



# JONARD TOOLS®

## MADE FOR LIFE®

PRODUCTS APPROVED FOR

# verizon✓



### Mid Span Slit & Ring Tools

These **PATENTED** tools are designed to open fiber jackets and loose buffer tubes to provide easy access to fiber. One side of the tool slits fiber jackets and loose buffer tubes, the opposite side rings fiber jackets and loose buffer tubes.

#### Simple to use:

- Select the appropriate groove. Grooves are marked with the recommended cable size
- Place a fiber optic cable or buffer tube 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 cable
- For ring operation, use the ring side of tool and repeat steps above. Instead of pulling, rotate the tool 3-6 times to ring the cable

SPECIFICATIONS	MS-306	MS-316	MS-326	MS-426
VERIZON ID #	11367042	11367040	11367038	11367036
DESCRIPTION	Mid Span Slit & Ring Tool (1.2 mm-3.3 mm)	Mid Span Slit & Ring Tool (2.9 mm-6.8 mm)	Mid Span Slit & Ring Tool (5 mm-10 mm)	Mid Span Slit & Ring Tool (5.8 mm-12 mm)
NO. OF PRECISION GROOVES	12 (6 Slitting, 6 Ringing)	10 (5 Slitting, 5 Ringing)	10 (5 Slitting, 5 Ringing)	8 (4 Slitting, 4 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	5.0-5.6, 6.0-6.6, 7.2-7.8, 7.8-8.4, 9.4-10	5.8-6.4, 7.8-8.4, 9.8-10.4, 11.2-12
REPLACEMENT CARTRIDGE	MS-306RB	MS-316RB	MSB-5010	MS-426RB

Note: **MS-326** is designed for cables used in ducts and microducts.



#### Replacement Cartridges

JONARD PART #	VERIZON ID #	DESCRIPTION
MS-306RB	11367041	Replacement Blades for MS-306
MS-316RB	11367039	Replacement Blades for MS-316
MSB-5010	11367037	Replacement Blades for MS-326
MS-426RB	11367035	Replacement Blades for MS-426



### 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 are marked with the recommended cable size
- Place a fiber optic cable or buffer tube 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 cable

SPECIFICATIONS	MS-6	MS-26
VERIZON ID #	11367046	11367044
DESCRIPTION	Mid Span Slitter (1.2 mm-3.3 mm)	Mid Span Slitter (2.9 mm-6.8 mm)
NO. OF PRECISION GROOVES	6	5
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
REPLACEMENT CARTRIDGE	MSB-1533	MSB-2968



#### Replacement Cartridges

JONARD PART #	VERIZON ID #	DESCRIPTION
MSB-1533	11367045	Replacement Blades for MS-6
MSB-2968	11367043	Replacement Blades for MS-26



#### Fiber Optic Drop Cable Slitter - FOD-2000 [Verizon ID #: 11099708]

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. Replacement Blades **FOD-RB25** can be purchased separately.



#### Fiber Optic Stripper, Three Hole - JIC-375 [Verizon ID #: 10858224]

Performs all common fiber stripping functions. Strips the 1.6 mm-3 mm fiber jacket, 600-900 micron buffer coating, and 250 micron coating down to expose the 125 micron glass fiber.



#### Wire & Kevlar® Cutting Shears - JIC-186 [Verizon ID #: 10858161]

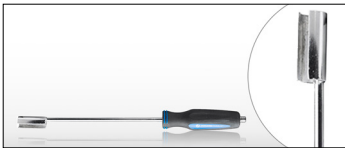
The Jonard Tools JIC-186 Wire and Kevlar® Cutting Shears are designed to cut Kevlar®, cabling insulation, tape, cable ties, and other materials with ease.



### 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 nuts and bolts. 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.

SPECIFICATIONS	ASW-12	ASW-716	ASW-916
VERIZON ID#	11072665	11072664	11072663
DESCRIPTION	Angled Head Speed Wrench 1/2"	Angled Head Speed Wrench 7/16"	Angled Head Speed Wrench 9/16"
SIZE	1/2" (12.7 mm)	7/16" (11.11 mm)	9/16" (14.29 mm)



### F Connector Tool 12" - RF-12 [Verizon ID #: 11314233]

Designed to provide easy access to connectors, perfect for installing or removing F and BNC connectors in high-density locations. Overall length is 12" and head size is 7/16."



### Security Shield Tool 7/16" - SST-716 [Verizon ID #: 11312435]

Designed to be used on 7/16" hex shielded F connectors, this security shield tool is perfect for use with torque wrenches to lock security shields onto connectors.



### 3/4" COAX Cable Cutter - JIC-750 [Verizon ID #: 11316976]

Jonard's cable cutters are made of chrome vanadium steel with induction-hardened cutting edges for maximum strength and durability. These cable cutters, also known as Banana Cutters are designed to cleanly cut up to 3/4" hard line coaxial cable and larger fiber cables without compressed or frayed ends.



### Trap And Security Combo Tool - TTS-716 [Verizon ID #: 11312436]

Two tools in one, 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. (The security wrench fits all metal 7/16" hex fittings and uses 2 prong termination style.)



### Round Cable Strip & Ring Tool - CST-1900 [Verizon ID #: 11371656]

The **PATENTED** CST-1900 Round Cable Strip & Ring Tool is designed for fast and precise removal of cable jackets from round cables that are 3/16" to 1 1/8" (4.5 mm to 29 mm) in diameter. Stripping mechanism provides a "spiral stripping mode" to strip and remove tough insulations. Replacement Blade **CST-7915 [Verizon ID #: 11371655]**


**TWAF-71620**
**F Connector Torque Wrench, Full Head 7/16", 20 in-lb - TWAF-71620**

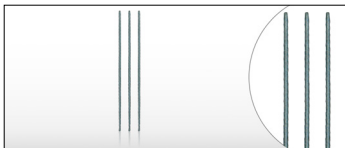
Designed for 7/16" F Connectors, this full-size open head torque wrench provides a perfectly calibrated amount of torque to prevent damage from over-tightening or signal loss from under-tightening. This torque wrench features the following:

- Provides a snug fit when used on 7/16" F Connectors
- Ergonomically designed with an angled head and cushion grip for maximum leverage and comfort
- Calibrated to 20 in-lb (2.26 N-m) to consistently meet most manufacturers' recommended torque requirements for their F Connectors
- Audible click lets you know when the connector is fully torqued to 20 in-lb
- Made of High Carbon Steel with a Black Oxide finish for maximum durability
- Lifetime Warranty

SPECIFICATIONS	TWAF-71620
VERIZON ID #:	11314234
TORQUE	20 inch-lb (2.26 N-m)


**Flaring & Insertion Tool - FT-6 [Verizon ID #: 11324706]**

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. Alleviates the bunching of aluminum foil behind the connector, providing easy F connector installation.


**Replacement Rods for PB-3R (Pack of 25) - B-3R/25 [Verizon ID #: 11064017]**

Removes the oxide layer or corrosion off contacts without leaving filings or debris. Includes (25) Round 0.020" diameter replacement rods for PB-3R Pocket Burnisher.


**Terminator Tool - TT-PPLT4 [Verizon ID #: 11314231]**

Designed for use with PPLT Series locking terminators, specifically the PPLT-75 and PPLT-LR, this terminator tool is perfect to minimize problems related to theft and tool breakage. Ideal 0.218" plunger diameter sized to accommodate PPLT locking terminators.


**Compression Tool Fixed - Long Style F Connectors - CTF-200 [Verizon ID #: 11316977]**

The Jonard Tools Fixed Design Long Compression Tool is designed for use on long style F connectors, such as the PPC EXXLWS Aquatight or EX-XL connectors. The tool is ideal for installing CATV network cables.


**Terminator Tool with Prongs, 9" - TT-7V [Verizon ID #: 11314232]**

Designed for use on Viewsonics 2 and 3 prong terminators as well as other locking terminators, this terminator tool has an ergonomically designed handle for enhanced grip and superior leverage.



UST-125



UST-1596

### COAX Stripping Tools - UST-125 & UST-1596

The UST Series creates a two step strip on a multitude of cables. These tools include a Velcro® strip for folding back the braided shield of the cable. Cartridge blades are interchangeable and capable of making over 5,000 cuts.

SPECIFICATIONS	UST-125	UST-1596
VERIZON ID #:	11316973	11316975
DESCRIPTION	Coax Stripping Tool For RG59/6 & 7/11 With Cable Stop	Coax Stripping Tool With Twin RG59/6 Blade
CABLE SIZE	RG59/6, 7/11	RG59/6
CARTRIDGE	UST-225 Blade for RG59/6 & 7/11 With Cable Stop	UST-210 RG59/6 Twin Blades with Cable Stop



UST-210



UST-225

### Replacement Blade Cartridges for UST Series - UST-210 & UST-225

SPECIFICATIONS	UST-210	UST-225
VERIZON ID #:	11316974	11316972
CABLE SIZE	RG59 and RG6 w/stop	RG59 and RG6, RG7 and RG11 w/stop



### Cabinet Slotted Screwdriver, 5/16" x 6" - SDC-5166 [Verizon ID #: 11369387]

Made with an S2 steel shank and a chrome finish for exceptional strength and long life. Tip is cabinet slotted for easier access to hard-to-reach places.



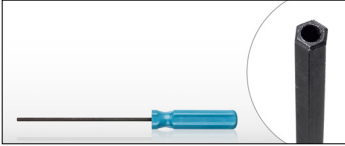
### Wire Stripper 10-22 AWG - JIC-1022 [Verizon ID #: 11042806]

Designed to cut and strip the most commonly used stranded and single conductors, this wire stripper is the perfect tool for cutting and stripping wires 10 to 22 AWG (2.60 mm-0.64 mm) as well as 2 to 3 mm fiber jackets.



**T Handle Security Wrench 5/16" - BW-516**  
**[Verizon ID #: 11317021]**

Designed for use on tamper-proof cross-connect cabinets, MESA closures, and CATV closures, this security wrench is the perfect tool to use when dealing with 5/16" hex tamper-proof fasteners.



**Booth Wrench, 6" - BW-532 [Verizon ID #: 11031306]**

Designed for use on communication and pedestal boxes, this booth wrench is perfect for opening 5/32" hex tamper-proof fasteners.



**Ergonomic Can Wrench, Round - M-216C/REX**  
**[Verizon ID #: 11012027]**

Designed to fit over long binding posts, this can wrench is the perfect tool for opening telephone box fasteners and tightening nuts on binding-post terminals. 7/8" diameter impact-resistant thermoplastic handle is ergonomically designed and color-coded orange.



**Quick Clip Insertion Tool - JIC-950C**  
**[Verizon ID #: 11107876]**

Designed to cut and insert 22 AWG and 24 AWG (0.65 mm and 0.51 mm diameter) gauge wire into terminal blocks, this multipurpose wire insertion tool is the perfect tool for performing several critical functions for wire insertion. Hook on back of unit is used for jumper and back-tap removal. Replacement Blade **JIC-955 [Verizon ID #: 11107875]**.



**Cable Slit & Ring Tool - JIC-4366 [Verizon ID #: 11052506]**

Designed to slit and ring many types of tight buffer, loose tube buffer, breakout cables, and other types of jacketed fiber cables, this tool is perfect for any fiber technician. Ringer portion of the tool cuts through plastic, rubber, or fabric insulation sheathing with 0.031" (0.787 mm) or 0.018" (0.457 mm) thickness. Ringer can be used on 3/16"-1/2" (4.7 mm-12.7 mm) diameter cables.

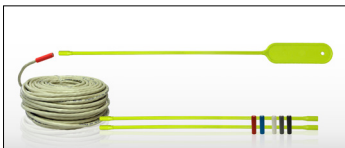
**RB-2060/6** - pack of 6 replacement blades for the radial/ring cut

**RB-2878/6** - pack of 6 replacement blades for the longitudinal/strip cut



**Linesman B Wrench - JIC-650 [Verizon ID #: 87073457]**

Designed with two open-ended wrench heads and an oval hole for turning pole steps, this lineman's wrench is perfect for telecom and datacom work applications. Large end of the wrench accommodates 5/8" and 3/4" bolts to NEMA standards. Small end of the wrench accommodates 3/8" bolts, 1/2" bolts, and 1/2" drive screw heads to NEMA standards.



**Magmamole Cable Guide Kit - MM-800**  
**[Verizon ID #: 11072668]**

Wire Fishing Made Easy! 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. Magmamole Replacement Magnets R/G - **MM-110 [Verizon ID #: 11072667]** Magmamole Replacement Magnets White-Gray-Black - **MM-120 [Verizon ID #: 11072666]**



**EPD Series Punchdown Tools - EPD-914**  
**[Verizon ID #: 11283887]**

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

**Features include:**

- Hi/Lo impact settings (Hi: 40 lb / 178 N, Lo: 30 lb / 133 N)
- Combination Hook/Spudger stored in the chasis
- Color coded body is half yellow (cut side) and half blue for ease of use
- Enlarged blade storage compartment for easy storage
- Tested up to 100,000 cycles at high impact setting, ensuring long life during use
- Compatible with all our EPB-series blades and other similar brands (sold separately)
- Lifetime Warranty

**Punchdown Tool Kits**

JONARD PART #	VERIZON ID #	DESCRIPTION	EPD-914	EPB-66	EPB-110
EPD-91466	11283893	Punchdown Tool with 66 Blade	X	X	
EPD-914110	11283892	Punchdown Tool with 110 Blade	X		X

**Punchdown Tool Blades**

JONARD PART #	VERIZON ID #	DESCRIPTION
EPB-66	11283888	66 Blade With & Without Cutter
EPB-110	11283889	110 Blade With & Without Cutter
EPB-116	11283891	66 & 110 Blade Combined With Cutter
EPB-KRONE	11283890	Krone Blade Scissor Style



**Telescoping Pole (18 Feet) - RDT-18K [Verizon ID #: 11321547]**

Designed to extend a full 18 feet (5.58 meters) while providing more control and accuracy than its competitors, this telescoping pole is perfect for installing or retrieving cables in drop ceilings or other hard to reach places. Collapses to 33" and weighs less than 3 lb.



**Short Nose B Type Pliers - BSHORTNOSE**  
**[Verizon ID #: 576486]**

Designed to strip 22-24 AWG wire with ease by having one jaw relieved to skin insulation from wire. Insulation crushing slot conveniently located in nose. Inner surfaces of the narrowed jaws are serrated to grip wire tightly. Ergonomically designed handle with dipped plastic grip for greater comfort and torque.

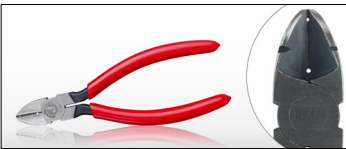
Jaw Length: 1-1/2" (38.10mm), Overall Length: 6-1/2" (165.1mm)



**Telecom Long Nose Pliers - JIC-21257**  
**[Verizon ID #: 11004641]**

Jonard's long nose pliers are made of heat treated chrome vanadium steel with induction-hardened cutting edges for maximum strength and durability. Side cutting edges, crushing slot, 0.030" stripping hole for 22 AWG wire, and thin knurled nose to facilitate handling of wire at central office terminals.

Jaw Length: 1-7/8" (47.63 mm), Overall Length: 6-7/8" (174.623 mm)



**Telecom Diagonal Cutter Pliers - JIC-7858**  
**[Verizon ID #: 11001326]**

Jonard's diagonal cutting pliers are made of polished chrome vanadium steel and are heat-treated for maximum strength and durability. 0.030" and 0.045" stripping holes, crusher, and two V-shaped stripping notches on the edges.

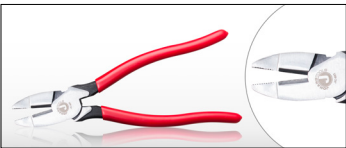
Jaw Length: 7/8" (22.23 mm), Overall Length: 6-1/4" (158 mm)



**Semi-Flush Cut Pliers - JIC-453**  
**[Verizon ID #: 11174651]**

Made of heat treated chrome vanadium steel with induction-hardened cutting edges for maximum strength and durability. Close cut design can be used to trim conductors from 710 connector modules without leaving exposed conductors. Ideal for close trimming of gates and sprue on injection molded plastic parts.

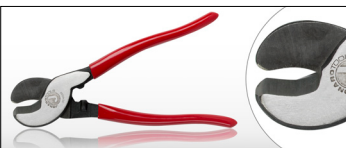
Jaw Length: 5/8" (15.88 mm), Overall Length: 4-1/2" (114 mm)



**Lineman's Side Cut Pliers - JIC-683**  
**[Verizon ID #: 87073455]**

Jonard's lineman's pliers are made of heat treated chrome vanadium steel with induction-hardened cutting edges for maximum strength and durability. Ability to cut easily through bolts, nails, ACSR, and many gauges of high strength wire.

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



**High Leverage Cable Cutter - JIC-63050**  
**[Verizon ID #: 11031676]**

High leverage design for superior cutting ability. Designed with a shear-type jaw for easily cutting through aluminum, copper, and 100-pair 24 AWG cable. Not for use on steel or ACSR type cables.

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



**Connector-Crimper Pliers - JIC-891**  
**[Verizon ID #: 11060574]**

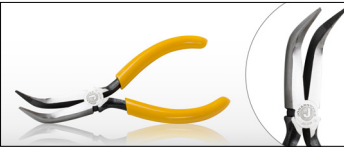
Designed to press UR/UU/UG, 709 series connectors, crimping "B" type connectors, and AMP Tel-Splice connectors. Utilized on combinations of plastic and pulp insulated 19, 22, 24, and 26 copper conductors as well as 20 gauge plastic insulated copper steel wire.

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



**Combo Crimper, Long Nose Pliers - JIC-22148**  
[Verizon ID #: 11073234]

5-in-1 tool: crimper for UR/UU/UG, AMP Tel-Splice connectors, 709 series connectors, crimping "B" type connectors, and long nose pliers. Tool includes crusher, cutter, and 0.030" stripping hole.  
Jaw Length: 1-7/8" (47.63 mm), Overall Length: 6-7/8" (174 mm)



**Curved Long Nose Pliers - JIC-3026**  
[Verizon ID #: 11182647]

Nose is bent 70° for maximum visibility. Used in confined areas. Design includes knurled jaws for sure wrapping and looping. Comfortable ergonomic plastic handles.  
Jaw Length: 1-7/8" (47.63mm), Overall Length: 6-7/8" (174 mm)



**Long Nose and Side Cutting Pliers - JIC-842**  
[Verizon ID #: 11001325]

Made of heat treated chrome vanadium steel with induction-hardened cutting edges for maximum strength and durability. Ability to grip small wires and parts in tight spaces. Knurled and serrated jaws for maximum grip side cutting blades. Ergonomically designed handle with dipped plastic grip for greater comfort and torque.

Jaw Length: 5/8" (15.88 mm), Overall Length: 6 3/4" (171 mm)



**Long Nose and Side Cutting Pliers - KS21257L3**  
[Verizon ID #: 402048888]

Side cutting edges, crushing slot, 0.030" stripping hole for 22 AWG wire, and thin knurled nose to facilitate handling of wire while working on terminals. Ergonomically designed handle with dipped plastic grip for greater comfort and torque. Side-cutting blades on jaw cut wire with ease.

Jaw Length: 1 1/2" (3.81 cm), Overall Length: 6 1/2" (16.5 cm)



**Heat Coil Pliers - PLS-5 [Verizon ID #: 11035727]**

Designed for installing and extracting heat coils, fuses, and other cylindrical shaped components. The thin nosed jaw allow easy access to tight spaces.  
Jaw Length: 1-13/16" (46.04 mm), Overall Length: 5" (127 mm)



**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.

SPECIFICATIONS	JIC-5026	JIC-50210	JIC-50212
Verizon ID #:	11174652	11073235	11182648
# OF POSITIONS	4	6	7
LENGTH	6" (152 mm)	10" (254 mm)	12" (305 mm)

### Adjustable Wrenches



Wrenches made of chrome vanadium steel with a chrome plated finish. Wrenches are forged and heat treated for greater strength. For accurate and faster adjustments use the metric or English scales on either side of the jaws. With extra wide jaws, a smaller wrench works on bigger jobs. Great for tight spaces.

SPECIFICATIONS	AW-6	AW-8	AW-10	AW-12
<b>Verizon ID #:</b>	11316686	11316685	11316684	11312961
<b>JAW CAPACITY</b>	15/16" (24 mm)	1-1/8" (29 mm)	1-5/16" (33 mm)	1-1/2" (38 mm)
<b>OVERALL LENGTH</b>	6" (152 mm)	8" (203 mm)	10" (254 mm)	12" (305 mm)



### Tabbing Shears - TS-850 [Verizon ID #: 11316687]

Ideal for longitudinal cuts in cable sheath and metallic shield for placement of inner sheath bond clamps. Precision ground cutting blades allow for easier cutting a volute spring provides for easy opening and closing. Latch on the jaw to keep handles closed when not in use. Overall Length: 8-1/2" (216 mm)



### 7 Piece Nut Driver Set - ND-631 [Verizon ID #: 11182993]

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
<b>VERIZON ID #:</b>	11182999	11182994	11182997	11182998	11182995	11182996	11183000
<b>DRIVER SIZE</b>	11/32" (8.73 mm)	1/2" (12.7 mm)	1/4" (6.35 mm)	3/16" (4.763 mm)	3/8" (9.53 mm)	5/16" (7.94 mm)	7/16" (11.11 mm)
<b>COLOR CODE</b>	Green	Red	Red	Blue	Blue	Yellow	Yellow



#### Wire Extractor - M-724A [Verizon ID #: 87018533]

Designed for removing wire from quick-connect clips and 66 & 110 terminal blocks, this wire extractor is simple. Easy to use on quick-connect clips and 66 & 110 terminal blocks. Solid metal construction with insulated handle for high durability and safety.



#### Pocket Burnisher with (6) Flat 0.007" Blades - PB-7 [Verizon ID #: 11064018]

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. Blade length and rigidity is adjustable by varying the depth of the blade in the chuck. Removes the oxide layer or corrosion off contacts without leaving filings or debris. Includes (6) Flat 0.007" Blades, stored in the opposite end of the pen.



#### Pocket Burnisher with (6) Flat 0.0035" Blades - PB-3 [Verizon ID #: 570668]

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. Blade length and rigidity is adjustable by varying the depth of the blade in the chuck. Removes the oxide layer or corrosion off contacts without leaving filings or debris. Includes (6) Flat 0.0035" Blades, stored in the opposite end of the pen. Replacement Blades for PB-3 (Pack of 25) - B-3/25 [Verizon ID #: 11064019]



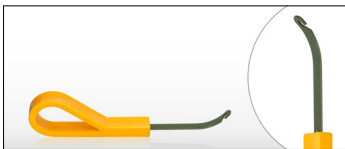
#### Lamp Extractor - S-339 [Verizon ID #: 100753904]

Designed to remove and insert miniature lamps with bayonet-style bases in panels and switchboards, this lamp extractor gently yet firmly grasps lamps for easy insertion or extraction. Return spring on the grasp lever makes lamp insertion and extraction quick and easy. Grasp is limited to 5/16" to prevent accidental shorts.



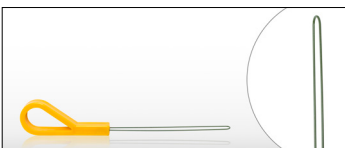
#### Metal Wire Loop Puller, 12" Loop Length - JIC-2257M-12 [Verizon ID #: 11035726]

Metal Wire Loop Puller facilitates pulling wire through terminal blocks, rings on main frames, or fanning strip holes.



#### Cable Sewing Needle, Insulated - JIC-3209 [Verizon ID #: 11101042]

Designed to harness or lace multiple lead bundles quickly and easily. Curved notched sewing needle harnesses or laces multiple lead bundles. Made from durable spring steel with xylan insulated coating. Lightweight insulated grip handle for increased comfort and shock resistance.



#### Metal Wire Loop Puller, 12" Loop Length - JIC-2257 [Verizon ID #: 401459599]

Lightweight plastic handle has a comfortable grip and is easy to hold in your hand. Designed to pull wire through terminal blocks, rings on main frames, and fanning strip holes. Used in the Jonard Tools **WWK-CO** Wire Wrap Kit.



**Cabinet Slotted Screwdriver, Fiber ONT - SD-63**  
[Verizon ID #: 87073459]

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. Concave swivel knob fits fingers perfectly and hexagonal shape prevents rolling.



**Phillips Screwdriver, #3 x 24" - SD-243**  
[Verizon ID #: 11054925]

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 with a matte finish for exceptional strength and long life. This Phillips Screwdriver complies with ASME B107.600 and ISO 2380 standards. Overall Length: 27" (685 mm)

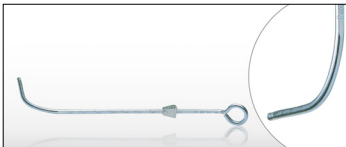


**Smart Phone & Tablet Repair Tool Kit - TK-19**  
[Verizon ID #: 11288017]

This product is a repair tool kit for opening and repairing all series of smartphones and tablets including iPhone, Android, iPad, iMac, MacBook, Dell XPS, and many more. This kit contains all the tools you need to take apart these highly specialized electronic devices and also repair or replace broken screens.

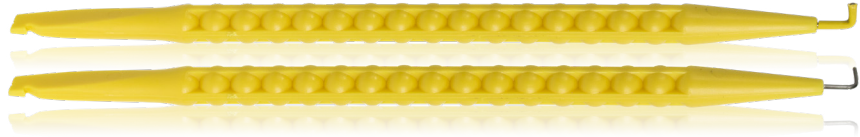
**Kit includes:**

- 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



**Coin Leveling Tool - JIC-139B**  
[Verizon ID #: 100750744]

This 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. Tool is 7" long.



**Probe Picks**

Resilient yellow nylon probes also known as "spudgers." One end is tapered to a 1/16" diameter point having an "L" shaped wire hook extension. The other side tapers to a flat end, 3/16" wide and 1/16" thick, with 2 small notches. Used in electrical contacts. Tool is 7" long.

JONARD PART #	VERIZON ID #	DESCRIPTION
JIC-22035/10	11072049	Insulated Probe Pick Pkg of 10
JIC-22035NT/10	11072048	Uninsulated Probe Pick Pkg of 10



DFB224



PTX-BC1



**Battery Wire Wrap Tools**

The **PATENTED** and ergonomic 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. Their rugged construction and high speed motors make the tools suitable for electronic assembly work and many other wire wrapping applications. These wire wrap tools function at 115 V with a 3700 RPM motor. All Jonard battery wire wrap tools operate with a 3.6 Volt NiMH Battery.

JONARD PART #	VERIZON ID #	DESCRIPTION	WEIGHT
PTX-KIT1	11014523	PTX Tool, 115V Battery Charger, 2 Batteries	3.15 lb (1.42 kg)
PTX-KIT1DH	925981	PTX Tool, DFB224, 115V Battery Charger, 2 Batteries, H-1000	3.44 lb (1.56 kg)
PTX	11014522	Battery Powered Wrap/Unwrap Tool	1.13 lb (0.51 g)
PTX-B	11014521	PTX Battery For Wrap/Unwrap	0.39 lb (0.18 kg)
PTX-BC1	11014520	PTX Battery Charger, 115V	0.77 lb (0.35 kg)
H-1000	87057438	Rugged Nylon 5 Pocket Tool Pouch	0.167 lb (76 g)



**Electric Wire Wrap Tools**

JONARD PART #	VERIZON ID #	DESCRIPTION	WEIGHT
PTX-1	11014979	Electric Wrap/Unwrap Tool, 115V	1.20 lb (0.54 kg)
PTX-1BF	401849609	Electric Wrap/Unwrap Tool W/Backforce, 115V	2.00 lb (0.90 kg)



**G100/R3278**

**G100/R3278FL**

**G100/R3278INS**

**G200/R3278**

**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 PART #	VERIZON ID #	DESCRIPTION
<b>G100/R3278</b>	402168090	Non-Insulated Aluminum Wire Wrapping Tool
<b>G100/R3278FL</b>	11030918	Insulated Aluminum Wire Wrapping Tool with Flashlight
<b>G100/R3278INS</b>	87057428	Insulated Aluminum Wire Wrapping Tool
<b>G200/R3278</b>	86253352	Wire Wrapping Tool with Lexan® Housing



**LED Flashlight Kit For G100 Tools - G100-FL [Verizon ID #: 11074329]**

This flashlight is perfect for providing task lighting in dimly lit areas. Mounted on a metal bracket for easy installation and maximum durability. Flashlight is positioned properly for both 3" and 5" bits so no adjustments are needed. Compatible with **G100/R3278INS [Verizon ID #: 87057428]**



**Manual Wire Unwrapping Tool - G100/R3394CT [Verizon ID #: 11006056]**

Designed for unwrapping 20-26 AWG (0.80 mm-0.40 mm) wire using unwrap set **PUW2226 [Verizon ID #: 11006057]**, this tool is perfect for unwrapping wire quickly and easily. Provides 10 revolutions per squeeze of the trigger for fast wire unwrapping. Rugged aluminum housing provides great durability.

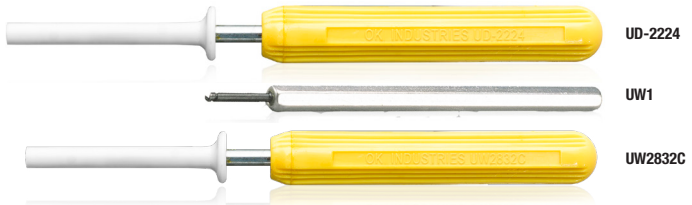


**Hand Wrap Tools**

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 PART #	VERIZON ID #	DESCRIPTION
HW-20	11014987	Wrap Tool, 20 AWG, Silver Handle
HW-30*	11044380	Wrap Tool, 30 AWG, Red Handle
WDI-2426	100754779	Wrap Tool, 26 AWG, 24-26 AWG, Insulated Sleeve

\*This tool is 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 - 26 gauge wire.

JONARD PART #	VERIZON ID #	DESCRIPTION
UD-2224	87057274	Unwrap Tool, 20-26 AWG, Left Hand, Yellow Handle
UW1	11030919	Unwrap Tool, 20-26 AWG, Left Hand
UW2832C	11044381	Unwrap Tool, 28-32 AWG, Left or Right Hand, Yellow Handle



**Combination Hand Wrap & Unwrap Tools**

JONARD PART #	VERIZON ID #	DESCRIPTION
HW-UW-224	11035725	Wrap or Unwrap Tool, 22-24 AWG, Silver Handle
JIC-22681	402982458	Wrap or Unwrap Tool, 22-24 AWG, Red Handle
WDUD-26DS	11015515	Wrap or Unwrap Tool, Wraps 26 AWG, Unwraps 20-26 AWG, Insulated Handle


**WSU-2224**
**WSU-24M**
**WSU-26M**

### 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 all service and repair applications. In addition to versatility, convenience, and reliability, the WSU Series offers exceptional value. Works for terminal hole diameters 0.075" (1.90 mm).

JONARD PART #	VERIZON ID #	DESCRIPTION	REG	MOD	WIRE SIZE		MAX. INSULATION DIAMETER	
					AWG	MM	IN.	MM
<b>WSU-2224</b>	87220150	Wrap-Strip-Unwrap Tool, 22-24 AWG	•		22-24	0.65 - 0.50	-	-
<b>WSU-24M</b>	87220150	Wrap-Strip-Unwrap Tool, 24 AWG		•	24	0.50	.036	0.92
<b>WSU-26M</b>	11028960	Wrap-Strip-Unwrap Tool, 26 AWG		•	26	0.40	.034	0.86



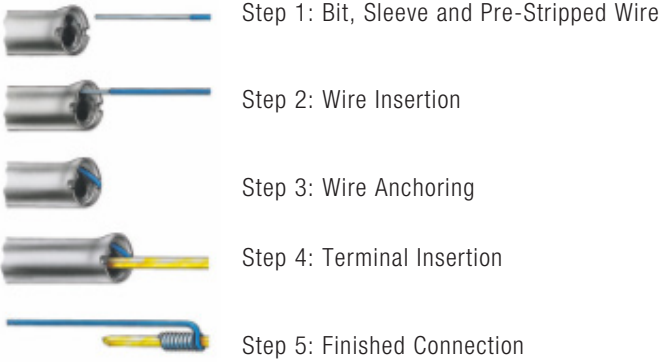
### 3" Wire Wrap Bits & Sleeves

Fully compatible with any make or model wrapping tool. Modified bits provide an additional 1 ½" turns of insulated wire to the wrap.

WIRE GAUGE	REG	MOD	BIT PART #	SLEEVE PART #
18 AWG (1.00 mm)	•		<b>KB18</b>	<b>P194LN</b> [Verizon ID #: 11014981]
20-22 AWG (0.65 mm-0.80 mm)	•		<b>KB2075</b>	<b>P194LN</b> [Verizon ID #: 11014981]
22 AWG (0.65 mm)	•		<b>KB22</b> [Verizon ID #: 11044379]	<b>P2224</b> [Verizon ID #: 11044115]
26 AWG (0.40 mm)	•		<b>KB26</b>	<b>P2426</b> [Verizon ID #: 316253] and <b>P2426INS</b>
22 AWG (0.65 mm)		•	<b>WB2275M</b>	<b>P2224</b> [Verizon ID #: 11044115]
22-24 AWG (0.50 mm-0.65mm)	•		<b>BW-2224</b> [Verizon ID #: 87018535]	<b>SW-2224</b> [Verizon ID #: 11061012]
22-24 AWG (0.50 mm-0.65mm)	•		<b>KB224LH</b>	<b>P2224</b> [Verizon ID #: 11044115]
22-24 AWG (0.50 mm-0.65 mm)	•		<b>KB224-1</b>	<b>P2224</b> [Verizon ID #: 11044115]
22-24 AWG (0.50 mm-0.65 mm)	•		<b>KB224</b> [Verizon ID #: 11044378]	<b>P2224</b> [Verizon ID #: 11044115]
22-24 AWG (0.50 mm-0.65 mm)		•	<b>WB224M</b>	<b>P2224</b> [Verizon ID #: 11044115]
24 AWG (0.50 mm)		•	<b>WB24DH</b>	<b>P2224</b> [Verizon ID #: 11044115]
24-26 AWG (0.40 mm-0.50 mm)		•	<b>WB2426M</b> [Verizon ID #: 11028959]	<b>P2224</b> [Verizon ID #: 11044115]
24-26 AWG (0.40 mm-0.50 mm)	•		<b>KB2466</b> [Verizon ID #: 87212729]	<b>OK8519</b> [Verizon ID #: 11014983]
24 AWG (0.50 mm)		•	<b>WB24SM*</b>	<b>P3032LN</b> [Verizon ID #: 11028958]
26 AWG (0.40 mm)		•	<b>WB26SM*</b> [Verizon ID #: 11014985]	<b>P26LN</b>
26 AWG (0.40 mm)		•	<b>KB24</b> [Verizon ID #: 11044378]	<b>P2426</b> [Verizon ID #: 316253]
28 AWG (0.32 mm)		•	<b>WB28SHM</b> [Verizon ID #: 11014986]	<b>P3032INS</b> [Verizon ID #: 11014980]
30 AWG (0.25 mm)		•	<b>SB30MSH-B</b> [Verizon ID #: 11014982]	<b>P3032</b> and <b>P3032INS</b> [Verizon ID #: 11014980]
30-32 AWG (0.20 mm-0.25 mm)		•	<b>WB3032M*</b> [Verizon ID #: 11014984]	<b>P3032</b>

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

## How to Make Wire Wrapped Connections



### Unwrap Bit & Sleeve Set

Compatible with the PTX series and the **G100/R3394CT** [Verizon ID #:11006056]

JONARD PART #	VERIZON ID #	DESCRIPTION	WIRE SIZE	
			AWG	MM
PUW2226	11006057	Set includes the <b>2026UB</b> [Verizon ID #: 11014991] Bit and <b>SOK2230</b> [Verizon ID #: 11014990] Sleeve	20-26	0.80-0.40



### Wrap/Unwrap Bit & Sleeve Sets

Combine both wire wrapping and unwrapping functions into one bit/sleeve set! Compatible with PTX series.

JONARD PART #	VERIZON ID #	DESCRIPTION	WIRE SIZE	
			AWG	MM
DFB224	87057519	Set includes the <b>KB-DF224</b> Bit and the <b>P-DF224</b> Sleeve	22-24	0.65-0.50
DFB2426	11183459	Set includes the <b>KB-DF2426</b> Bit and the <b>P-DF2426</b> Sleeve	24-26	0.50-0.40
SW-2426	11015514	Set includes the <b>KB24</b> Bit [Verizon ID #: 11044378] and the <b>SW-2426</b> Sleeve	24	0.50



**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-reach locations. Available with or without insulation. These bits and sleeves provide a regular wrap.

BIT PART #	INSULATED SLEEVE PART #	UNINSULATED SLEEVE PART #	WIRE SIZE	
			AWG	MM
KB22-5 [Verizon ID #: 87209517]	P2224-5INS [Verizon ID #: 87057245]	P2224-5 [Verizon ID #: 87216555]	22	0.65
KB24-5 [Verizon ID #: 87057246]	P2426-5INS [Verizon ID #: 11015513]	P2224-5 [Verizon ID #: 87216555]	24	0.50
KB26-5 [Verizon ID #: 87201920]	P2426-5INS [Verizon ID #: 11015513]	P2224-5 [Verizon ID #: 87216555]	26	0.40



**Cut-Strip Tool, 22-24 AWG - ST-100**  
[Verizon ID #: 87201923]

Designed to cut and strip off 5/16" to 9/16" length of wire, this cut-strip tool is the perfect tool for cutting and stripping 22-24 AWG (0.65 mm-0.50 mm) wire for wire wrapping purposes. Easy operation: place wire (up to 4 at once) in stripping slot, press the tool, and pull the wire(s). Dual tempered spring steel blades ensure clean nick-free cutting on 22 & 24 AWG wire.



**Cut-Strip Tool, 22-26 AWG - JIC-4473**  
[Verizon ID #: 87284432]

Designed to cut and strip 22-26 AWG (0.65 mm-0.40 mm diameter) wire, this tool is perfect for cutting and stripping wire to wire wrap length quickly and easily. Simultaneously cuts and strips wire to 1 1/2" to 1 3/4" (38.10 mm-44.45 mm) long, ideal for wire wrapping. Includes two interchangeable blades to handle 22-24 AWG (0.65 mm-0.50 mm diameter) and 24-26 AWG (0.50 mm-0.40 mm diameter) wire.



**Replacement Blade 24-26 AWG - SB-2426**  
[Verizon ID #: 11040751]

Dual tempered spring steel blades ensure clean nick-free cutting on 24 & 26 AWG wire. Can be used in any of the ST-100 series, OK-3907 series, or JIC-4473 wire strippers.



**MADE FOR LIFE®**