slit & Ring
CABLE DIAMETER	3/16" - 1 1/8" (4.5 mm-29 mm)	3/4" - 1 5/8" (19 mm-40 mm)
QR CODE		



Round Cable Strip & Ring Tool for Cables 4.5-29 mm in Diameter - CST-1140

The **CST-1140** Round Cable Strip & Ring Tool is designed for fast and precise removal of cable jackets from round cables that are 3/16" - 1 1/8" (4.5 mm-29 mm) in diameter.

Replacement Blades (Pack of 3): **CST-1140RB**



CST-1140



Round Cable Strip & Ring Tool, 8-28 mm - CST-900

Designed for the fast and precise removal of round cable jackets 8-28 mm in diameter. This round cable stripper features the following:

- Blades are coated with Titanium-Nitride (TIN) for longer life, faster cutting, and less wear
- Large adjustment screw allows for precise blade depth adjustments
- Specially designed blade automatically adjusts from ringing to slitting

Replacement Blades (Pack of 3): **CST-900RB**



CST-900



CableSaber™ Armored Strip & Ring - AST-200

The award winning **CableSaber™** is the ultimate tool for gaining mid-span access to armored or thick jacketed cables 4 mm-28.6 mm (0.157" - 1.125") in diameter.



AST-200

Replacement Blades (Pack of 2): **AST-200RB**



CableSaber+™ Armored Cable & Fiber Duct Slitter - AST-210

The Jonard Tools **CableSaber+™** is the ultimate tool for gaining mid-span access to armored or thick jacketed cables 4 mm-30.0 mm (0.157" - 1.181") in diameter, such as Corning's 1728 RocketRibbon® cable.



AST-210



Cable Ring Tool - JIC-2060

Designed to ring and remove the sheathing off plastic, fabric, and rubber-covered cables from 3/16" - 1/2" (4.7 mm-12.7 mm) in diameter.



JIC-2060

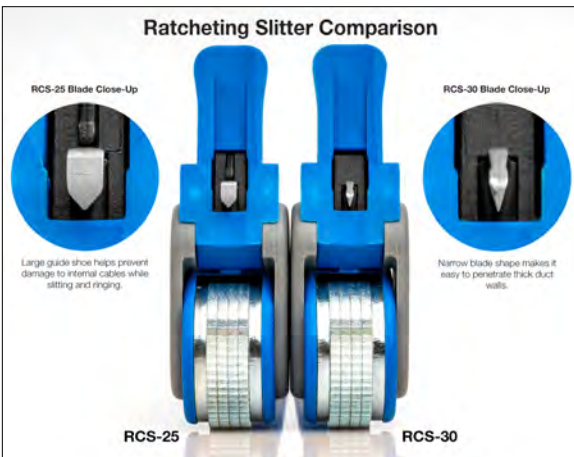
Replacement Blades (Pack of 6): **RB-2060/6**



Precision Cable Strippers

The **CST-25** is designed to slit and ring hard outer sheathes on cables and plastic tubes, and the **CST-28** is designed to slit and ring cables and plastic tubes. These are the perfect tools for opening cables and ducts.

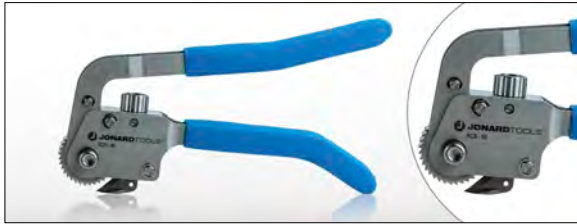
SPECS	CST-25	CST-28
CUT TYPE	Slit & Ring	Slit & Ring
CABLE DIAMETER	1/4" - 1" (6 mm-25 mm)	1/4" - 1 1/8" (6 mm-28 mm)
REPLACEMENT BLADES	CST-25RB	CST-28RB
QR CODE		



Ratcheting Duct and Cable Slitters

These ratcheting cable slitters are designed to dismantle heavy-duty cables. The **RCS-25** and **RCS-30** both slit and ring round cables greater than 1" (25 mm) in diameter, and the **RCS-30** can also be used to make window cuts in ducts up to 5 mm thick.

SPECS	RCS-25	RCS-30
CUT TYPE	Slit & Ring	Window, Slit & Ring
APPLICATION	Cables	Cables & Ducts
REPLACEMENT BLADES	RCS-25RB	RCS-30RB
QR CODE		



Submariner Cable & Large Duct Slitter - RCS-50

Designed to open the toughest heavy-duty cable jackets, the **RCS-50** is perfect for performing lateral and longitudinal cuts on submariner cables, large fiber ducts, or large count telephone cables at least 1 1/2" (3.81 cm) in diameter.

Includes the **H-20** rugged carrying case.



RCS-50



Cable Stripper for 14/2 & 12/2 NM Cable - WSC-1412

Designed to strip the jacket and insulated conductors from 12/2 and 14/2 NM cables. Includes stripping holes for removing insulation on 12 and 14 AWG wire, wire looping / bending holes to aid in wire prep, and shears 6-32, 8-32, 10-32 screws.



WSC-1412



Wire Stripper and Cutter, 8-22 AWG - WS-822

Easily strips 8-20 AWG solid wire and 8-22 AWG stranded wire, can remove up to 1" of insulation in a one-step operation. Built-in cutting blades make it easy and convenient to cut and prep wire. Gripping and stripping jaws grab, hold, and strip wire with one squeeze of the handle.



WS-822



Cyclops Wire Stripper - CST-1i

Fast easy removal of outer insulation from all unshielded twisted pair, shielded twisted pair and multicore cables. The Cyclops features a self adjusting blade and is perfect for PVC and plenum type insulation, plus other materials without damaging the inner braids, foils or conductors. Cable performance is not impacted using this cable stripper. **PATENTED.**



CST-1i



Electric Lug and Terminal Crimper - TCC-1416

Designed to prep electrical cables, this electrical lug and terminal crimper is perfect for cutting and stripping wires, and crimping insulated and non-insulated lugs and terminals. This crimper features the following:

- Strips 22-16 AWG (1.3 mm-0.6 mm) electrical wires



TCC-1416



Wire Stripper & Crimper, 8-26 AWG - WSC-826

The Jonard Tools **WSC-826** is a multi-function wire stripper designed to cut and strip wire from 8-26 AWG (3.26 mm-0.40 mm) without any adjustments needed.



WSC-826



Heavy-Duty Wire Stripping Pliers, 10-16 AWG - WSC-1016

Designed to strip the most commonly-used stranded and single conductor wires, this wire stripper is the perfect tool for cutting, stripping, and crimping 10-16 AWG (2.6 mm-1.3 mm) wire.



WSC-1016



Adjustable Wire Stripper & Cutter - WS-5

Designed with a precision-ground "V" notch blade and adjustable blade stop for superior stripping, this adjustable wire stripper and cutter is perfect for stripping and cutting 10-30 AWG (2.6-0.25 mm) solid and stranded wire.



WS-5



Adjustable Wire Strippers

These precision wire strippers feature an adjustment dial that allows the operator to select one of the six different settings. These adjustable wire strippers are the perfect tool for stripping wires quickly and easily.



ADJUSTABLE WIRE STRIPPERS

SPECS	ST-450	ST-500	ST-500ESD	ST-550
WIRE GAUGE	26-36 AWG	20-30 AWG	20-30 AWG, ESD Safe	18-28 AWG
QR CODE				



Self Adjusting Wire Stripping Tools

The perfect solution for stripping PVC and other insulated wire. This innovative squeeze and strip design uses precision carbon steel laminated stripping blades that automatically grasp the insulation to provide quick and accurate wire stripping.

SPECS	WSA-1024	WSA-1430
WIRE GAUGE	10-24 AWG (2.6 mm-0.2 mm)	14-30 AWG (1.6 mm-0.3 mm)
REPLACEMENT BLADES	WSA-1024RB	WSA-1430RB
QR CODE		



Wire Strippers

Wire strippers and cutters with coil spring openings to reduce fatigue, wire looping and bending holes, black oxide finish, locking mechanism, and cutting surfaces that are hardened, tempered and ground for superior performance.

SPECS	JIC-1022	JIC-1626	JIC-2030
WIRE GAUGE	10-22 AWG (2.60-0.64 mm)	16-26 AWG (1.29-0.40 mm)	20-30 AWG (0.81-0.25 mm)
QR CODE			



Stainless Steel Curved Wire Stripper, 10-20 AWG - WSS-1020

Designed to cut and strip the most commonly used stranded and single conductors, this wire stripper is the perfect tool for cutting and stripping solid wires from 10-20 AWG (2.60-0.81 mm) and stranded wires from 12-22 AWG (2.05-0.65 mm).



WSS-1020



INSERTION & EXTRACTION TOOLS

Insertion & Extraction Tool Kits

These tools service virtually all connectors with front release contacts. These tools contain strong, durable, stainless steel probes & color coded handles. Items sold individually as well in kits.

Insertion Tool Kit - KA-260

Inserts front release contacts made by: Amp, Amphenol, Bendix, Burndy, Cannon, Cinch, Continental, Elco, Flight, Pyle National, and Deutsch



SPECS	KA-260	A-4598	A-4599	A-4600
DESCRIPTION	Insertion Tool Kit (Includes: A-4598, A-4599, A-4600)	Insertion Tool Contact Size 20	Insertion Tool Contact Size 16	Insertion Tool Contact Size 12
QR CODE				

Extraction Tool Kit - KR-260

This Extraction Tool Kit is perfect for removing front release contacts made by most manufacturers.



SPECS	KR-260	R-4601	R-4602	R-9461
DESCRIPTION	Removal Tool Kit (Includes: R-4601, R-4602, R-9461)	Removal Tool Contact Size 20	Removal Tool Contact Size 16	Removal Tool Contact Size 12
QR CODE				

Both kits are supplied in a Jonard Tools leather tool case.



Insertion & Extraction Tool, Contact Size 20 - AR-910672

This tool is perfect for inserting and extracting size 20 front release contacts made by most manufacturers.

- Probes constructed from brass to prevent damage to contacts
- Housing made from color-coded ABS: Red side is for insertion and white side is for extraction



AR-910672



Pin Removal Tool, Contact Size 16-20 - R-5926

Compatible with nearly all AMP-style pin connectors between contact sizes 16-20, this tool is perfect for extracting AMP CPC pins from the back of connector blocks. This insertion tool features the following:

- Smooth built-in plunger makes removal of pins quick and easy
- Pushes pins out from behind the connector blocks for contact sizes 16-20



R-5926



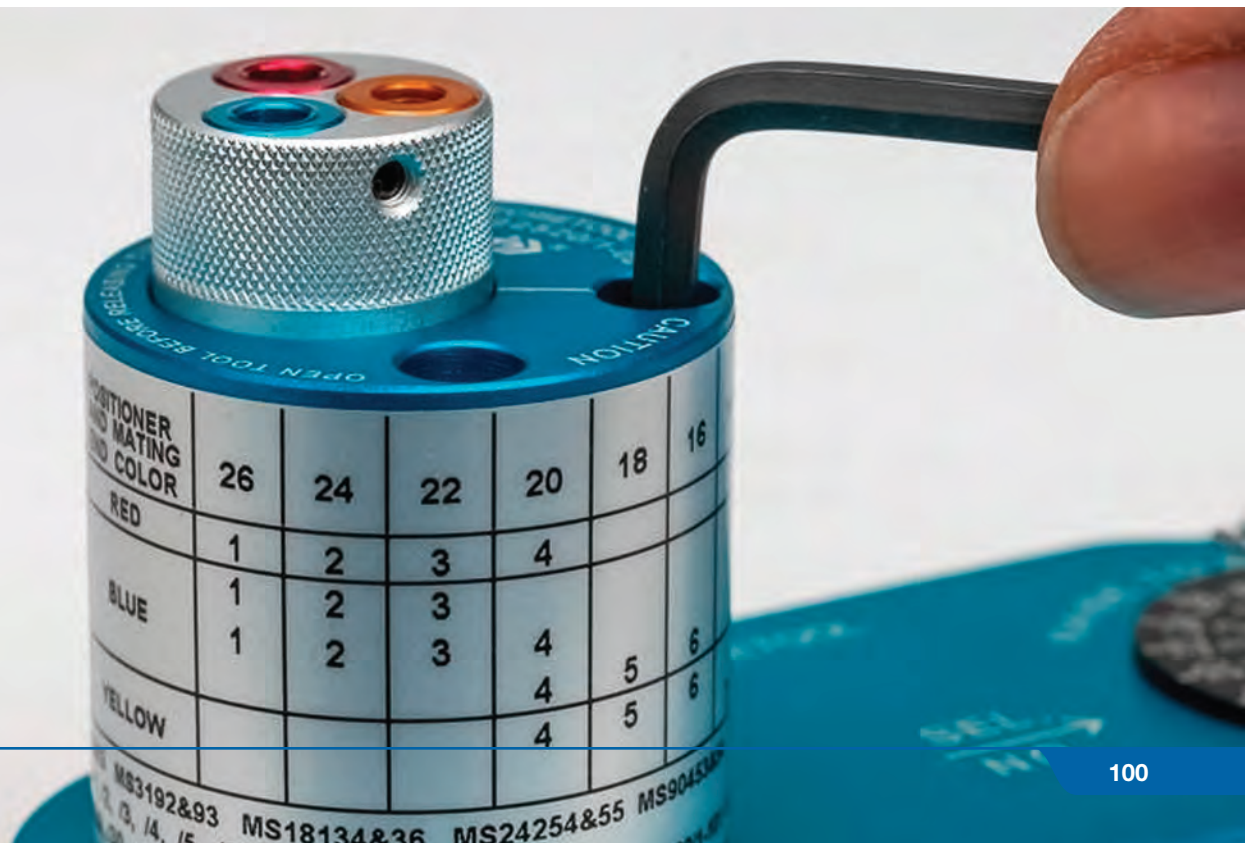
Precision Crimper - CMP-1226

Designed for use with our **CMP-3** turret head and most other turret heads, this precision crimping tool is perfect for crimping front release connector contact pins onto 12-26 AWG wire. This crimper features the following:

- This tool is compatible with most other turret heads, including our **CMP-3** turret head
- Creates 4-indent 8-impression crimps, which assure maximum tensile strength
- 8 position selector knob allows you to control the crimp depth with ease
- Smooth precision ratchet ensures the same accurate crimps every time
- Instruction manual included for installation of turrets and crimping instructions
- Rugged steel frame construction with rubber cushion grips for comfort



CMP-1226



IC Insertion & Extraction Tools and Kits



SPECS	EX-1/10	EX-2	MOS-1416
DESCRIPTION	DIP IC Extractor (8-24 Pins) (Pack of 10)	DIP IC Extractor (24-40 Pins)	Insertion Tool (14-16 Pins)
QR CODE			

SPECS	MOS-2428	S-339	S-340
DESCRIPTION	Insertion Tool (24-28 Pins)	Lamp Extractor	DIP/IC Extractor
QR CODE			



IC Insertion/Extraction Kit - WK-7

This tool kit is designed to facilitate the installation and extraction of DIP IC and PLCC chips on circuit boards. All included tools are CMOS safe and include grounding lugs where appropriate.



Kit includes:

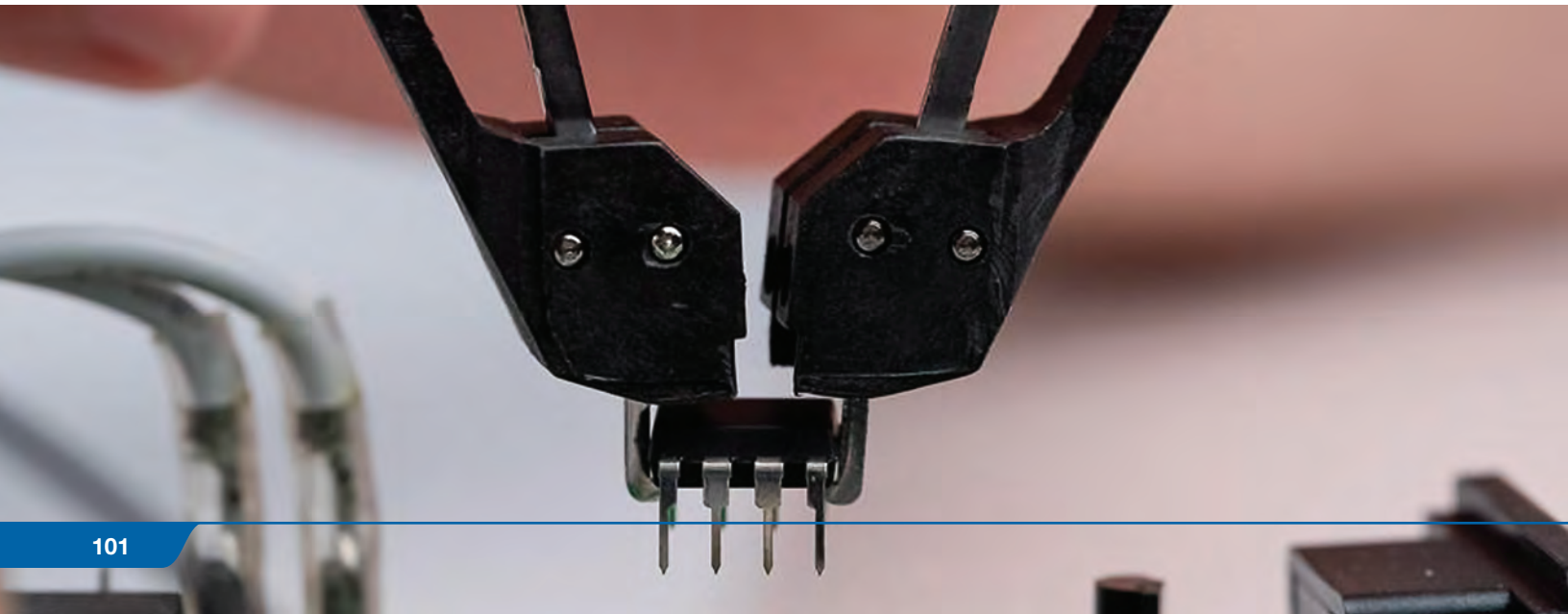
- **EX-1** DIP IC Extractor (8-24 pins)
- **EX-2** DIP IC Extractor (24-40 Pins)
- **EX-5** PLCC Extractor, ESD Safe
- **MOS-1416** Insertion Tool (14-16 Pins)
- **MOS-2428** Insertion Tool (24-28 Pins)



PLCC Extractors

Designed to extract Plastic Leaded Chip Carriers (PLCC) without damaging them, these PLCC Extractors are perfect for removing PLCCs with 20-128 pins. The stainless steel construction provides long life and durability.

SPECS	EX-5	EX-6
DESCRIPTION	PLCC Extractor - ESD (Electrostatic Discharge) Safe	PLCC Extractor
QR CODE		



SOLDERING & DESOLDERING TOOLS



SA-9-115

SA-9-E-115

SAF-1

SAK-90

SA-91-E

SA-91

Benchtop Fume Absorbers

Features:

- Aerodynamic hood design effectively draws irritating soldering fumes away from the work area
- Carbon-impregnated filters trap a limited portion of the flux fumes
- Compact size, low profile and adjustable stand allows convenient placement 6" to 8" (152 to 203 mm) from work area

- Dimensions: 8 1/2" H x 8 1/4" W x 4" D
- Articulating arm allows optimized positioning and saves bench space
- Bench mounting clamp and 3 filters come complete with unit
- Noise level 45-50 DB A
- **SA-9-E-115** & **SA-91-E** feature static-dissipative housing

SPECIFICATIONS	SA-9-115	SA-9-E-115	SAF-1	SAK-90	SA-91-E	SA-91
DESCRIPTION	Fume Absorber, 115V	Fume Absorber, ESD Safe 115V	Replacement Filter Set, 3 pcs.	Arm Assembly Kit Retro-fits SA-9/9-E to SA-91-E	SA-9-E-115 with Articulating Arm & Bracket (ESD Safe)	SA-9-115 with Articulating Arm & Bracket
QR CODE						



High-Vacuum Desoldering Pumps

Specially engineered desoldering pumps made to exacting specifications and providing precise repeatable operation. Fitted with a Teflon Tip with ID .125", OD .22" and included cleaning mechanism. **DP-100** and **DP-200**. 13" long, **DP-140** 8" long.

SPECS	DP-100	DP-140	DP-200	DPT-100	DPT-200
DESCRIPTION	High Vacuum Desoldering Pump	Desoldering Pump	High Vacuum Desoldering Pump, ESD Safe	1 Replacement Tip, DP-100/DP-140	1 Replacement Tip, DP-200
QR CODE					

KYNAR® WIRE

KYNAR® Insulated, Silver Plated Copper Conductor

Typically used where flexibility, strength, and low weight is required, Kynar® wire is ideally suited in wire wrap, power supply, medical, and aerospace applications. It is also commonly used for circuit board prototyping because of its lighter weight and smaller overall diameter.



KYNAR WIRES

WIRE SIZE		INSULATION DIA.		ROLL SIZE		BLUE	YELLOW	WHITE	BLACK	RED	GREEN
AWG	mm	in.	mm	Feet	Meters						
24	0.50	.030	0.76	100	30.4	R24B-0100	R24Y-0100	R24W-0100	R24BLK-0100	R24R-0100	
26	0.40	.027	0.69	100	30.4	R26B-0100	R26Y-0100	R26W-0100	R26BLK-0100	R26R-0100	
28	0.32	.024	0.60	100	30.4	R28B-0100	R28Y-0100	R28W-0100	R28BLK-0100	R28R-0100	
30	0.25	.020	0.50	100 1000	30.4 304.4	R30B-0100 R30B-1000	R30Y-0100 R30Y-1000	R30W-0100 R30W-1000	R30BLK-0100 R30BLK-1000	R30R-0100 R30R-1000	R30G-0100 R30G-1000



Pre-Cut & Pre-Stripped Wire Wrapping Wire

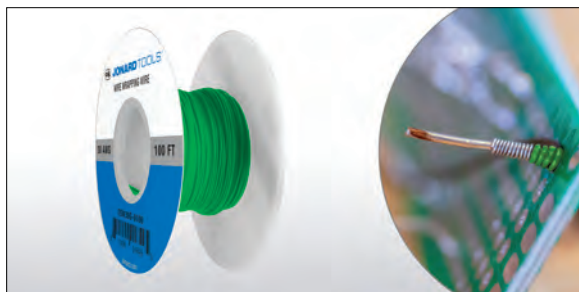
30 AWG (0.25 mm) Pre-Cut/Pre-Stripped Wire (50 Pieces per Package).

- 50 pieces per package
- Kynar® insulated
- Silver plated copper conductor
- UL listed
- 1" of stripped wire on either end
- Add 2" to the insulation length (see chart below) for total length of wire



PRE-CUT & PRE-STRIPPED WIRES

INSULATION LENGTH		BLUE	YELLOW	WHITE	RED
in.	mm				
1	25	30-B-50-010	30-Y-50-010	30-W-50-010	30-R-50-010
2	51	30-B-50-020	30-Y-50-020	30-W-50-020	30-R-50-020
3	76	30-B-50-030	30-Y-50-030	30-W-50-030	30-R-50-030
5	127	30-B-50-050	30-Y-50-050	30-W-50-050	30-R-50-050



30 AWG Tefzel® Wire, Green, 100 ft - TSW30G-0100

Tefzel®, also referred to as ETFE (ethylene tetrafluoroethylene copolymer), is a thin but resilient insulation material designed for aerospace applications. It is ideal for use as appliance, panel, or wrapping wire and can also be used in the installation of aviation electronics equipment. Tefzel® wire's excellent material toughness, electrical properties, and resistance to heat flames, chemicals, and radiation make it the perfect wire where high durability is required.



TSW30G-0100



Wire Dispenser - WD-30 Series

- This wire dispenser comes with a 50 ft (15.2 m) roll of 30 AWG (0.25 mm) Kynar® wire wrapping wire.
- Built-in plunger to cut the wire to any desired length
- Built-in wire stripper that strips 1" (25.4 mm) of insulation
- Refillable so you can load more wire when needed



WD-30 SERIES

JONARD P/N	DESCRIPTION	REPLACEMENT ROLL OF WIRE
WD-30-B	Dispenser with 50' of Blue wire	R-30B-0050
WD-30-Y	Dispenser with 50' of Yellow wire	R-30Y-0050
WD-30-W	Dispenser with 50' of White wire	R-30W-0050
WD-30-R	Dispenser with 50' of Red wire	R-30R-0050
WD-30-TRI	Dispenser with 50' of Blue, White and Red wire	R-30-TRI



Kynar® Wire & Dispenser Boxes, 5 Color Sets

Typically used where flexibility, strength, and low weight are required, Kynar® wire is ideally suited in wire wrap, power supply, medical, and aerospace applications. It is also commonly used for circuit board prototyping because of its lighter weight and smaller overall diameter. Additionally, Kynar insulation provides excellent mechanical properties over a large temperature range and is resistant to an extensive range of chemicals including most inorganic and organic acids, bases, alcohols, halogenated solvents, and aliphatic & aromatic hydrocarbons. These properties make Kynar® wire an excellent choice when working in even the harshest environmental applications.

Kits include:

- Dispenser box, five color spools of 24 AWG wire, each 100 feet long, and a **FREE JIC-2030** Wire Stripper

SPECIFICATIONS	R24-5100	R26-5100	R28-5100	R30-5100	R30-51000
OVERALL LENGTH	500 ft (152.4 m)	500 ft (152.4 m)	500 ft (152.4 m)	500 ft (152.4 m)	5000 ft (1524 m)
WIRE GAUGE	24 AWG	26 AWG	28 AWG	30 AWG	30 AWG
WIRE SPOOLS	5 Colors, 100 ft each	5 Colors, 100 ft each	5 Colors, 100 ft each	5 Colors, 100 ft each	5 Colors, 1000 ft each
JIC-2030 WIRE STRIPPER	X	X	X		X
QR CODE					



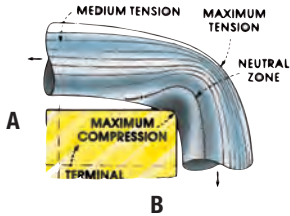
WIRE WRAP TOOLS

In February 2003 Jonard Industries acquired OK Industries and merged their operation into the "Jonard Family of Companies". Established in 1946, OK Industries blossomed as a major force in the telecommunications and electronic industries with a special proficiency in the manufacture of Wire Wrapping Tools. These same tools have continuously been supplied by Jonard Tools.

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Wire wrapping is a method of making a wire connection by coiling the bare wire around the sharp corners of a terminal under mechanical tension. The technology was developed as an alternative to soldering, which presents various safety and reliability problems in many applications. A principal advantage of wire wrapping is that it provides a high-reliability connection that is also easily removed to correct or modify a wiring layout. Wire wrapping subjects the wire to tremendous tension and compression forces, causing the oxide layer on both wire and terminal to be crushed or sheared, resulting in a clean, oxide-free metal-to-metal contact. A standard wrap is generally used for 18 AWG and larger diameter wires; a modified wrap is typically used for 26 AWG and smaller wires, and is used almost exclusively for 28 to 30 AWG wires. In either case, the wrap style affects only the connection's mechanical stability; both styles provide suitable electrical connections.



Metal-to-Metal Contact

By bending the wire around the sharp corner of the terminal, the oxide layer on both wire and terminal is crushed or sheared, and a clean, oxide-free metal-to-metal contact is obtained.

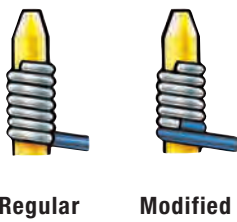
Strip Force Chart*

AWG	WIRE SIZE		MIN NUMBER OF TURNS (BARE WIRE)	MIN. STRIP FORCE	
	DIA. INCHES	DIA. MM		LBS.	GMS
16	.051	1.30	4	15	6800
18	.0403	1.00	4	15	6800
20	.032	0.80	5	8	3600
22	.0253	0.65	5	8	3600
24	.0201	0.50	6	7	3200
26	.0159	0.40	7	6	2700
28	.0126	0.32	7	5	2200
30	.0100	0.25	7	3.3	1500

*Conforms to MIL-STD-1130B

Types of Wrap

A "Regular" bit wraps the bare wire around the terminal. A "Modified" bit wraps a portion of insulation around the terminal in addition to the bare wire. This greatly increases the ability to withstand vibration.



How to Make Wire Wrapped Connections

- Step 1: Bit, Sleeve & Pre-Stripped Wire
- Step 2: Wire Insertion
- Step 3: Wire Anchoring
- Step 4: Terminal Insertion
- Step 5: Finished Connection

Some Hints on Making Wrapped Connections

- OVERWRAP**
Do not press too hard. Let the OK tools do the work. Excessive pressure can lead to overwrapping. Backforce "BF" to prevent overwrapping is available on most power tools and is recommended for use with 26 through 30 AWG wire.
- OPEN WRAP & SPIRAL WRAP**
Just keep the OK tool on the terminal until the wrap is complete. Early removal can result in spiral and open wraps.
- INSUFFICIENT TURNS**
It's easy to feed wire into the slot in the OK bit correctly. Be sure the stripped end of the wire is "pushed-in" all the way.
- PIGTAIL**
Wire wrapping is a precision technique and the wrong bit and sleeve just cannot do the job. Improper selection can cause problems ranging from "Pigtails" to loose wraps.

Terminal Diagonal Chart

		DIMENSION B																		
DIMENSION A	in.	.010	.015	.020	.025	.030	.035	.040	.045	.050	.055	.060	.065	.070	.075	.080	.085	.090	.095	.100
	mm	0.25	0.38	0.51	0.64	0.76	0.89	1.02	1.14	1.27	1.40	1.52	1.65	1.78	1.91	2.03	2.16	2.29	2.41	2.54
	.010	.014	.018	.022	.027	.032	.036	.041	.046	.051	.056	.061	.066	.071	.076	.081	.086	.091	.096	.101
	0.25	0.36	0.46	0.56	0.69	0.81	0.91	1.04	1.17	1.30	1.42	1.55	1.68	1.80	1.93	2.06	2.18	2.31	2.44	2.57
	.015	.018	.021	.025	.029	.033	.038	.043	.047	.052	.057	.062	.067	.072	.077	.082	.087	.092	.097	.102
	0.38	0.46	0.53	0.64	0.74	0.84	0.97	1.09	1.19	1.32	1.45	1.58	1.70	1.83	1.96	2.08	2.21	2.34	2.26	2.59
	.020	.022	.025	.028	.032	.036	.040	.045	.049	.053	.058	.063	.068	.073	.078	.083	.088	.093	.098	.103
	0.51	0.56	0.64	0.71	0.81	0.91	1.02	1.14	1.25	1.35	1.47	1.60	1.73	1.85	1.98	2.11	2.24	2.36	2.49	2.62
	.025	.027	.029	.032	.035	.039	.043	.047	.050	.056	.060	.065	.069	.074	.079	.084	.089	.094	.099	.104
	0.64	0.69	0.74	0.81	0.91	0.99	1.09	1.19	1.27	1.42	1.52	1.65	1.75	1.88	2.01	2.13	2.26	2.39	2.52	2.64
	.030	.032	.033	.036	.039	.042	.046	.050	.054	.058	.062	.067	.071	.076	.080	.085	.090	.095	.100	.105
	0.76	0.81	0.84	0.91	0.99	1.07	1.17	1.27	1.37	1.47	1.58	1.70	1.80	1.93	2.03	2.16	2.29	2.41	2.54	2.67
	.035	.036	.038	.040	.043	.046	.049	.052	.056	.060	.064	.069	.073	.078	.082	.087	.091	.096	.101	.106
	0.89	0.91	0.97	1.02	1.09	1.17	1.25	1.32	1.42	1.52	1.63	1.75	1.85	1.98	2.08	2.21	2.31	2.44	2.57	2.69
	.040	.041	.043	.045	.047	.050	.052	.056	.060	.064	.068	.072	.076	.080	.084	.089	.092	.097	.102	.107
	1.02	1.04	1.09	1.14	1.19	1.27	1.32	1.42	1.52	1.63	1.63	1.83	1.93	2.03	2.13	2.26	2.34	2.46	2.59	2.72
	.045	.046	.047	.049	.050	.054	.056	.060	.063	.067	.071	.074	.078	.083	.087	.091	.096	.101	.105	.109
	1.14	1.17	1.19	1.25	1.27	1.37	1.42	1.52	1.60	1.70	1.80	1.88	1.98	2.11	2.21	2.31	2.44	2.57	2.67	2.77
	.050	.051	.052	.053	.056	.058	.060	.064	.067	.071	.074	.078	.082	.086	.090	.094	.098	.103	.107	.111
	1.27	1.30	1.32	1.35	1.42	1.47	1.52	1.63	1.70	1.80	1.88	1.98	2.08	2.18	2.29	2.49	2.49	2.62	2.72	2.82

Example: If "A"=.020". "B"+.060". The Terminal diagonal is .063" as shown on chart.

Battery & Electric Wire Wrap Tools

The ergonomic and patented PTX Series Wire Wrap Tools are the telecom industry standard for wire wrapping needs on main distribution frames as well as local and remote installations. It's rugged construction and high speed motor make the tool suitable for electronic assembly work and many other wire wrapping applications.



Battery Wire Wrap Tools & Kits

JONARD P/N	DESCRIPTION	WEIGHT	RPM
PTX	Battery Powered Wrap/Unwrap Tool	1.13 lbs (0.51 g)	3700
PTXFL	PTX Plus Flashlight Attachment	1.13 lbs (0.51 g)	3700
PTX-KIT1	PTX Tool, 115V Battery Charger, 2 Batteries	3.15 lbs (1.42 kg)	3700
PTX-KIT1DH	PTX Tool, DFB224, 115V Battery Charger, 2 Batteries, H-1000	3.44 lbs (1.56 kg)	3700
PTX-KIT2	PTX Tool, 230V Battery Charger, 2 Batteries	3.18 lbs (1.44 kg)	4200
PTX-KIT2DH	PTX Tool, DFB224, 230V Battery Charger, 2 Batteries, H-1000	3.60 lbs (1.63 kg)	4200

All battery wire wrap tools above operate with a 3.6 Volt NiMH battery.

Electric Wire Wrap Tools

JONARD P/N	DESCRIPTION	WEIGHT	VOLTAGE	RPM
PTX-1	Electric Wrap/Unwrap Tool, 115V	1.20 lbs (0.54 kg)	115V	3700
PTX-1BF	Electric Wrap/Unwrap Tool w/ backforce, 115V	2.00 lbs (0.90 kg)	115V	3700
PTX-2	Electric Wrap/Unwrap Tool, 230V	2.20 lbs (0.99 kg)	230V	4200
PTX-2BF	Electric Wrap/Unwrap Tool w/ backforce, 230V	2.17 lbs (0.98 kg)	230V	4200

All tools with "BF" in the part number include backforce protection to prevent overwrapping.

Accessories

JONARD P/N	DESCRIPTION	WEIGHT
PTX-B	PTX Battery for Wrap/Unwrap Tool	0.39 lbs (0.18 kg)
PTX-BC1	PTX Battery Charger, 115V	0.77 lbs (0.35 kg)
PTX-BC2	PTX Battery Charger, 230V	0.86 lbs (0.39 kg)
PTX-FLA	Universal Flashlight Kit for PTX	0.08 lbs (0.04 kg)

Manual Wire Wrap Tools

Manual Wire Wrap Tools from Jonard OK Industries are ideal for between 50 and 200 wire wrap jobs per day. The nose piece should be tightened when the trigger is squeezed to minimize drag and ensure the wire wrapping bit and sleeve (sold separately) are properly oriented.



JONARD P/N	DESCRIPTION
G100/R3278	Aluminum Wire Wrapping Tool
G100/R3278FL	Insulated Aluminum Wire Wrapping Tool with Flashlight
G100/R3278INS	Insulated Aluminum Wire Wrapping Tool
G200/R3278	Wire Wrapping Tool with Lexan® Housing



LED Flashlight Kit For G100 Tools - G100-FL

For use with **G100/R3278** & **G100/R3278INS**. Add the convenience of task lighting to your wire wrapping gun with this Wire Wrapping Flashlight Kit. Compatible with all wire wrapping tools.



Universal Flashlight Kit For WW Gun - G100-FLA

Universal - for use with most manual wire wrapping guns. Add the convenience of task lighting to your wire wrapping gun with this Wire Wrapping Flashlight Kit. Compatible with all wire wrapping tools.



Manual Wire Unwrapping Tool - G100/R3394CT

Designed for unwrapping 20-26 AWG (0.80-0.40 mm) wire using unwrap set **PUW2226**, this tool is perfect for unwrapping wire quickly and easily.

The **PUW2226** includes the **2026UB** unwrap bit and the **SOK2230** unwrap sleeve.





3" Wire Wrap Bits & Sleeves

Fully compatible with any make or model wrapping tool. Modified bits provide an additional 1 1/2" turns of insulated wire to the wrap.



BIT P/N	SLEEVE P/N	REGULAR	MODIFIED	WIRE GAUGE		MAX. INSULATION DIAMETER		MIN. TERMINAL DIAGONAL		MAX. TERMINAL DIAGONAL		TERMINAL HOLE DEPTH		EFFECTIVE RADIUS		TERMINAL HOLE DIAMETER	
				AWG	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM
KB18	P194LN	•		18	1.00			.060	1.52	.073	1.85	1.000	25.40	.150	3.81	.075	1.90
KB2075		•		20-22	0.65-0.80			.042	1.07	.073	1.85	1.000	25.40	.123	3.12	.075	1.90
KB22	P2224	•		22	0.65			.054	1.37	.073	1.85	.750	19.05	.117	2.97	.075	1.90
WB2275M			•	22	0.65	.052	1.32	.049	1.24	.074	1.87	1.000	25.40	.132	3.35	.075	1.90
KB224LH		•		22-24	0.50-0.65			.061	1.54	.085	2.15	1.000	25.40	.117	2.97	.086	2.18
KB224-1		•		22-24	0.50-0.65			.054	1.37	.073	1.85	1.000	25.40	.111	2.82	.075	1.90
KB224		•		22-24	0.50-0.65			.054	1.37	.073	1.85	.807	20.50	.111	2.82	.075	1.90
WB224M			•	22-24	0.50-0.65	.050	1.27	.049	1.24	.074	1.87	1.250	31.75	.121	3.07	.075	1.90
WB24DH			•	24	0.50	.046	1.17	.054	1.37	.073	1.85	1.750	44.50	.117	2.97	.075	1.90
KB24		P2426	•		24	0.50			.055	1.39	.074	1.87	.750	19.05	.100	2.54	.075
WB24SM*	P3032LN		•	24	0.50	.044	1.11	.024	0.60	.043	1.09	.750	19.05	.098	2.48	.044	1.11
WB2426M	P2224		•	24-26	0.40-0.50	.046	1.17	.054	1.37	.073	1.85	.750	19.05	.118	2.99	.075	1.90
KB2466		•		24-26	0.40-0.50			.054	1.37	.065	1.65	1.000	25.40	.098	2.48	.066	1.67
KB26	P2426	•		26	0.40			.058	1.47	.073	1.85	1.000	25.40	.100	2.54	.075	1.90
WB26SM*	P26LN		•	26	0.40	.031	0.79	.023	0.58	.038	0.96	.750	19.05	.075	1.90	.040	1.02
WB2669M	P2426		•	26	0.40	.041	1.04	.053	1.34	.068	1.72	1.000	25.40	.109	2.77	.040	1.02
WB28SHM	P3032		•	28	0.32	.030	0.76	.031	0.79	.035	0.89	.750	19.05	.066	1.67	.069	1.75
SB30MSH-B			•	30	0.25	.027	0.69	.031	0.79	.035	0.89	.750	19.05	.064	1.62	.036	0.91
WB3032M*			•	30.32	0.20-0.25	.027	0.69	.034	0.86	.038	0.96	.750	19.05	.064	1.62	.040	1.02
WB3032MIL†			•	30.32	0.20-0.25	.027	0.69	.034	0.86	.038	0.96	.750	19.05	.064	1.62	.040	1.02

*These tools are recommended for .025" square terminals on .100" center to center of the pins

†Provides 2.5 turns of insulation



3" Wire Wrap Bits & Insulated Sleeves

The insulated sleeves are covered with a material that provides 1000V dielectric strength which helps to prevent shorting between pins and enhances worker safety. These bits and sleeves provide a regular wrap.



BIT P/N	SLEEVE P/N	WIRE SIZE		MIN. TERMINAL DIAGONAL		MAX. TERMINAL DIAGONAL		TERMINAL HOLE DEPTH		EFFECTIVE RADIUS		TERMINAL HOLE DIAMETER	
		AWG	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM
KB22	P2224INS	22	0.65	.054	1.37	.073	1.85	.750	19.05	.117	2.97	.075	1.90
KB224		22-24	0.50-0.65	.054	1.37	.073	1.85	.807	20.50	.111	2.82	.075	1.90
KB24	P2426INS	26	0.50	.055	1.39	.074	1.87	.750	19.05	.100	2.54	.075	1.90
KB26		26	0.40	.058	1.47	.073	1.85	1.000	25.40	.100	2.54	.075	1.90

5" Wire Wrap Bits & Sleeves (Extended Length)

These bits and sleeves are designed for wire wrapping in areas requiring deep penetration. Their 5" (127 mm) length ensures "true" connections in hard-to-get-at locations. Available with or without insulation. These bits and sleeves provide a regular wrap.



5" WIRE WRAP BITS & SLEEVES (EXTENDED)



BIT P/N	INSULATED SLEEVE P/N	UNINSULATED SLEEVE P/N	WIRE SIZE		MIN. TERMINAL DIAGONAL		MAX. TERMINAL DIAGONAL		TERMINAL HOLE DEPTH		EFFECTIVE RADIUS		TERMINAL HOLE DIAMETER	
			AWG	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM	IN.	MM
KB22-5	P2224-5INS	P2224-5	22	0.65	.054	1.37	.073	1.85	.750	19.05	.117	2.97	.075	1.90
KB24-5	P2426-5INS	P2426-5	24	0.50	.055	1.39	.073	1.85	.750	19.05	.100	2.54	.075	1.90
KB26-5			26	0.40	.058	1.47	.073	1.85	.750	19.05	.100	2.54	.075	1.90

DFB Series Wrap & Unwrap Bit & Sleeve Sets



DFB SERIES WRAP & UNWRAP BIT & SLEEVE SETS



JONARD P/N	DESCRIPTION	WIRE SIZE		MIN. TERMINAL DIAGONAL		MAX. TERMINAL DIAGONAL		TERMINAL HOLE DEPTH		TERMINAL HOLE DIAMETER		EFFECTIVE RADIUS	
		AWG	MM	IN.	MM	IN.	MM	AWG	MM	AWG	MM	AWG	MM
DFB224	Wrap/Unwrap Bit & Sleeve Set, 22-24 AWG	22/24	.50/.65	.054	1.37	.073	1.85	0.50	12.70	.075	1.90	.111	2.82
DFB2426	Wrap/Unwrap Bit & Sleeve Set, 24-26 AWG	24/26	.40/.50	.54	1.37	.065	1.65	0.50	12.70	.066	1.67	.098	2.48

DFB224 includes: KB-DF224 Bit, P-DF224 Sleeve; DFB2426 includes: KB-DF2426 Bit, P-DF2426 Sleeve

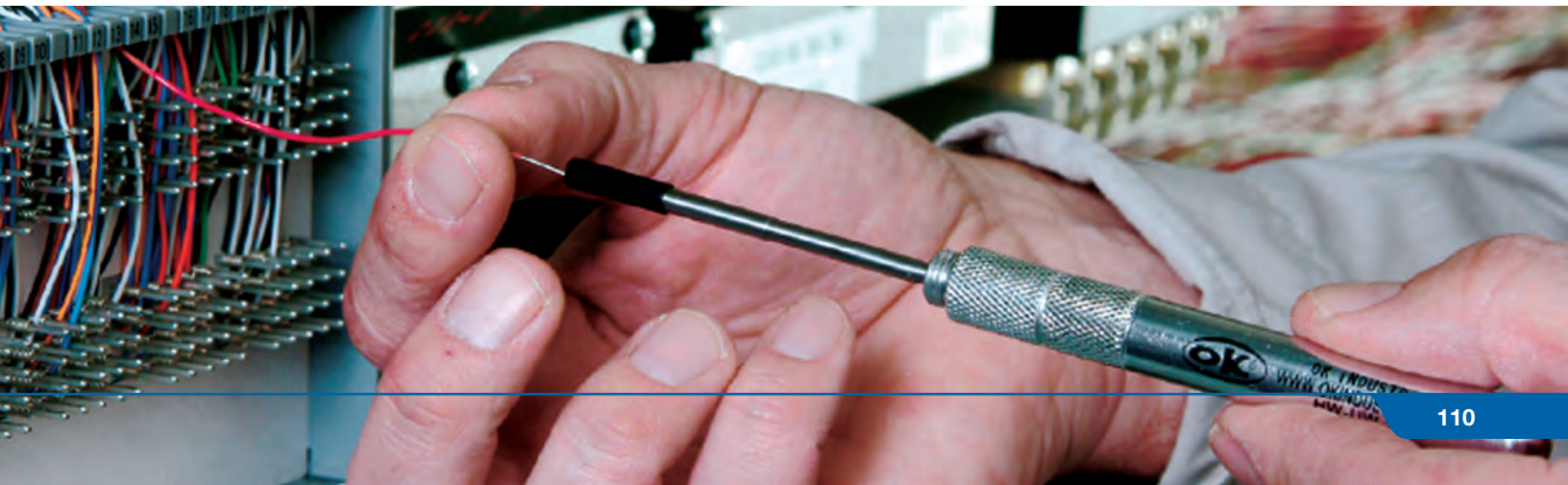


Wire Wrapping Extension Attachment - EXT-400

Precision device which attaches easily to your manual or powered wire wrapping tool for applications requiring extra "reach."



EXT-400



Hand Wire Wrap & Unwrap Tools / Insulated Hand Wire Wrap & Unwrap Tools

Designed to wrap or unwrap wire on binding posts, these hand wrap tools are perfect for use on 18-30 AWG wire. These hand wrap tools also features the following:

- Compact and convenient for making precise wire wraps where power wire wrapping tools are impractical
- Switch from wrapping to unwrapping quickly by changing the cap from one end to the other



HAND WIRE
WRAP &
UNWRAP
TOOLS



INSULATED
HAND WIRE
WRAP &
UNWRAP
TOOLS

WRAPPING SIDE													
JONARD P/N	DESCRIPTION	REG	MOD	WIRE SIZE		MAX. INSULATION DIAMETER		TERMINAL HOLE DIAMETER		TERMINAL HOLE DEPTH		OUTSIDE DIAMETER	
				AWG	MM	IN.	MM	AWG	MM	AWG	MM	AWG	MM
HW-UW-18-19	Wrap-Unwrap Tool, 18-19 AWG	•		18-19	1.00-0.91	-	-	.075	1.90	1.000	25.40	.250	6.35
HW-UW-20	Wrap-Unwrap Tool, 20 AWG	•		20	0.80	-	-	.075	1.90	1.000	25.40	.250	6.35
HW-UW-224	Wrap-Unwrap Tool, 22-24 AWG	•		22-24	0.65-0.50	-	-	.075	1.90	.807	20.50	.218	5.53
HW-UW-224-1	Wrap-Unwrap Tool, 22-24 AWG	•		22-24	0.65-0.50	-	-	.075	1.90	1.000	25.40	.218	5.53
HW-UW-224INS [†]	Wrap-Unwrap Tool, 22-24 AWG Insulated	•		22-24	0.65-0.50	-	-	.075	1.90	1.000	25.40	.218	5.53
HW-UW-2426	Wrap-Unwrap Tool, 24-26 AWG	•		24-26	0.50-0.40	-	-	.075	1.90	.750	19.05	.218	5.53
HW-UW-26SM*	Wrap-Unwrap Tool, 26 AWG		•	26	0.40	.031	0.79	.040	1.02	.750	19.05	.125	3.17
HW-UW-2829M*	Wrap-Unwrap Tool, 28-29 AWG		•	28-29	0.32-0.29	.036	0.91	.040	1.02	.750	19.05	.156	3.96
HW-UW-30*	Wrap-Unwrap Tool, 30 AWG		•	30	0.25	.027	0.69	.036	0.91	.750	19.05	.125	3.17
WDUD-26DS	DSL Wrap- Unwrap Tool Insulated	•		26	0.40	-	-	.075	1.90	1.000	25-40	.218	5.53

UNWRAPPING SIDE													
JONARD P/N	DESCRIPTION	REG	MOD	WIRE SIZE		TERMINAL HOLE DIAMETER		TERMINAL HOLE DEPTH		OUTSIDE DIAMETER			
				AWG	MM	AWG	MM	AWG	MM	AWG	MM		
HW-UW-18-19	Wrap-Unwrap Tool, 18-19 AWG	•		18-19	1.00-0.91	.075	1.90	1.000	25.40	.187	4.74		
HW-UW-20	Wrap-Unwrap Tool, 20 AWG	•		20-26	1.00-0.91	.075	1.90	1.000	25.40	.156	3.96		
HW-UW-224	Wrap-Unwrap Tool, 22-24 AWG	•		20-26	0.80-0.40	.070	1.77	1.000	25.40	.156	3.96		
HW-UW-224-1	Wrap-Unwrap Tool, 22-24 AWG	•		20-26	0.80-0.40	.070	1.77	1.000	25.40	.156	3.96		
HW-UW-224INS [†]	Wrap-Unwrap Tool, 22-24 AWG Insulated	•		20-26	0.80-0.40	.070	1.77	1.000	25.40	.156	3.96		
HW-UW-2426	Wrap-Unwrap Tool, 24-26 AWG	•		20-26	0.80-0.40	.070	1.77	1.000	25.40	.156	3.96		
HW-UW-26SM*	Wrap-Unwrap Tool, 26 AWG		•	24-32	0.50-0.20	.038	0.96	1.000	25.40	.093	2.36		
HW-UW-2829M*	Wrap-Unwrap Tool, 28-29 AWG		•	24-32	0.50-0.20	.038	0.96	1.000	25.40	.093	2.36		
HW-UW-30*	Wrap-Unwrap Tool, 30 AWG		•	24-32	0.50-0.20	.038	0.96	1.000	25.40	.093	2.36		
WDUD-26DS	DSL Wrap- Unwrap Tool Insulated	•		20-26	0.80-0.40	.070	1.77	1.000	25.40	.156	3.96		

*These tools are recommended for .025" (0.63 mm) square terminals on .100" (2.54mm) centers. A modified wrap provides 1.5 - 2 turns of insulation.

[†]Insulated handle for dielectric protection.

Hand Wrap Tools

These Hand Wire Wrapping Tools are carefully designed to produce perfect wire wrapped connections. Precision, long-lasting tools for use where occasional wraps are required or where power wire-wrapping tools are not practical. Compact and convenient.



JONARD P/N	DESCRIPTION	REG	MOD	TYPE	WIRE SIZE		MAX. TERMINAL DIAGONAL		TERMINAL HOLE DIAMETER		TERMINAL HOLE DEPTH		OUTSIDE DIAMETER	
					AWG	MM	IN.	MM	AWG	MM	AWG	MM	AWG	MM
HW-20	Hand Wrap Tool, 20 AWG	•		A	20	0.80	-	-	.075	1.90	1.000	25.40	.218	5.53
HW-224	Hand Wrap Tool, 22-24 AWG	•		A	22-24	0.65-0.50	-	-	.075	1.90	.807	20.50	.218	5.53
HW-26	Hand Wrap Tool, 26 AWG	•		A	26	0.40	-	-	.075	1.90	1.000	25.40	.218	5.53
JIC-22681	Hand Wrapping Tool	•		A	22-24	0.65-0.50	-	-	.075	1.90	.807	20.50	.218	5.53
HW-30*	Hand Wrap Tool, 30 AWG		•		30	0.25	.027	0.69	.036	0.91	.750	19.05	.125	3.17

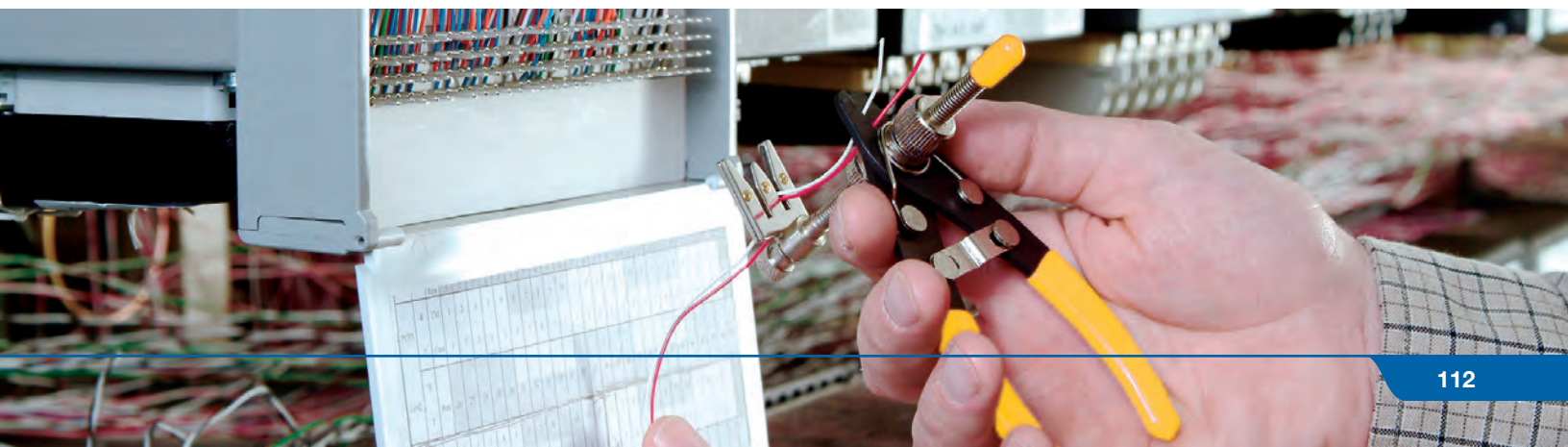
*This tool are recommended for .025" (0.63 mm) square terminals on .100" (2.54 mm) centers. A modified wrap provides 1.5 - 2 turns of insulation.

Hand Unwrap Tools

These tools are used to remove wire connections made with 20 thru 32 gauge wire.



JONARD P/N	DESCRIPTION	TYPE	WIRE SIZE		TYPE OF UNWRAP	MAX. TERMINAL DIAMETER		TERMINAL HOLE DEPTH		OUTSIDE DIAMETER	
			AWG	MM		IN.	MM	AWG	MM	AWG	MM
UD-2224	Sleeved Unwrapping Tool, 20-26 AWG	D	20-26	0.81-0.40	Left and Right Hand	.070	1.77	2.360	60.00	1.95	4.95
UW1	Unwrap Tool, 20-26 AWG	D	20-26	0.80-0.40	Left Hand	.070	1.77	1.000	25.40	.156	3.96
UW2	Unwrap Tool, 20-26 AWG	C	20-26	0.80-0.40	Left and Right Hand	.070	1.77	1.000	25.40	.156	3.96
UW4	Unwrap Tool, 20-26 AWG	B	20-26	0.80-0.40	Left Hand	.070	1.77	2.360	60.00	1.95	4.95
UW5	Unwrap Tool, 20-26 AWG	B	20-26	0.80-0.40	Left and Right Hand	.070	1.77	2.360	60.00	1.95	4.95
UW093R	Unwrap Tool, 24-32 AWG	D	24-32	0.50-0.20	Left Hand	.038	0.96	1.000	25.40	.093	2.36
UWD93-93	Unwrap Tool, 24-32 AWG	C	24-32	0.50-0.20	Left and Right Hand	.038	0.96	1.000	25.40	.093	2.36
UW2832C	Unwrap Tool, 28-32 AWG	B	28-32	0.32-0.20	Left and Right Hand	.038	0.96	.750	19.05	.156	3.96



Wrap/Strip/Unwrap Tools

Each WSU tool wraps, unwraps and even strips the appropriate wire diameter with a unique built-in stripper blade. Ideal for bench use or tool kit in all service and repair applications. In addition to versatility, convenience, and reliability, the WSU Series offers exceptional value.



JONARD P/N	DESCRIPTION	REG	MOD	WIRE SIZE		MAX. INSULATION DIAMETER		TERMINAL HOLE DIAMETER		TERMINAL HOLE DEPTH		OUTSIDE DIAMETER		SQUARE POST	
				AWG	MM	IN.	MM	AWG	MM	AWG	MM	AWG	MM	AWG	MM
WSU-24M	Wrap-Strip-Unwrap Tool, 24 AWG		•	24	0.50	.036	0.92	.075	1.90	1.50	38.1	.213	5.4	.045	1.14
WSU-26M	Wrap-Strip-Unwrap Tool, 26 AWG		•	26	0.40	.034	0.86	.075	1.90	1.50	38.1	.213	5.4	.045	1.14
WSU-30	Wrap-Strip-Unwrap Tool, 30 AWG	•		30	0.25	–	–	.036	0.91	1.50	38.1	.125	3.2	.025	0.63
WSU-30M	Wrap-Strip-Unwrap Tool, 30 AWG		•	30	0.25	.021	0.53	.036	0.91	1.50	38.1	.125	3.2	.025	0.63
WSU-2224	Wrap-Strip-Unwrap Tool, 22-24 AWG	•		22-24	0.65-0.50	–	–	.075	1.90	1.50	38.1	.213	5.4	.045	1.14



Cut-Strip Tool, 22-26 AWG - JIC-4473

Designed to cut and strip 22-26 AWG (0.65-0.40 mm diameter) wire, this tool is perfect for cutting and stripping wire to wire wrap length quickly and easily.



Replacement Blades:

- **SB-2224** Replacement Blade 22-24 AWG (included)
- **SB-2426** Replacement Blade 24-26 AWG (included)
- **SB-2830** Replacement Blade 28-30 AWG (sold separately)



Cut-Strip Tools - ST-100 Series

Designed to cut and strip wires, these cut-strip tools are the perfect tools for cutting and stripping wire for wire wrapping purposes.



JONARD P/N	WIRE SIZE		ADJUSTABLE STRIP-OFF LENGTH		REPLACEMENT BLADE
	AWG	MM	AWG	MM	
ST-100	22-24	0.65-0.50	1 5/16"-1 9/16"	33.33-39.68	SB-2224
ST-100-2426	24-26	0.50-0.40	1 15/16"-1 11/16"	39.68-42.86	SB-2426
ST-100-2830	28-30	0.32-0.25	7/8"-1 1/8"	22.22-28.57	SB-2830



WWK-1



WWK-1INS



WWK-CO

Manual Wire Wrap Tool Kits

These are complete kits for technician's working at a main distributing frame or for field service where wire wrapping is required.

- **WWK-1** Wire Wrapping Kit
- **WWK-1INS** Insulated Wire Wrap Kit
- **WWK-CO** Wire Wrap Kit Central Office



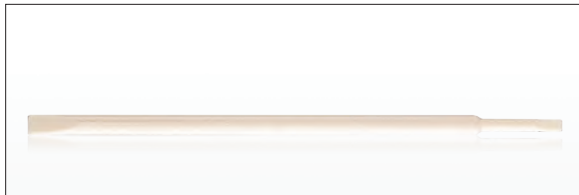
MANUAL
WIRE WRAP
TOOL KITS

Kits include:

JONARD P/N	DESCRIPTION	WWK-CO	WWK-1	WWK-1INS
G100/R3278INS	Insulated Wire Wrapping Tool	X		X
G200/R3278	Lexan® Wire Wrapping Tool		X	
H-1000	Rugged Nylon 5-Pocket Tool Pouch	X	X	X
HW-UW-224	Wrap-Unwrap Tool, 22-24 AWG		X	
JIC-21257	Telecom Long Nose Pliers	X		
JIC-22035	Probe Pick	X		
JIC-2257	Insulated Wire Loop Puller	X		
KB224	Wire Wrapping Bit, 22-24 AWG	X	X	X
P2224	Wire Wrapping Sleeve, 22-24 AWG		X	
P2224INS	Wire Wrapping Sleeve, Insulated, 22-24 AWG	X		X
ST-100	Cut-Strip Tool 22-24 AWG		X	X
UW4	Unwrap Tool, 20-26 AWG	X		X



ALIGNMENT TOOLS



Alignment Tool (Pack of 10) - AT-6241/10

2-in-1 non-conductive Alignment Tool 1/4" diameter, stepped down to 5/32" diameter. Ideal for most variable capacitors, coils and resistors. Also used to harness and separate fine wire terminals in computers, telephones and cables. Made of non-conductive thermoplastic material.



AT-6241/10



E & C Clip Setter - CS-1022

For setting and withdrawing E and C clips with inside diameter of .156" min. and thickness of .025" min. Max inside diameter of 3" and thickness of .093" One end has a hook with leaf spring tension for removing the clip, the other end has leaf spring for holding clip in position to insert.



CS-1022

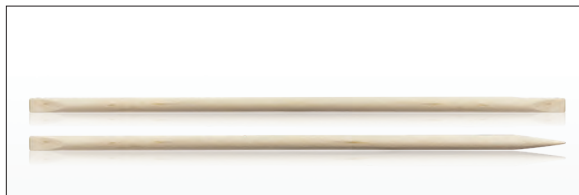


Spudger (Pack of 10) - AT-3112/10

Designed with a tapered point on one end and a screwdriver-like tip on the other, these spudgers are perfect for guiding, probing, or separating wire bundles and fine computer wire terminals without damaging them.



AT-3112/10



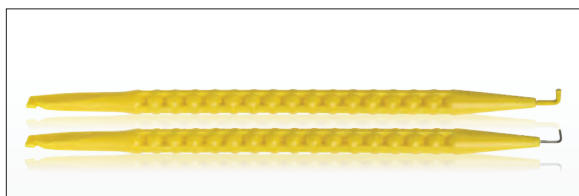
Orange Sticks

Static free double ended economical tool made of birch wood. Used for cleaning electrical components and separating contact points, fine wire and other delicate components. 3/16" diameter x 7" long. The **S-389** has one end tapered to a point and the other end to a flat screwdriver type tip. The **S-389M** has both ends tapered with a flat screwdriver type tip.



ORANGE STICKS

JONARD P/N	DESCRIPTION
S-389/10	Orange Sticks Pointed & Slotted Ends (Pack of 10)
S-389/100	Orange Sticks Pointed & Slotted Ends (Pack of 100)
S-389M/10	Orange Sticks Double Slotted Ends (Pack of 10)
S-389M/100	Orange Sticks Double Slotted Ends (Pack of 100)



Probe Picks

Tough resilient yellow nylon probe "spudger". One end is tapered to a 1/16" diameter point having an "L" shaped wire hook extension. The other end tapers to a flat, 3/16" wide and 1/16" thick, with 2 small notches. Used in electrical contacts. 7" long.



PROBE PICKS

JONARD P/N	AVOIRDUPOIS CAPACITY
JIC-22035/10	Insulated Probe Pick (Pack of 10)
JIC-22035NT/10	Uninsulated Probe Pick (Pack of 10)



Alignment Tool 5-Piece Kit - TK-AT5

This 5-piece pocket alignment tool kit contains a selection of the most popular non-conductive tools for aligning and adjusting components.



TK-AT5

Kit includes (1) each of the following:

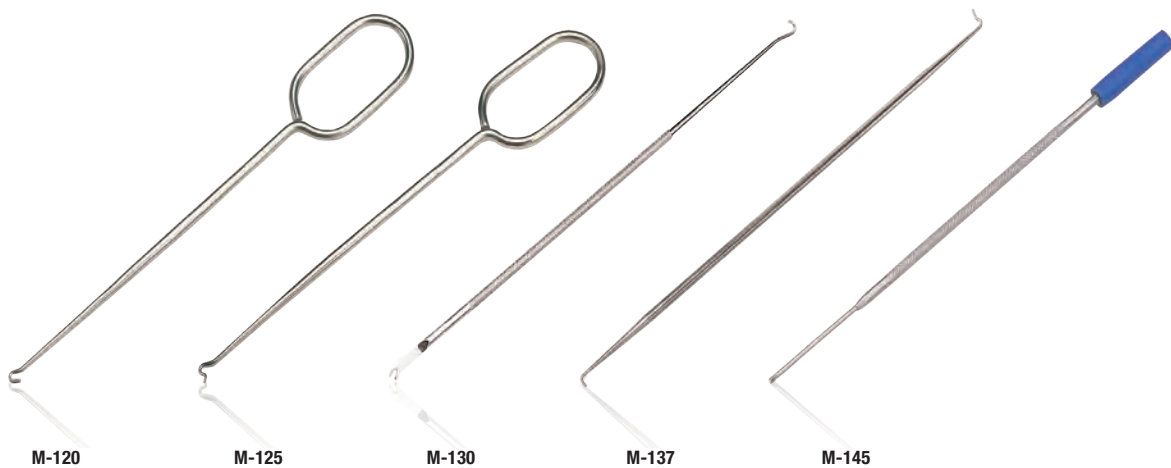
- AT-3112** Spudger
- AT-6241** Alignment Tool
- JIC-22035** Insulated Probe Pick
- S-41** 4-in-1 Mini-All-Purpose Screwdriver
- S-389** Orange Stick

Spring Hooks

Used for inserting, removing and adjusting fine springs and other small parts in tight areas. Indispensable for precision work in production and maintenance of precision products, electronics, electromechanics and even maintenance jobs. All spring hooks are tapered to a fine point. Produced of the finest quality high carbon steel with a nickel-plated finish. We will custom design Spring Hooks to meet your specific requirements.



SPRING HOOKS



JONARD P/N	DESCRIPTION	DETAILS
M-120/5	Spring Hook, Pull, 6" (Pack of 5)	Pull Hook with looped handle for maximum control
M-125/5	Spring Hook, Push, 6" (Pack of 5)	Push Hook with looped handle for maximum control
M-130/SX5	Spring Hook, Pull & Lifter (Pack of 5)	Pull Hook and lifter with a knurled grip
M-137/5	Spring Hook, Push & Pull, 7" (Pack of 5)	Push & Pull 2-Sided Hook
M-145/5	Spring Hook, Captive, 7" (Pack of 5)	Spring Loaded Hook for capturing small wires, springs, or parts and holding them



T Key Tool - JIC-719A

Ergonomic design hand grip T Key Tool made from a formed metal rod with a smooth tapered end which allows easier access. The solid pin at the end of the tool is a special heat treated alloy. The T Key is used to release the housing and door locking mechanism of the number 1A type coin telephone sets.



JIC-719A



Coin Leveling Tool - JIC-139B

Coin Leveling Tool is used for leveling coins in coin collectors when the coin receptacle becomes so full as to interfere with operation of the collector. May also be used to measure the degree of fullness by means of a calibrated scale and metal slider. 7" long.



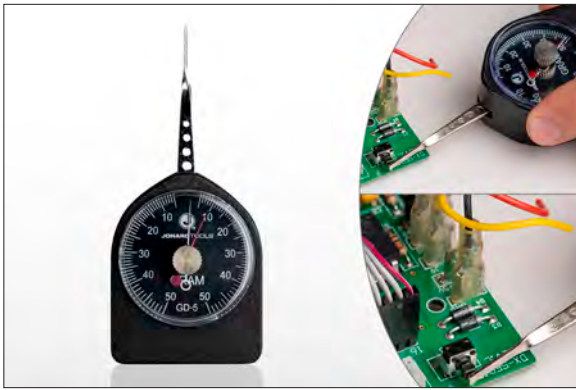
JIC-139B

FORCE GAUGES

Dynamometer and Push-Pull Force Gauges

Jonard's force gauges are all ergonomically designed and have become the industry standard for measuring force. Our 3 different lines of force gauges are used by a multitude of industries and these gauges are being used in over 1000 different applications for measuring, calibrating, standardizing, testing and evaluating.

Measurement is extremely simple. Just place point of gauge arm perpendicular to the force to be measured. Reading can be taken in both directions - clockwise and counter clockwise. Gauges offer extreme precision and durability. The measuring springs are made of hard tempered annealed beryllium copper. All gauges equipped with maximum reading pointer.



Small Force Gauges (Flat Tip, Dial Diameter 1 1/2")

JONARD P/N	RANGE IN GRAMS	GRADUATION IN GRAMS	ACCURACY
GD-1	0-10	.20	± .20
GD-3	5-35	1.00	± 1
GD-5	10-50	1.00	± 1
GD-10	20-100	2.00	± 2
GD-15	50-150	5.00	± 5
GD-25	30-250	10.00	± 10
GD-30	40-350	10.00	± 10



SMALL GAUGES

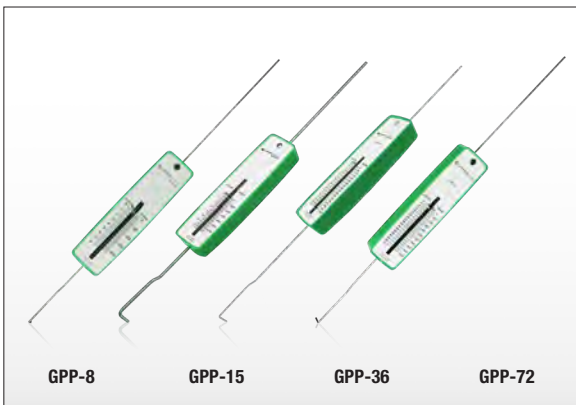


Large Force Gauges (Round Tip, Dial Diameter 2 1/2")

JONARD P/N	RANGE IN GRAMS	GRADUATION IN GRAMS	ACCURACY
GD-50	60-500	20.00	± 20
GD-100	100-1000	25.00	± 25
GD-200	300-2000	50.00	± 50
GD-400	700-4000	100.00	± 100



LARGE GAUGES



Push-Pull Economy Force Gauges

These high impact polystyrene cased instruments accurately measure push pull forces. Gauge is graduated in two scales: grams and ounces. Precision springs. Full scale accuracy is held to ± 1 graduation.

Size: 1 1/2" W x 1" D x 14" L

JONARD P/N	AVOIRDUPOIS CAPACITY	METRIC CAPACITY
GPP-8	8 oz. x 0.25 oz.	220 g x 5 g
GPP-15	15 lb. x 4 oz.	6,804 x 100 g
GPP-36	36 oz. x 0.5 oz.	1,020 g x 20 g
GPP-72	72 oz. x 1 oz.	2,025 g x 25 g



ECONOMY PUSH-PULL TENSION GAUGES

FC-65	16	FTS-240.....	52	HC-625.....	39	INS-3150	78	JIC-50210.....	70
FCC-120.....	25, 28	FTS-50.....	52	HC-715QR	39	INS-4100	78	JIC-50212.....	70
FCC-125.....	25, 28,	FTW-5	17, 28	HC-75	39	INS-475.....	62, 78	JIC-5026.....	70
	29, 32	FW-5	17, 31, 32	HC-860QR	39	INS-6150	78	JIC-600.....	65
FCC-250.....	18, 25, 28	FW-50	26, 29	HC-875.....	39	INS-8175	78	JIC-625.....	62, 64
	29, 31, 32	FWM-2214.....	17, 28	HC-RB	39	INSS-19M	79	JIC-63020.....	29, 66
FCC-300.....	25, 28, 29			HC-RBQR	39			JIC-63050.....	32, 66
FCCN-125.....	25	G		HCB-50.....	39	J		JIC-650.....	89
FCCN-250.....	25	G100-FL	108	HCB-540QR	39	JH12-100	50	JIC-683.....	66, 94
FCF-3	26, 28, 29	G100-FLA	108	HCB-625.....	39	JH21-100	50	JIC-685.....	67
FCT-100	16, 29	G100/R3278	108	HCB-715QR	39	JH32-100	50	JIC-719A	116
FCT-200	16	G100/R3278FL.....	108	HCB-75.....	39	JIC-1022.....	31, 32, 98	JIC-725.....	64
FD-220	26	G100/R3278INS	108	HCB-860QR	39	JIC-125.....	6	JIC-750.....	64
FDC-66... ..	17, 18, 26, 28		114	HDMI-100	54	JIC-139B	116	JIC-755.....	64
FDS-312... ..	8, 18, 31, 32	G100/R3394CT	108	HS-50	39	JIC-1626.....	98	JIC-7858.....	65
FIM-200.....	26, 28, 29	G200/R3278	108	HS-540QR.....	39	JIC-175.....	6	JIC-842.....	31, 32, 68
FIM-400.....	26, 29	GD-1	117	HS-625.....	39	JIC-180C	6	JIC-891.....	67, 85
FL-2000.....	14, 29, 31	GD-3	117	HS-715QR.....	39	JIC-183.....	90	JIC-950C	89
	32, 36, 75, 88	GD-5	117	HS-75	39	JIC-186... ..	14, 18, 27, 28	JIC-955.....	89
FLC-202	24	GD-10	117	HS-860QR.....	39		29, 30, 31		
FLC-1001	24	GD-15	117	HS-875.....	39		32, 94		
FLC-1005	24	GD-25	117	HS-RB	39	JIC-190.....	15	K	
FLC-1006	24	GD-30	117	HS-RBQR	39	JIC-195.....	90	KA-260	99
FLC-1007	24	GD-50	117	HSC-50.....	39	JIC-203.....	67	KB-DF224	110
FLC-3501	24	GD-100.....	117	HSC-540QR	39	JIC-2030.....	98, 104	KB-DF2426	110
FLC-3505	24	GD-200.....	117	HSC-625.....	39	JIC-2060.....	96	KB18	109
FLS-50	18	GD-400.....	117	HSC-715QR	39	JIC-21257.....	67, 114	KB2075	109
FLS-55	18	GFC-1	80	HSC-75.....	39	JIC-21257.....	67, 114	KB22	109
FNP-165	69	GPP-8	117	HSC-860QR	39	JIC-22035/10	31, 115	KB22-5	110
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	31, 32	GPP-36.....	117	HW-20	112	JIC-22148.....	67, 85, 86	KB224-1	109
FOD-RB25.....	11	GPP-72.....	117	HW-224.....	112		88, 92, 94	KB224LH.....	109
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FOR-3000RB1	11	H		HW-30	112	JIC-2257M.....	59	KB24-5	110
FP-600	71	H-20	11, 28, 29, 30,	HW-UW-18-19	111	JIC-2257M-12	59	KB2466	109
FP-600INS	79		31, 32, 82,	HW-UW-20.....	111	JIC-22681.....	112	KB26	109
FPM-50A	18		92, 97	HW-UW-224.....	111, 114	JIC-2288.....	14, 31, 32	KB26-5	110
FPM-50S.....	18	H-22	17, 18, 29, 82	HW-UW-224-1	111		36, 65	KCS-4	90
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