

**Cablematic®**  
CABLE PREPARATION TOOLS

**MILLER®**

**UtilityTool**



**RIPLY®**



**THE LEADING MANUFACTURER  
OF WIRE & CABLE  
PREPARATION TOOLS**

**2017  
PRODUCT CATALOG**

**RIPLEY-TOOLS.COM**

Ripley Tools, LLC is the leading global manufacturer of wire and cable preparation tools, serving linemen, technicians and installers for over 40 years. Ripley's full product line of high quality wire and cable preparation tools and accessories for the Transmission & Distribution, CATV, Electrical and Telecommunications industries is distinguished by three brands: Miller<sup>®</sup>, Utility Tool<sup>®</sup> and Cablematic<sup>®</sup>.



**RIPLLEY**<sup>®</sup>

Ripley Tools, LLC - Corporate Headquarters  
Ripley Europe, Ltd.  
Shanghai Ripley Hardware Tools, Co., Ltd.





Our Cablematic brand offers quality cable preparation tools for the CATV, Telecommunications, Wireless, Satellite and Home Integration / Security industries. Cablematic tools make it seamless to prepare trunk and distribution cables in addition to drop and messengered cables. The Cablematic product line includes coring and stripping tools, drop cable trimmers, and compression and crimp tools.

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## *MILLER*®

Durability, dependability and accuracy in application are the hallmark of the Miller brand. Miller offers a wide variety of specialty wire and cable preparation tools for the voice / data, fiber optic and telecommunications industries. Always innovative, these tools are designed with the professional in mind. Ease of application coupled with superior results has made Miller tools the top choice manufactured to our unparalleled quality standards.

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## *UtilityTool*™

Our Utility Tool brand of wire and cable preparation tools are used to splice and terminate cable for the power transmission and distribution industry. All tools are designed and manufactured to meet specific cable application needs, including accurate removal of insulation, semi-conductive sheathing, protective jacketing and other materials to produce consistent and uniform preparation of cables.

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**Thank you for choosing Ripley.**



# Cablematic®

CABLE PREPARATION TOOLS

Telecommunications, CATV,  
Home Integration & Security









## QCST - CORING & STRIPPING

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- ALL-IN-ONE, accurately strips the jacket, cores the dielectric, strips and bevels the aluminum sheath
- NEW DESIGN conveniently attaches the jacket stripper body (QJST) to the main body of the coring and stripping tool using a "QUICK-CHANGE" rotating body ring
- QJST color coded JACKET STRIPPING BODY is removed and used in a 2 STEP OPERATION WHEN USING FLOODED CABLES.
- Jacket stripping body (QJST), when used separately to remove the jacket on flooded cable, is uniquely designed to automatically provide 3.50 in. (88.9 mm) of jacket removal when rotated to the end of the body
- Jacket stripper body and coring / stripping tool guide sleeve are all COLOR CODED for easy cable identification
- CHAMFERED STRIP STOP is factory installed. A 1 in. (25.4 mm) stop for 412-750 tools and a 1-1/16 in. (27 mm) stop for 840-21160 tools
- Pre-set jacket blade assures no scoring or nicking of aluminum sheath
- MANUAL or DRILL operation; QCST tools have a standard "T" handle with a built-in 3/8 in. (9.5 mm) drill adapter; QCST-R tools have a RATCHET "T" handle and a separate 3/8 in. (9.5 mm) drill adapter
- Rugged, durable, ALL-METAL construction
- Heat treated sheath cutting blade produces a smooth beveled edge and can be replaced without the expense of replacing the entire coring bit
- Spiral-fluted, heat treated steel bit
- U.S. Patent No.: D431,441
- Made in the U.S.A.
- Length: 8.1 in. (205.7 mm)
- Weight: 1 lb 4 oz (525 g)
- See table for part numbers

**Use of CC-100, CC-200 or CC-200EUR removes residual dielectric which remains on the conductor after coring and stripping**



Center Conductor  
Cleaners/Scrapers  
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# QCST - CORING & STRIPPING

## Ordering Guide for QCST Tools (Quick Change - All-in-One)

CommScope® P3 Cable; TIMES FIBER T10 Cable

Cable	Standard Tool	Ratchet Tool	Coring Bit Kit	Guide Sleeve	Chamfered Strip Stop	Body Color
412	QCST 412 T (Part# 36890)	QCST 412T-R (Part# 36900)	CB 114K (Part#31220)	Part# 29104	Part# 34942*	Black
500	QCST 500 T (Part# 36891)	QCST 500T-R (Part# 36901)	CB 115K (Part# 31320)	Part# 29105	Part# 34942*	Red
625	QCST 625 T (Part# 36892)	QCST 625T-R (Part# 36902)	CB 116K (Part# 31420)	Part# 29106	Part# 34942*	Blue
750	QCST 750 T (Part# 36893)	QCST 750T-R (Part# 36903)	CB 117K (Part# 31520)	Part# 29111	Part# 34943*	Green
875	QCST 875 T (Part# 36897)	QCST 875T-R (Part# 36907)	CB 118K (Part# 31620)	Part# 29112	Part# 34927*	Yellow
1000	QCST 21000 T (Part# 36898)	QCST 21000T-R (Part# 36908)	CB 119K (Part# 31720)	Part# 29113	Part# 34927*	Orange

TIMES FIBER TX and CommScope® P3 Cable

Cable	Standard Tool	Ratchet Tool	Coring Bit Kit	Guide Sleeve	Chamfered Strip Stop	Body Color
565	QCST 565 (Part# 36894)	QCST 565-R (Part# 36904)	CB 146K (Part# 31325)	Part# 29108	Part# 34942*	Red
700	QCST 700 (Part# 36895)	QCST 700-R (Part# 36905)	CB 137K (Part# 33858)	Part# 33847	Part# 34943*	Blue
840	QCST 840 (Part# 36896)	QCST 840-R (Part# 36906)	CB 138K (Part# 31531)	Part# 29109	Part# 34927*	Green
1160	QCST 21160 (Part# 36899)	QCST 21160-R (Part# 36909)	CB 158K	Part# 33837	Part# 34927*	Neutral

## Accessories for QCST Tools (Quick-Change - All-in-One)

Cable	Ratchet Handle	Drill Adapter	Sheath Cutting Blade	Jacket Stripping Blade
412 to 840	Part# 31250	Part# 31230	CB 60 (Part# 14907)	CB 6667H (Part# 19212)
860 to 1000	Part# 31275	Part# 31235	CB 60 (Part# 14907)	CB 6667H (Part# 19212)
1160	Part# 31275	Part# 31235	CB 26 (Part# 14403)	CB 6667H (Part# 19212)

\*Made in China

## CST - CORING & STRIPPING

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- Combination tool strips sheath and cores dielectric in one fast and precise operation
- Manual or drill operation; CST tools have a standard "T" handle with a built-in 3/8 in. (9.5 mm) drill adapter; CST-R tools have a ratchet "T" handle and a separate 3/8 in. (9.5 mm) drill adapter
- Heat treated sheath cutting blade produces a smooth beveled edge and can be replaced without the expense of replacing the entire coring bit
- Spiral-fluted, heat-treated steel coring bit
- Rugged, durable, all-metal construction
- Strip stops available for exact stripping lengths of 0.50 to 2.00 in. (12.7 to 50.8 mm)
- Color coded cable guide sleeves for easy cable size identification
- Grooves on guide sleeve provide indication on when replacement is needed
- Use of CC-100, CC-200 or CC-200EUR Center Conductor Cleaner/Scraper removes residual dielectric which remains on the conductor after coring and stripping
- Made in the U.S.A.
- Length: 6.88 in. (175 mm)
- Weight: 13 oz (369 g)
- See table for part numbers

# CST - CORING & STRIPPING

## Ordering Guide for CST Tools

CommScope® P3 Cable; TIMES FIBER T10 Cable;  
Alcatel Cable Benelux - ACE/ACW Cable Co

Cable	Standard Tool	Ratchet Tool	Coring Bit Kit	Guide Sleeve	Sleeve Color
412	CST 412 (Part # 31810)	CST 412-R (Part # 31850)	CB 114K (Part # 31220)	Part # 29104	Black
500	CST 500 (Part # 31910)	CST 500-R (Part # 31950)	CB 115K (Part # 31320)	Part # 29105	Red
625	CST 625 (Part # 32010)	CST 625-R (Part # 32050)	CB 116K (Part # 31420)	Part # 29106	Blue
750	CST 750 (Part # 32110)	CST 750-R (Part # 32150)	CB 117K (Part # 31520)	Part # 29111	Green
875	CST 875 (Part # 32210)	CST 875-R (Part # 32250)	CB 118K (Part # 31620)	Part # 29112	Yellow
1000	CST 21000 (Part # 32320)	CST 1000-R (Part # 32330)	CB 119K (Part # 31720)	Part # 29113	Orange

TIMES FIBER TX and CommScope® P3 Cable

Cable	Standard Tool	Ratchet Tool	Coring Bit Kit	Guide Sleeve	Sleeve Color
565	CST 565TX (Part # 31985)	CST 565TX-R (Part # 31990)	CB 146K (Part # 31325)	Part # 29108	Red
700	CST 700TX (Part # 33863)	CST 700TX-R (Part # 33855)	CB 137K (Part # 33858)	Part # 33847	Black
840	CST 840TX (Part # 32180)	CST 840TX-R (Part # 32185)	CB 138K (Part # 31531)	Part # 29109	Green
1160	CST 21160TX (Part # 32380)	CST 21160TX-R (Part # 32390)	CB 158K (Part # 32385)	Part # 33837	Neutral

CommScope® PowerFeeder™ and TIMES FIBER T10 Power 20, 22 & 50 Ohm

Cable	Standard Tool	Ratchet Tool	Coring Bit Kit	Guide Sleeve	Sleeve Color
625/PF	CST 625PF* (Part # 36058)	CST 625PF-R (Part # 36055)	CB 201K (Part # 36057)	Part # 29106	Blue
625/20	CST 625/20 (Part # 36095)	CST 625/20-R (Part # 36098)	CB 203K (Part # 36097)	Part # 29106	Blue
625/50	CST 625/50 (Part # 35945)	CST 625/50-R (Part # 35944)	CB 200K (Part # 35947)	Part # 29404	Blue

\* Tool model CST 625PF for CommScope® PowerFeeder and TIMES FIBER T10 Power 22 Ohm Cables

## Accessories for CST Tools

Cable	Ratchet Handle	Drill Adapter	Sheath Cutting Blade
412 to 840	Part # 31250	Part # 31230	CB 60 (Part # 14907)
860 to 1000	Part # 31275	Part # 31235	CB 60 (Part # 14907)
1160	Part # 31275	Part # 31235	CB 26 (Part # 14403)

## Conductor Strip Stops for CST Tools

Strip Length		Part #	Strip Length		Part #
(in.)	(mm)		(in.)	(mm)	
1/2	12.70	32974	1-1/4	31.75	32983
5/8	15.88	32975	1-3/8	34.93	32981
3/4	19.05	32985	1-7/16	36.51	32957
13/16	20.64	33958	1-1/2	38.10	32982
7/8	22.22	32977	1-9/16	39.69	33959
15/16	23.81	32978			
1	25.40	32980	1-3/4	44.45	33976
1-1/16	26.99	32979	2	50.80	33962
1-1/8	28.58	33973			
1-3/16	30.16	32986			

# QRT - JACKET REMOVAL, CORING & STRIPPING

## Tool Kits for CommScope® Quantum Reach® (QR) Cable



- > Specifically designed for the following cables:  
CommScope® Quantum Reach® (QR)  
Times Fiber Communications (TFC) TX10  
Alcatel Cable Benelux-ACE/ACW
- > QRT Kits include a coring and stripping tool and a jacket stripping tool (CST-QR & JST-QR)
- > JST-QR conveniently snaps onto the CST-QR for ease of storage
- > JST-QR available separately for replacement
- > QR Kits now in bronze anodized color for easy QR identification
- > Manual or drill operation; CST tools have a standard "T" handle with a built-in 3/8 in. (9.5 mm) drill adapter; CST-R tools have a ratchet "T" handle and a separate 3/8 in. (9.5 mm) drill adapter
- > Heat treated, sheath cutting blade produces a smooth beveled edge and can be replaced without the expense of replacing the entire coring bit
- > Use of CC-100, CC-200 or CC-200EUR Center Conductor Cleaner/Scraper removes residual dielectric which remains on the conductor after coring and stripping
- > Made in the U.S.A.
- > CST-QR Length: 8.38 in. (213 mm) > Weight: 1 lb (454 g)
- > JST-QR Length: 2.63 in. (67 mm) > Weight: 6 oz (170 g)
- > Sheath Cutting Blade - CB 60 Part # 14907 (for all models)

### Ordering Guide for QRT Tools

Cable	Standard Model	Ratchet Model	Coring Bit Kit	Guide Sleeve	JSTQR Blade
320 (7mm)	QRT 320 (Part # 35142)	QRT 320-R (Part # 35145)	CB 164K (Part # 35148)	Part # 35144	CB 6667H (Part # 19212)
500	QRT 500 (Part # 34640)	QRT 500-R (Part # 33505)	CB 130K (Part # 33378)	Part # 33404	CB 6667H (Part # 19212)
540	QRT 540 (Part # 34641)	QRT 540-R (Part # 33508)	CB 143K (Part # 33668)	Part # 33787	CB 6667H (Part # 19212)
715	QRT 715 (Part # 34660)	QRT 715-R (Part # 34665)	CB 159K (Part # 34664)	Part # 34663	CB 6667H (Part # 19212)
860	QRT 860 (Part # 34642)	QRT 860-R (Part # 33510)	CB 127K (Part # 33376)	Part # 33371	CB 6667H (Part # 19212)
1125	QRT 1125 (Part # 34643)	QRT 1125-R (Part # 33512)	CB 145K (Part # 33678)	No Guide Sleeve Required	CB 6667H (Part # 19212)

# JCST-QR - JACKET REMOVAL, CORING & STRIPPING



- > Simultaneously strips the jacket, cores the dielectric, strips the aluminum sheath and trims the conductor to the proper length in one fast and precise operation.
- > Specifically designed for the following cables:  
CommScope® Quantum Reach® (QR)  
Times Fiber Communications (TFC) TX10  
Alcatel Cable Benelux-ACE/ACW
- > Manual or drill operation; JCST tools have a standard "T" handle with a built-in 3/8 in. (9.5 mm) drill adapter; JCST-R tools have a ratchet "T" handle and a separate 3/8 in. (9.5 mm) drill adapter
- > Heat treated, sheath cutting blade produces a smooth beveled edge and can be changed without the expense of replacing the entire coring bit
- > Preset jacket blade assures there is no scoring or nicking of the aluminum sheath
- > Use of CC-100, CC-200 or CC-200EUR removes residual dielectric which remains on the conductor
- > Rugged, durable all-metal construction
- > **Not recommended for use on flooded cable (see QRT model)**
- > Made in the U.S.A.
- > Length: 7.50 in. (190.5 mm)
- > Weight: 1 lbs 8 oz (675 g)
- > Sheath Cutting Blade - CB 60 Part # 14907 (for all models)



## Ordering Guide for Standard JCST-QR Tools

Cable	Standard Model /Part#	Ratchet Model /Part#	Coring Bit Kit
320 (7mm)	JCST 7MMQR (Part # 36515)	JCST 7MMQR-R (Part # 36517)	CB164K (Part # 35148)
540	JCST 540QR (Part # 36520)	JCST 540QR-R (Part # 36523)	CB143K (Part # 33668)
715	JCST 715QR (Part # 36525)	JCST 715QR-R (Part # 36528)	CB159K (Part # 33664)
860	JCST 860QR (Part # 36530)	JCST 860QR-R (Part # 36533)	CB127K (Part # 33376)

See next page page for ordering Custom JCST-QR Tools & Replacement Blades

# JCST-QR - JACKET REMOVAL, CORING & STRIPPING

## Ordering Guide for Custom JCST-QR Tools

Cable	Standard Model	Part#	Connector Manufacturer	Coring Bit Kit
8C	JCST GRS-8C-JS-PS-01	37495	Corning Gilbert	CB 246K (Part # 37498)
12C	JCST GRS-12C-JS-PS-01	37500	Corning Gilbert	CB 245K (Part # 37503)
12C	JCST GRS-12C-CH-LD-01-T	37505	Corning Gilbert	CB 248K (Part # 37509)
17C	JCST GRS-17C-CH-LD-01-T	37600	Corning Gilbert	CB 249K (Part # 37603)
17C	JCST GRS-17C-JS-PS-01	37605	Corning Gilbert	CB 250K (Part # 37608)
12C	JCST C12-PPC	37945	PPC	CB 248K (Part # 37509)
12C	JCST 12C-N	38040	NDK	CB 248K (Part # 37509)
12C	JCST 12C-K	38070	Kimura	CB 248K (Part # 37509)

## Ordering Guide for CommScope (Trilogy) with Corning Cablecon Jacket Seizure Connectors

Cable	Standard Model	Part#	Coring Bit Kit
500	JCST 05TI	35103	CB 132K (Part # 33752)
700	JCST 97TI	35109	CB 134K (Part # 33762)

## Replacement Blades

Replacement Blade	Model/Part #
Jacket Blade	CB 6667H (Part #: 19212)
Sheath Cutting Blade	CB 60 (Part #: 14907)



# CST-MC - CORING & STRIPPING



- > Specifically designed for CommScope (Trilogy) MC<sup>2</sup> cables
- > Strips aluminum sheath and cores dielectric
- > Manual or drill operation; CST tools have a standard "T" handle with a built-in 3/8 in. (9.5 mm) drill adapter; CST-R tools have a ratchet "T" handle and a separate 3/8 in. (9.5 mm) drill adapter
- > Double helix coring bit designed for fast and precise coring and stripping of polyethylene disc / air dielectric cable
- > Heat treated, sheath cutting blade produces smooth, beveled edge and can be replaced without the expense of replacing the entire coring bit
- > Use of CC-100, CC-200 or CC 200EUR Center Conductor Cleaner/ Scraper removes residula dielectric which remains on the conductor after coring and stripping
- > Made in the U.S.A.
- > Length: 8.38 in. (213 mm)
- > Weight: 1 lb (454 g)
- > See table for part numbers

## Double Helix Coring & Stripping Bit

500-750 (1.3 mm-19mm) Cable  
Sheath Cutting Blade CB 60 (Part# 14907)



## Ordering Guide for CST-MC CommScope Tools

Cable	Standard Model	Ratchet Model	Sleeve/Color	Coring Bit Kit
500	CST 500MC Part # 33895	CST 500MC-R Part # 33796	Part # 33771-2 (White)	CB 132K Part # 33752
650	CST 650MC Part # 33900	CST 650MC-R Part # 33797	Part # 33771-3 (White)	CB 133K Part # 33757
750	CST 750MC Part # 33905	CST 750MC-R Part # 33798	Part # 33771-4 (White)	CB 134K Part # 33762

# JST- JACKET STRIPPING



- Fast and efficient removal of jackets from trunk and distribution coaxial cables
- Anodized color-coded bodies to match our coring and stripping tool sleeves (standard JST 412 through JST 1160 only)
- Preset JST blades minimize scoring or nicking of the aluminum sheath
- Knurled body for sure grip
- Made in the U.S.A.
- Length: 2.63 in. (67 mm)
- Weight: 6.0 oz. (170 g)
- See tables for part numbers
- Replacement blade for all JST tools is CB 6667H (Part #: 19212)

## Standard Jacket Strippers

### CommScope® P3 Cable TIMES FIBER T10

Cable	Model	Color	Part #
412	JST 412	Black	11900
500	JST 500	Red	12500
625	JST 625	Blue	28900
750	JST 750	Green	12600
875	JST 875	Yellow	21500
1000	JST 1000	Orange	21000

### TIMES FIBER TX Cable CommScope® P3 Cable

Cable	Model	Color	Part #
565	JST 565	Red	32400
700	JST 700	Black	33865
840	JST 840	Green	33870
1160	JST 1160	Neutral	33875

### CommScope®

Cable	Model	Part #
500	JST 500MC	33780
650	JST 650MC	33820
750	JST 750MC	33790

## Special Jacket Strippers

### CommScope® P1, P2 Cable TIMES FIBER T4 Cable Alcatel Cable Benelux - ACE Cable

Cable	Model	Part #
412	JST 412X	37850
500	JST 500X	37855
625	JST 625X	37860
750	JST 750X	37865
875	JST 875X	37870
1000	JST 1000X	37875

### TIMES FIBER T10 Extra Thick Jacket CommScope® P3 Extra Thick Jacket

Cable	Model	Part #
412	JST 412 TFCJBX	36100-108
500	JST 500 TFCJBX	36100-109
565	JST 565 TXJBX	36100-110
625	JST 625 TFCJBX	36100-111
700	JST 700 TXJBX	36100-112
750	JST 750 TFCJBX	36100-113
840	JST 840 TXJBX	36100-114
875	JST 875 TFCJBX	36100-115
1000	JST 1000 TFCJBX	36100-116
1160	JST 1160 TXJBX	12300-029

### CommScope® Cable Guard Cable

Cable	Model	Part #
500	JST 500CG	34175
565	JST 565CG	37805
625	JST 625CG	34180
700	JST 700CG	37810
750	JST 750CG	34185
875	JST 875CG	34805

### CommScope® QR Dual Jacket Cable

Cable	Model	Part #
540	JST 540 DJ	35470
715	JST 715 DJ	35471
860	JST 860 DJ	35472

### TIMES FIBER T10/BF CommScope® P3/JCASP Flooded Cable

Cable	Model	Part #
500	JST 10-60040	35137
625	JST 10-72540	35135
750	JST 11-85040	35136

# AJST - ARMORED JACKET STRIPPING



- AJST is designed to remove the outer jacket and armor layer on CommScope® P3 JACASS and QR JACASS underground construction trunk and distribution cable
- Factory preset blade with no adjustment required
- Rugged, color coded anodized aluminum design (same as other Cablematic® tools) for easy identification and long life
- Extra long handle provides better stripping leverage and greater hand protection from armor chips (always wear hand and eye protection)
- Made in the U.S.A.
- Length: 6.25 in. (159 mm)
- Weight: 11 oz (312 g)
- Replacement Blade: CB 213 (Part #: 36467)
- Drill Adapter Part #: 12350
- See table for tool part numbers

## CommScope® P3 Cable

Cable	Model	Color	Part #
500	AJST 500/P3	Red	36223
625	AJST 625/P3	Blue	36225
750	AJST 750/P3	Green	36227
875	AJST 875/P3	Orange	36229

## CommScope® QR Cable

Cable	Model	Color	Part #
540	AJST	Copper	36233
715	AJST	Copper	36235
860	AJST	Copper	36237

## Times Fiber T10 Cable

Cable	Model	Color	Part #
500	AJST 500/T10	Red	36243
625	AJST 625/T10	Blue	36245
750	AJST 750/T10	Green	36247
875	AJST 875/T10	Orange	36249

## SLT - STRIPPING



- Allows for precise and easy two-step cable preparation
- Works on Slimline, F, FB and 2.2/9.3 FPE cables
- Adjustable strip stops cover a wide range of connector cable preparation dimensions:
  - Center conductor exposure from 10 mm to 20 mm
  - Braid exposure from 10 mm to 25 mm
- Center conductor chamfering strip stop is built into tool.
- Rugged all metal construction
- Made in the UK.
- Length: 8.625 in. (219 mm)
- Weight: 1 lb 13 oz (817 g)
- See tables for tool part numbers



# SLT - STRIPPING

## Ordering Guide for SLT Tools

Cable	Cable Manufacturer	Cable Type	Inner Cord (IC)	Dia. Over Dielectric (DOD)	Dia. Over Jacket (DOJ)	Color	Part#
SLT 10.5	CommScope®	Coax 6 CL (1.7/7.0/10.5)	1.7 mm	7.0 mm	10.5 mm	Yellow	38405
	TKF, AEG	Coax 6 Bamboo (1.6/7.2/10.5)	1.7 mm	7.0 mm	10.5 mm	Yellow	
	Draka	Coax 6 CT15A, CT16S, CT17S	1.7 mm	7.0 mm	10.5 mm	Yellow	
	Bedeaa	iKx (1.7/7.1/10.5)	1.7 mm	7.1 mm	10.5 mm	Yellow	
SLT 11	Belden/CDT	Coax 6 FB11 (1.6/7.55/11.3)	1.6 mm	7.6 mm	11.3 mm	Purple	38610
	Bedeaa a.o.	1 iKx (1.1/7.3/11.0)	1.7 mm	7.3 mm	11.0 mm	Purple	
SLT 12.5	CommScope®	1 nKx bamboo (2.2/8.8/12.5)	2.2 mm	8.8 mm	12.3 mm	Red	37280
	CommScope®	A-2YOKZY 1x(2.2/8.8)KxLg	2.2 mm	8.8 mm	12.3 mm	Red	
	Draka	Coax 4 CT 22S (2.2/8.8/12.3)	2.2 mm	8.8 mm	12.3 mm	Red	
	Draka	Coax 4 CT 22A (2.2/8.8/12.3)	2.2 mm	8.8 mm	12.3 mm	Red	
	Draka	Coax 4 CT 22A (2.2/9.3/12.5)	2.2 mm	8.8 mm	12.5 mm	Red	
	Draka	Coax 4 CT 22E (2.2/9.3/12.5)	2.2 mm	8.8 mm	12.5 mm	Red	
	AEG	AEG 2.2/8.8/12.5	2.2 mm	8.8 mm	12.5 mm	Red	
	Bedeaa a.o.	1 nKx bamboo (2.2/8.8/12.5)	2.2 mm	8.8 mm	12.5 mm	Red	
	Bedeaa	A-2YOKZY 1x(2.2/8.8)KxLg	2.2 mm	8.8 mm	12.5 mm	Red	
	CommScope®	HF-75TS	2.0 mm	9.1 mm	12.5 mm	Red	
	SLT 14	Belden/CDT	Coax 4 FB14 (2.2/10.2/13.8)	2.2 mm	10.2 mm	13.8 mm	
Belden/CDT		Coax 4 F14 (2.2/10.2/13.8)	2.2 mm	10.2 mm	13.8 mm	Silver	
Beta Cavi		Coax 4 (2.2/10.2/13.6)	2.3 mm	10.2 mm	13.6 mm	Silver	
Draka		Coax 4 CT22A (2.2/10.2/13.6)	2.2 mm	10.2 mm	13.6 mm	Silver	
SLT 14.5	Eupen	7118 (corrugated copper cable)	2.7 mm	10.9 mm	14.3 mm	Bronze	42550
	CommScope®	CA 514	2.7 mm	10.9 mm	14.5 mm	Bronze	
SLT 16.5	NK Cables	Tellu 5	2.5 mm	13.1 mm	16.5 mm	Green	43215

## SLT - STRIPPING

## Ordering Guide for SLT Tools

Cable	Cable Manufacturer	Cable Type	Inner Cord (IC)	Dia. Over Dielectric (DOD)	Dia. Over Jacket (DOJ)	Color	Part#
SLT 17	CommScope®	1qKx (Bamboo 3.3/13.5/17.0)	3.3 mm	13.5 mm	17.0 mm	Blue	38365
	CommScope®	A-2YOKZY 1x(3.3/13.5) KxLg	3.3 mm	13.5 mm	17.1 mm	Blue	
	Draka	Coax 3 CT 33A(3.3/13.5/17.1)	3.3 mm	13.5 mm	17.1 mm	Blue	
	Draka	Coax 3 CT 33S(3.3/13.3/17.1)	3.3 mm	13.5 mm	17.1 mm	Blue	
	Drakar/Bedea a.o.	1(q)Kx (Bamboo 3.3/13.5/17.0)	3.3 mm	13.5 mm	17.0 mm	Blue	
	Bedea	A-2YOKZY 1x(3.3/13.5) KxLg	3.3 mm	13.5 mm	17.0 mm	Blue	
SLT 17.7	CommScope®	Coax 3 CL 3.3/13.5/17.7	3.3 mm	13.5 mm	17.7 mm	Orange	38400
	TKF, AEG	Coax 3 Bamboo	3.3 mm	13.5 mm	17.5 mm	Orange	
	Bedea	Tellus 3.3/13.5/17.5	3.3 mm	13.5 mm	17.5 mm	Orange	
SLT 20	Belden/CDT	Coax 3 FB20 (3.4/14.9/19.8)	3.4 mm	14.9 mm	19.8 mm	Black	37270
	Belden/CDT	Coax 3 F20 (3.4/14.9/19.8)	3.4 mm	14.9 mm	19.8 mm	Black	
	Beta Cavi	Coax 3 34/145 (3.4/14.5/19.8)	3.4 mm	14.9 mm	19.8 mm	Black	
	Draka	Coax 3 CT 33A(3.45/14.9/19.3)	3.5 mm	14.5 mm	19.3 mm	Black	
	Draka	Coax 3 CT 33E (3.45/14.9/19.3)	3.5 mm	14.9 mm	19.3 mm	Black	
	Cavel	Coax 3 34/145	3.4 mm	14.5 mm	19.8 mm	Black	
SLT21	Beldom/CDT	Coax 3 FB21 (3.4/16.5/21.6)	3.4 mm	16.5 mm	21.6 mm	Bronze	38605
SLT 23	NK Cables	Tellu 3	4.2 mm	19.1 mm	23.1 mm	Light Blue	43210

# SLT - STRIPPING

## Ordering Guide for SLT Tools

Cable	Cable Manufacturer	Cable Type	Inner Cord (IC)	Dia. Over Dielectric (DOD)	Dia. Over Jacket (DOJ)	Color	Part#
SLT 12-75	Eiipen Commscope®	7128 (corrugated copper cable) CA 516	3.1 mm 3.1 mm	12.4 mm 12.4 mm	16.0 mm 16.0 mm	Light Blue Light Blue	42620
SLT 38-75	Eiipen Commscope®	7088, 7082, 7081 (corrugated) CA 511 J	2.0 mm 2.0 mm	8.3 mm 8.3 mm	11.5 mm 11.5 mm	Purple Purple	42445
SLT 58-75	Eiipen Commscope®	7168, 7162 (Corrugated) CA 519	3.9 mm 3.9 mm	16.0 mm 15.6 mm	19.8 mm 20.1 mm	Light Gray Light Gray	42245

## Accessories for SLT Tools

Replacement Blades and Strip Stop	Part #
Ringing Knife Assembly	11001
Chamfering Strip Stop	42015
Chamfering Strip Stop	42410
Chamfering Strip Stop	42015
Chamfering Strip Stop	11013
Replacement Blade First Cut	11002
Replacement Blade First Cut	19212
Replacement Blade Second Cut	
Not applicable for SLT 10.5 & SLT 11	
For SLT 10.5 & SLT 11	
For all other SLT Tools	
CB35	
CB35 (package of 10)	
CB6667H	

## MWSS - MESSENGERED WEB SLITTER/SHAVER

- > MWSS is a dual function tool designed to remove the cable messenger by slitting the web, then shave the residual web material leaving a smooth surface on the cable jacket
- > Precise shaving of web material allows for proper cable preparation using a standard jacket stripping or coring tool
- > Alignment slot in cable tray insures precise shaving of the residual web material after the slitting operation
- > Slitting blade is factory set, but shaving blade can be field adjusted
- > Spring loaded blade shield secures the cable into the tray
- > Blade shield designed to protect the user from injury and the blade from damage
- > Made in the U.S.A.
- > U.S. Patent No.: 6,427,331
- > Length: 3.8 in. (96 mm)
- > Weight: 6.7 oz (191 g)
- > Replacement Slitter Blade: CB 209 (Part #: 36343)
- > See table for tool part numbers



## MWSS - MESSENGERED WEB SLITTER

- > MWS is ideal for applications that only require the single function of cable messenger web slitting, such as for pole clamp or dead-end attachment
- > Made in the U.S.A.
- > Length: 3.8 in. (96 mm)
- > Weight: 6.7 oz (191 g)
- > Replacement Slitter Blades: CB 209 (Part #: 36343)
- > See table for part numbers



### Ordering Guide for MWSS & MWS Tools

Tool Model	Shaver Blade	CommScope® QR	CommScope® P3	Times Fiber T10	Times Fiber TX
MWSS 400 (Part # 37045)	CB229 (Part # 37036)	QR 320	P3 412 JCAM	T10 412MS	
MWSS 500 (Part # 37033)	CB227 (Part # 37036)	QR 500 QR 540	P3 500 JCAM P3 565 JCAM	T10 500 MS	TX565 MS
MWSS 700 (Part # 37023)	CB226 (Part # 37027)	QR 715	P3 625 JCAM P3 700 JCAM P3750 JCAM	T10 625 MS T10 750 MS	TX700 MS
MWS 400 (Part # 37049)	N/A	QR 320	P3 412 JCAM	T10 412 MS	
MWS 500 (Part # 37037)	N/A	QR 500 QR 540	P3 500 JCAM	T10 500 MS	TX 565 MS
MWS 700 (Part # 37030)	N/A	QR 715	P3 625 JCAM P3 750 JCAM	T10 625 MS T10 750 MS	TX 700 MS



# CC SERIES - CENTER CONDUCTOR CLEANERS/SCRAPERS



- > For removing residual dielectric from the conductor of all sizes of trunk and distribution cables (without scratching or nicking)
- > CC-100 has clear Plexiglas® multiple size V-shaped cleaning notches
- > CC-200 is supplied with clear Plexiglas® straight edged scraping blades
- > CC-200 EUR is supplied with inverted clear Plexiglas® straight edged scraping blades. Removes dielectric close to aluminum sheath.
- > "High visibility" red (CC-100) and yellow (CC-200) tool bodies
- > Made in the U.S.A.
- > Length: 4.25 in. (108 mm)
- > Weight: 2.26 oz (64 g)

Model	Part#	Color	Replacement Blade
CC-100	16710	Red	"V" Notched Blade Kit (Part # 16722)
CC-200	16730	Yellow	Clear Plexiglas® Scraping Blade Kit (Part # 16725)
CC-200 EUR	42000	Yellow	Clear Plexiglas® EUR Scraping Blade Kit (Part # 42003)

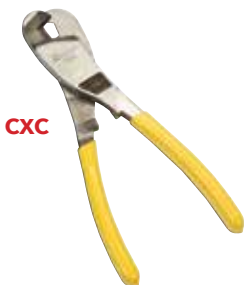
# RFNP & RFNP-S FLAT NOSE PLIERS



- > ESD Safe and ergonomic slip free dual-compound thermoplastic grips for maximum comfort and durability
- > Smooth wide jaws for fine assembly applications
- > Drop-forged, hardened and tempered steel alloy, designed for maximum strength and performance
- > Pliers are suitable for work on ESD work stations in accordance with IEC 61340-5-1 surface resistance  $10^6 - 10^9$  ohms/sq
- > Made in Germany
- > See table for part numbers

Model	Part #	Weight	Length
RFNP-S Short Nose Pliers	46475	2.2 oz (61 g)	5.1 in (130 mm)
RFNP Long Nose Pliers	46474	3.1 oz (89 g)	5.7 in (145 mm)

# CXC & CXC-1 - CABLE CUTTERS

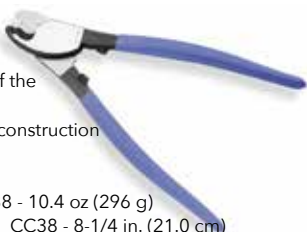


- > Cuts Aluminum trunk and distribution coaxial cable
- > **NOT designed to cut steel conductors**
- > Cuts with no cable distortion
- > Lightweight, easy to use, compact
- > CXC - Made in Taiwan
- > CXC-1 - Made of Taiwanese and American parts
- > Engineered in the U.S.A

Model	Part #	Maximum Cutting Diameter	Handle Color	Length	Weight
CXC	35325	.75 in (19mm)	Yellow	8 in. (203 mm)	15 oz (425 g)
CXC-1	35975	1 in (25.4mm)	Blue	8 in. (203 mm)	15 oz (425 g)

## CC - CABLE CUTTERS

- > Designed to cut and strip solid & stranded copper and aluminum conductor
- > Designed to minimize flattening of the cable end and center conductor
- > Precise, high quality carbon steel construction
- > Durable, dipped non-slip handles
- > Made in Japan
- > Weight: CC22 - 6 oz (170 g) CC38 - 10.4 oz (296 g)
- > Length: CC22 - 6-3/8 in (16.2 cm) CC38 - 8-1/4 in. (21.0 cm)



Application	Model/Part #	Max OD (in.)	AWG
Cutting	CC22 Part # 39430	.350 in (8.89mm)	1
	CC38 Part # 39431	.430 in (10.922mm)	2/0
Stripping	CC22 Part # 39430	.230 in (5.84 mm)	4
	CC38 Part # 39431	.290 in (7.366 mm)	2

## CCS - CABLE CUTTERS

- > CCS-22 designed to cut steel conductors
- > CCS-22 ideal for cutting 59, 6, 7 and 11 series coax cables (copper clad steel center conductors) as well as N48, 5C, 9 coax cables (Copper center conductors) up to .400 in (10.16 mm) O.D. cables
- > Preformed rounded jaws position the cable for optimum cutting while maintaining cables original round shape.
- > Made in Japan
- > Length: 6-3/8 in (16.2 cm)
- > Weight: 6 oz (170 g)



Application	Model/Part#	Max OD (in.)
Cutting Copper Clad Steel	CCS-22 Part # 39930	.400 (10.16 mm)

## CCP - COAX CABLE CUTTER

- > Cuts PVC/poly pipe, coax (braided-smooth-corrugated), conduit, innerduct, tubing and hose
- > Fast, efficient cutting capacity up to 1-1/4 in. O.D. (31.75 mm)
- > Handle cradle design provides clean, square and burr-free cuts
- > Scissor type spring action fram design for ease of use
- > Ergonomic polymer handle construction
- > Hatch latch locks in closed position for extra safety
- > Made in the U.S.A.
- > Part #: 42940
- > Replacement Blade Part #: 42941
- > Length: 8 in (203mm)
- > Weight: 4 oz (113 g)



## DBT-U - DE-BURR

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- De-burrs center conductor on both 50 and 75 ohm hardline cables
- Works on both copper and copper clad aluminum
- Ideal for LMR240 to LMR600 Times Microwave Systems cables
- Designed to de-burr center conductors from .050 to .230 in. (1.27 mm to 5.84 mm)
- large plastic screwdriver type handle provides exact leverage while rotating the tool
- Made in the U.S.A.
- Length: 4.75 in. (121 mm)
- Weight: 3.4 oz (95 g)
- Part #: 42600

## FDT 58-75 - FLARING & DE-BURR

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- Flares and de-burrs the outer conductor on Eupen 7168, A7168 and CommScope® CA519 75 ohm corrugated copper cable
- Other end of tool de-burrs center conductor of cable
- Large plastic screwdriver type handle provides exact leverage while rotating the tool
- Made in the U.S.A.
- Length: 5.5 in. (140 mm)
- Weight: 5.5 oz (156 g)
- Part #: 42250

# CST 320/7C QRF

## CORING & STRIPPING

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### **"F" Type Connectorization**



- > Specifically designed for coring and stripping MDU 320 CommScope® Quantum Reach® (QR) cables
- > Factory set to core and strip required preparation dimensions for Corning Gilbert ULTRASEAL™ 320 QR and GAF-360-320, PCT-DRS 320 QR, PPC EX320 QR, and Thomas & Betts Snap-N-Seal® 320 QR "F" connectors
- > Simple, three-step operation:
  1. Core and strip the cable end
  2. Remove center conductor residual dielectric with the built-in center conductor cleaner
  3. Other end of tool will remove proper length of outer jacket while chamfering the center conductor
- > For MDU320 messengered cable use MWSS 400 messengered web slitter/shaver
- > Heat treated coring bit and cutting blades for long lasting life
- > Manual operation only
- > Connector assembly tools use:
  - CR41Q for Corning Gilbert GAF-360-320
  - CAT-AS for PPC EX320QR, Corning Gilbert ULTRASEAL™ 320QR and PCT-DRS 320QR
- > Made in the U.S.A.
- > Length: 5 in. (127 mm)
- > Weight: 8 oz (227 g)
- > U.S. Patent No.: D515,901S
- > Replacement Coring Bit: CB 216 (Part #: 36762)
- > Replacement Sheath Cutting Blade: CB 60 (Part #: 14907)
- > Replacement Jacket Cutting Blade: CB 60 (Part #: 14907)
- > Replacement Conductor Cleaner Kit: CC-320QRF (Part #: 36766)
- > Part #: 36760

# TXFF & TXFF-Q MEGADROP STRIPPING TOOLS



- > For Times Fiber Communications (TFC) MegaDrop TX-10-15 Low Loss Drop Cable and F50 CommScope® cable
- > Color coded and labeled for ease of proper tool identification
  - Green** - for Standard cable construction
  - Blue** - for Quad Shield cable construction
- > The first cut will prepare cable to proper center conductor length.
- > The second cut will remove the proper length of outer jacket exposing the braid
- > Made in the U.S.A.
- > Replacement Blades:
  - 1st cut: CB 26 (Part #: 14403)
  - 2nd cut: CB 60 (Part #: 14907)
- > Length: 5-3/8 in. (137 mm)
- > Weight: 1 lb. 12 oz. (795 g)

Model	Color	Cable	Connector	Part #
TXFF-C	Green	Standard & Tri shield	Corning Cabelcon	36635
TXFF-QC	Blue	Quad	Corning Cabelcon	36634
TXFF-A/G	Green	Standard & Tri shield	Amphenol & Corning Gilbert	36637
TXFF-QA/G	Blue	Quad	Amphenol & Corning Gilbert	36636
TXFF-P	Green	Standard & Tri shield	PPC & PCT	36639
TXFF-QP	Blue	Quad	PPC & PCT	36638

# SDT-TXFF-250 MEGADROP SINGLE DROP TRIMMER

- > Single Drop Trimmer for Times Fiber Communications (TFC) MegaDrop (formerly named Flexfeeder) TX-10-15 Low Loss Drop Cable and F50 CommScope® cable
- > ONE STEP cable preparation for smooth, precise cuts removing both the jacket and the dielectric
- > Designed to prepare standard, tri and quad shield cable construction
- > Prepares cable for all major connector manufacturers to 1/2 in. or 1 in. (12.7 or 25.4 mm) center conductor length and 1/4" (6.35 mm) braid preparation
- > Made in the U.S.A.
- > U.S. Patent No.: 6,128,976 and 6,253,641
- > Non replaceable factory fixed blade cartridge
- > Length: 4.6 in. (119 mm)
- > Weight: 1.9 oz (54 g)
- > Part #: 37460



# SDT - SINGLE DROP TRIMMER

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- > ONE STEP cable preparation for ALL 59, 6, N48 drop cable constructions as per SCTE and Bellcore specifications
- > Also available with a built-in strip stop – see model SDT596-250SS (SDT596-250 is standard tool)
- > ERGONOMIC BODY DESIGN fits into your hand and tool pouch for ease of use and comfort
- > Tool body constructed of LIGHTWEIGHT, impact resistant “Hi-Visibility Red” polymer
- > No adjustments or extra tools required
- > NOTE: Tool is not intended for Plenum Series Cable construction
- > Superior quality tool steel blade cassettes will perform 3500+ preparations under normal use
- > Tool supplied with model specified cassette assembled in tool and one spare cassette
- > Unique “Cassette Ejector” provides quick blade cassette removal
- > Replaceable blade cassettes are color-coded and marked with cable series type and braid preparation dimensions for easy identification
- > Made of American and Chinese parts
- > Engineered in the U.S.A
- > U.S. Patent Nos.: 6,128,976 and 6,253,641
- > Length: 4.6 in. (119 mm)
- > Weight: 1.6 oz (45 g)
- > See table for part numbers

# SDT - SINGLE DROP TRIMMER



## Ordering Guide for SDT Single Drop Trimmers For .250 (1/4") 6.4 mm Cable Preparation

Model	Drop Cable Series	Replacement Cassettes	Color	Part#
SDT596-250	59, 6, Std. Tri & Quad, N48	RC596-250 (Part # 35241)	Red	36700
SDT596-250SS	59, 6, Std. Tri & Quad, N48	RC596-250 (Part # 35241)	Red	36700-1
SDT7-250	7 Std. Tri & Quad	RC7-250 (Part # 35242)	Green	36701
SDT11-250*	11 Std. Tri & Quad	RC11-250 (Part # 35243) RC11Q-250 (Part # 35244)	Black Gray	36702
SDT EUR	59, 6, Std. Tri & Quad, N48, Coax 9	RCEUR-250 (Part # 42004)	Orange	42006
SDT Coax 9	Coax 9	RC9-250 (Part # 36739)	Green	36733



# DDT - DUAL DROP TRIMMER

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- > Small Combo Body Design that allows cable preparation of 59,6, N48 and 11 coax cable (std,tri and quad) without any adjustment or blade cassette change out
- > One Step cable preparation precisely exposes the center conductor by 5/16 in. (7.93 mm) and removes the proper length of jacket at 1/4 in. (6.35 mm)
- > LDT-MINI, LDT-MINI-125 and LDT-MINI-1 has 1.4 inches (6.35mm) center conductor exposure
- > Supplied with a unique polymer braid brush attachment for folding back the braid after cable preparation
- > Built-in strip stop for precise preparation every time
- > Lightweight, impact resistant "High-Visibility" yellow polymer construction
- > Superior quality tool steel blade cassettes will perform 3500+ preparations under normal use
- > Blade cassettes are color-coded and marked with cable series type for easy identification
- > US Patent No.: 5,713,132
- > Length: 3.63 in. (92.08 mm)
- > Weight: 2.0 oz (57g)
- > Made of American and Chinese parts
- > Engineered in the U.S.A
- > See tables for part numbers

# DDT - DUAL DROP TRIMMER

## Ordering Guide for Dual Drop Trimmers

- > DDT can be supplied with a Mini Coax Cable cassette in place of 11 cassette – See table for models available
- > MINI models used on 22-24 AWG size cables and MINI-1 used on 24-26 AWG size cables
- > Blade cassettes are color-coded and marked with cable series type for easy identification
- > RBB Replacement Braid Brushes - Package of 5 each Part No.: 42679

**Note: For 6 and 11 Series Plenum Cable see the DDT 6/11PL**

Model	Drop Cable Series	Part #
DDT-596/7	For 59, 6, N48 and 7 Coax Cable	42185
DDT-596/11	For 59, 6, N48 and 11 Coax Cable	38590
DDT-EUR/11	For 59, 6, N48, Coax 9 and 11 Coax Cable	42012
DDT-596/MINI	For 59, 6, N48, MINI and N35 Coax Cable	38591
*DDT-596/MINI-1	For 59, 6, N48 and MINI Coax Cable	42311
DDT-EUR/MINI	For 59, 6, N48, Coax 9, MINI and N35 Coax Cable	42018
*DDT-EUR/MINI-1	For 59, 6, N48, Coax 9 and MINI Coax Cable	42327
DDT-UTP	CAT5, CAT 5E, & CAT 6	42452

\*DDT can be supplied with a Mini Coax Cable cassette in place of 11 cassette – See table for models available

## DDT MINI Models will prepare the cables in the table below

MINI Cable Manufacturer	Cable Identification
Belden	YR 46940, 1283, 1283S, 1855, 1855A, 7534, YR50390
Beta Cavi	N35
CommScope*	7538, 7538B, 7539/7539H, 73501S
Honeywell	5019, 5029, 5099
Times Fiber	T75M67T-VBV, T75MQ65/40-VBV

**Note: Please call Customer Service for cable manufacturers not listed.**

Replacement Blade Cassettes	Drop Cable Series	Color	Part #
RC596-250	59, 6 and N48	Red	35241
RC11-250	11	Black	35243
RC EUR-250	59, 6, N48 and Coax 9	Orange	42004
RC MINI-250	MINI and N35	White	38587
*RC MINI-1-250	MINI 24-26 AWG	Tan	42314
RC 6PL-250	6 Plenum	Blue	42315
RC-UTP	CAT 5, CAT 5E, & CAT 6	Yellow	42687
RC-UTP-10G	CAT-10G	Yellow	42768

\*Used with Belden HC2650R, 1279R and 2648 cables only

# LDT - LIGHTWEIGHT DROP TRIMMER



- Lightweight and compact body design allows cable preparation of 59,6 and N48 coax cable (std, tri and quad) without adjustment or blade cassette change out
- One step cable preparation precisely exposes the center conductor by 5/16 in. (7.93 mm) and removes the proper length of jacket at 1/4 in. (6.35 mm)
- LDT-MINI, LDT-MINI-125 and LDT-MINI-1 has 1/4 inches (6.35mm) center conductor exposure
- Supplied with unique polymer braid brush attachment for folding back the braid after cable preparation
- Built in strip stop for precise preparation every time
- Lightweight, impact resistant "High-Visibility" yellow polymer construction
- Superior quality tool steel blade cassettes will perform 3500+ preparations under normal use
- Blade cassettes color-coded and marked with cable series type for easy identification
- Length: 4 in. (102 mm)
- Weight: 0.8 oz (23 g)
- Made of Chinese and American parts
- Engineered in the U.S.A
- See tables for part numbers

Model/Part#	Drop Cable Series	Replacement Cassettes	Color
LDT596-250 (Part # 38830)	59, 6 and N48	RC596-250 (Part # 35241)	Red
LDT EUR (Part# 42009)	59, 6, N48 and Coax 9	RCEUR-250 (Part # 42004)	Orange
LDT MINI (Part # 38833)	MINI (22-24) and N35 AWG	RCMINI-250 (Part # 38587)	White
LDT MINI-125 (Part # 42590)	MINI (22-24) and N35 AWG	RCMINI-125 (Part # 42593)	Grey
*LDT MINI-1 (Part# 42310)	MINI (24-26 AWG)	RCMINI-1-250 (Part # 42314)	Tan
LDT MINI NS (Part # 38985)	MINI (24-26 AWG)	RCMINI-1-250 (Part # 42314)	White
LDT 6-PL (Part # 42313)	6 Plenum	RC 6PL-250 (Part # 42315)	Blue
LDT-UTP (Part # 42688)	CAT5, CAT 5E & CAT 6	RC-UTP (Part # 42687)	Yellow

\*LDT MINI-1 can only be used with CommScope® cable in the table below

## LDT MINI Model will prepare the following cables:

MINI Cable Manufacturer	Cable Identification
Belden	*HC2650R, YR 46940, 1283, 1283S, *1279R, 1855, 1855A, *2648, 7534 YR50390
Beta Cavi	N35
CommScope*	7534 #23AWG, 7538, 7538B, 7539/7539H, 73501S
Honeywell	5019, 5029, 5099
Times Fiber	T59M67T-VBV, T59MQ65/40-VBV

**Note:** Please call customer service for additional information

## UDT - UNIVERSAL DROP TRIMMER

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- Prepares ALL 59, 6, N48, 7, 11 drop cable constructions as per SCTE and Bellcore specifications
- ONE STEP cable preparation exposes the center conductor and removes the jacket
- Built-in strip stops
- ONE TOOL with interchangeable blade cassettes will expose the center conductor by 5/16 in. (7.93 mm) and remove the proper length of jacket at 1/4 in. (6.35 mm)  
(NOTE: Tool is not intended for Plenum Series Cable Construction)
- Blade cassettes color-coded and marked with cable series type and braid preparation dimensions for easy identification
- Unique cassette storage compartment holds two extra cassettes
- High impact, "Hi-Visibility Red", polymer construction
- Compact size fits in one hand
- Series 59, 6, N48 cassettes are to be used in tool cavity Side (A) only, Series 7, 11 and 11Q in the opposite cavity only
- No adjustments or extra tools required
- Made in the U.S.A.
- U.S. Patent No.: 5,713,132
- Length: 5.5 in. (139.7 mm)
- Weight: 4.5 oz (127 g)
- See table for part numbers



# UDT - UNIVERSAL DROP TRIMMER

## Ordering Guide for UDT Universal Drop Trimmers For .250 (1/4") 6.4 mm Cable Preparation



Model/Part#	Drop Cable Series	Blade Cassettes Assembled in Tool	Two Extra Blade Cassettes in Storage Compartment
UDT711-250 (Part# 35238)	7 1 11Q*	RC7-250 (Part# 35242) RC11-250 (Part# 35243)	RC7-250 (Part# 35242) RC11Q-250 (Part# 35244)
UDT59611-250 (Part# 35220)	59 6 11 11Q N48	RC596-250 (Part# 35241) RC11-250 (Part# 35243)	RC596-250 (Part# 35241) RC11Q-250 (Part# 35244)
UDT596711-250 (Part# 35221)	59 6 711 11Q* N48	RC596-250 (Part# 35241) RC11-250 (Part# 35243)	RC7-250 (Part# 35242) RC11Q-250 (Part# 35244)

## Replacement Blade Cassettes for SDT and UDT (2 cassettes per package)

Replacement Cassettes	Color	Cable
RC11-250 (Part# 35243)	Black	11
RC11Q-250 (Part# 35244)	Gray	11Q*
RC7-250 (Part# 35242)	Green	7
RC596-250 (Part# 35241)	Red	59, 6, N48

\* 11Q blade cassette is specifically for current Belden, CommScope\* and Times Fiber Communication 11 Quad Series cable construction

## LDT-UTP- UTP JACKET TRIMMER

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- LDT-UTP is used for stripping the jacket on CAT5, CAT5E and CAT6 UTP/STP cables
- Molded blade cassette ensures precise jacket stripping with no nicking/scoring of the twisted pair conductors
- Factory pre-set cassette blades require no adjustment by the installer
- Note: Tool is not intended for Plenum Series Cable construction
- Made of American and Chinese Parts
- Engineered in the U.S.A.
- Length: 4 in. (102mm)
- Weight: 0.8 oz (23g)
- Part #: 42688

## DDT-UTP- UTP JACKET TRIMMER

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- DDT-UTP combo design is used for stripping the jacket on CAT5, CAT5E, CAT6 and the larger O.D. 10G types of UTP/STP cables
- Molded blade cassette ensures precise jacket stripping with no nicking/scoring of the twisted pair conductors
- Factory pre-set cassette blades require no adjustment by the installer
- DDT combo model reduces the number of tools required to prepare various sizes of twisted pair (UTP/STP) cable
- Note: Tool is not intended for Plenum Series Cable construction
- Made of American and Chinese Parts
- Engineered in the U.S.A.
- Length: 3.63 in. (92mm)
- Weight: 2 oz (57g)
- Part #: 42452

# SMART-STRIP

## DATA CABLE STRIPPER

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- > Versatile and compact tool suitable for all types of standard insulation
- > Smart-Strip produces an accurate depth of cut to any standard insulated size of wire or cable in the 0.03 to 0.39 in. (0.75 - 10 mm) range
- > Strips UTP & STP data network cable
- > Detailed depth adjustment mechanism allows the operator to change settings across standard insulations and a variety of delicate and irregular shielded multicore cables
- > Spring loaded action
- > Fixed depth version also available
- > Made in China
- > Weight: 1.4 oz (40 g)
- > Dimensions: 3.8 x 0.75 x 1.5 in. (97 x 19 x 38 mm)
- > Part #: 39470



# DCS- DROP CABLE SLITTER

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- > Designed to slit the web on 59, 6, 7 & 11 series messengered and dual cables in the following cable configurations:
  - Messengered coaxial drop cable
  - Dual coaxial drop cable
  - Dual coaxial messengered drop cable
  - Dual coaxial and twisted pair cable
  - Dual messengered coaxial and twisted pair cable
  - Will also slit various messengered fiber drop cables
- > Provides a clear view of slitting action
- > Works on PVC and Polyethylene jackets
- > Built-in saddle and spring loaded jaw permits easy positioning of cable
- > Built-in shaving blade removes residual ridge material allowing easy connectorization
- > No blade adjustments required
- > Ergonomic, user-friendly design
- > Lightweight and compact, fits in the palm of your hand for easy one hand operation
- > High visibility red color
- > Made in the U.S.A.
- > Length: 2.75 in. (70 mm)
- > Weight: 5 oz (140 g)
- > U.S. Patent No.: 6,131,289
- > Part #: 36340
- > Replacement Blades – Slitting: CB 209 (Part #: 36343)  
Shaving: CB 283 (Part #: 36349)

## CR - HEX CRIMP TOOL



- > For CATV, MATV and STV type cable hex crimp connectors
- > Precision quality alloy steel jaws are self-bottoming and will not over-crimp
- > Toggle action delivers correct crimping force
- > Rugged components for long, trouble-free performance
- > Star wheel permits precise, easy compression adjustment
- > Easy-to-read hex sizes stamped on frame
- > Full-cushion handles will not slide off
- > Rugged steel frame with heat treated pins for maximum strength and operating life
- > Made in the U.S.A.
- > Length: 9.00 in. (229 mm)
- > Weight: 1 lb 9 oz (708 g)

### Ordering Guide for CR Tools

#### CATV/MATV/STV Cables

Model	Hex Size		Contact Hex	
	in.	mm	in.	mm
CR 211CX (Part # 33315)	.475	12.07	.096	2.43
CR 270/213 (Part # 35463)	.270/.213	6.85/5.41	-	-
CR 41Q (Part # 33275)	.453/.315	11.15/8.00	-	-
CR 470/410 (Part # 35460)	.470/.410	11.94/10.41	-	-
CR 596B (Part # 33320)	.324/.262	8.23/6.65	-	-
CR 596QL (Part # 33335)	.360/.324	9.14/8.23	-	-
CR 611QL (Part # 34475)	.470/.324	11.94/8.23	-	-
CR 611Q2 (Part # 34485)	.475/.324	12.07/8.23	.100	2.54
CR 611U (Part # 34930)	.475/.360	12.07/9.14	.096	2.43



## RJC- CRIMPING - RJ CONNECTORS

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- Crimps RJ22 and RJ45 modular RJ connectors (4P, 6P, 8P)
- Comfortable and ergonomic plastic grips
- Wire cutter and Jacket stripper built into tool body
- Easy release ratcheting mechanism for ease of assembly
- Ratchet mechanism can be released mid-cycle
- Replacement Blades (package of 2) Part No: 80757
- Length: 7-3/4 in. (197 mm)
- Weight: 12 oz (340 g)
- Made in Taiwan
- Part #: 80756

## BTC- CRIMPING - BT/RJ CONNECTORS

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- Crimps British Telecom 630A/631A modular connectors
- Crimps RJ11, RJ12 & RJ45 connectors
- Comfortable and ergonomic plastic grips
- Wire cutter and jacket stripper built into tool body
- Easy release ratcheting mechanism for ease of assembly
- Ratchet mechanism can be released mid-cycle
- Replacement Blades (package of 2) Part No: 80757
- Length: 197 mm (7-3/4 in)
- Weight: 340 g (12 oz)
- Made in Taiwan
- Part #: 40000

# Compression Assembly Tools

## C.A.T. Product Line

- > Tools designed for all types and brands of compression connectors
- > Field proven - high strength cast aluminum body
- > Tools provide a clear view of the connector assembly compression action
- > Spring loaded, split jaws position the cable and connector for easy insertion and removal
- > Ergonomic, user friendly design
- > Made in the U.S.A.
- > U.S. Patent Nos.: 5,934,137 and 5,647,119
- > Length: 7 in. (178 mm)
- > Weight: 1 lb (454 g)

## C.A.T.- UNIVERSAL



- > Configured with the "Universal" plunger tip, factory preset and calibrated to assemble the following 59/6 series connectors:  
 Arris - Digicon-S™ & T™, Corning Cabelcon-CX3, Corning Gilbert ULTRAEASE™, Corning Gilbert ULTRARANGE™, F-Conn-FS, PCT-DRS, PPC - EX XL, CMP, Belden SNAP-N-SEAL® Holland SLC

- > Plunger tip can be changed out to allow assembly of other compression connectors (EX and IEC)
- > Calibration / gauge block and hex wrench supplied with tool

## C.A.T.- UNIVERSAL-FX

- > FX model tool has same "Universal" plunger tip as the Universal Model but is "fixed" (plunger tip factory set, calibrated, and non-adjustable)
- > Assembles the same connectors as the C.A.T.-UNIVERSAL
- > FX model does not allow future plunger tip changeover



### ORDERING GUIDE FOR C.A.T. TOOLS

C.A.T. Model	59/6 Series		Plunger Tip Color Code
C.A.T.- UNIVERSAL (Part# 36175-1) & C.A.T.- UNIVERSAL-FX (Part# 37260)	Arris-Digicon DS & DT™ Belden SNAP-N-SEAL® Corning Cabelcon-CX3 Corning Gilbert F-UE, F-UE-M, Corning Gilbert ULTRARANGE™ Corning Gilbert ULTRASHIELD™ Corning Gilbert EFC	F-Conn-FS Holland SLC PCT-DRS PPC-EX XL PPC-CMP TFC QCII	Green
C.A.T.-EX (Part# 36173)	PPC EX	PCT-TRS	Black
C.A.T.-IEC/ RCA-FX (Part# 37765)	AArris-Digicon DS & DT™, DS-RCA F-Conn-FS, FSC Holland SLC PCT-DRS PCT-DRS-IECF PCT-DRS-IECM PPC CMP-MC, CMP-RCA, CMP-IEC PPC-EX XL PPC-CMP Corning Gilbert EFC	TFC QCII Belden SNAP-N-SEAL® Corning Cabelcon-CX3 Corning Cabelcon-CX3-IECF Corning Cabelcon-CX3-IECM Corning Gilbert F-UE, F-UE-M, RCA-UE, RCA-UE-M Corning Gilbert ULTRARANGE™ Corning Gilbert ULTRASHIELD™	

# C.A.T.-AS- ALL SERIES



- > Unique C.A.T. allows assembly of Series 59/6, 7, and 11 drop connectors in one versatile tool
- > Two sets of jaws, precision designed - one set for 59 & 6 connectors, and another set for 7 & 11 connectors
- > Field proven design based on original Cablematic® C.A.T. design with high strength cast aluminum body
- > Spring loaded, split jaws position the cable and connector for easy insertion and removal
- > Available in a "fixed" model (C.A.T.-AS-FX) with a fixed, factory set plunger tip that is non-adjustable.
- > Made in the U.S.A.
- > U.S. Patent Nos.: 5,934,137; 5,647,119 and 6,820,326
- > Length: 7.4 in. (187 mm)
- > Weight: 1.1 lb (500 g)

CAT-AS Model	59/6 Series	7 Series	11 Series	Plunger Tip Color Code
C.A.T.-AS (Part# 37720) & C.A.T.-AS-FX (Part# 37835)	Arris-Digicon DS & DT™ Belden SNAP-N-SEAL® Corning Cabelcon-CX3 Corning Gilbert ULTRARANGE™ Corning Gilbert ULTRASHIELD™ Corning Gilbert EFC F-Conn-FS Holland SLC PCT-DRS PPC-CMP, PPC-EX XL TFC QCII	Arris-Digicon DS & DT™ Belden SNAP-N-SEAL® Corning Gilbert ULTRASEAL™ PPC-EX	Belden SNAP-N-SEAL® Corning Cabelcon-CX3 Corning Gilbert ULTRARANGE™ Corning Gilbert ULTRASEAL™ Corning Gilbert ULTRASEAL™ 320 QR Corning Gilbert URS-MH PCT-DRS, PCT-DRS-320QR PPC-EX, PPC-EX320QR TFC QCII	Green
C.A.T.-AS-EX (Part# 37780)	PCT-TRS PPC-EX, PPC-CMP-MC	PCT-TRS PPC-EX	Belden SNAP-N-SEAL® Corning Cabelcon-CX3 Corning Gilbert ULTRARANGE™ Corning Gilbert ULTRASEAL™ Corning Gilbert ULTRASEAL™ 320 QR PCT-DRS, PCT-DRS-320QR PPC-EX, PPC-EX320QR TFC QCII	Black
C.A.T.-AS-DIGICON (Part# 37785) & C.A.T.-AS-DIGICON-FX (Part# 37845)	Arris-Digicon DS & DT™ Corning Cabelcon-CX3 Corning Gilbert F-UE, F-UE-M Corning Gilbert ULTRARANGE™ Corning Gilbert ULTRASHIELD™ Corning Gilbert EFC F-Conn-FS Holland SLC PCT-DRS PPC-CMP, PPC-EX XL TFC QCII	Arris-Digicon DS & DT™	Corning Gilbert URS-MH PCT-DRS, PCT-DRS-320QR PPC-EX, PPC-EX320QR Arris-Digicon DS & DT™ TFC QCII	Gray
C.A.T.-AS-IEC/RCA-FX (Part# 37830)	Arris-Digicon DS & DT™, DS-RCA Belden SNAP-N-SEAL® Corning Cabelcon-CX3 Corning Cabelcon-CX3-IECF Corning Cabelcon-CX3-IECM Corning Gilbert F-UE, F-UE-M, Corning Gilbert EFC RCA-UE, RCA-UE-M Corning Gilbert ULTRARANGE™ Corning Gilbert ULTRASHIELD™ F-Conn-FS, F-Conn-FSC Holland SLC PPC-EX XL, PPC-CMP, PPC-CMP-RCA, PPC-CMP-IEC PCT-DRS, PCT-DRS-IECF PCT-DRS-IECM TFC QCII	Arris-Digicon DS & DT™ Corning Gilbert ULTRASEAL™ PPC-EX Belden SNAP-N-SEAL	Belden SNAP-N-SEAL® Corning Cabelcon-CX3 Corning Gilbert ULTRARANGE™ Corning Gilbert ULTRASEAL™ Corning Gilbert ULTRASEAL™ 320 QR Corning Gilbert URS-MH PCT-DRS, PCT-DRS-320QR PPC-EX, PPC-EX320QR	

# C.A.T.- MULTIMEDIA



- > Compression tool design allows for quick and easy assembly of 59/6 "F", "F" MINI and manufacturer specific RCA and BNC connectors
- > Field-proven design based on original Cablematic C.A.T. series with high strength aluminum body
- > Two sets of jaws, specifically positioned for 59/6 "F", RCA and BNC connectors
- > Spring loaded, split jaws position the cable and connector for easy insertion and removal
- > Fast and efficient cable assembly compression. User can go from assembling "F" type, RCA and BNC connectors with no special adapters or adjustments with Corning Gilbert/Digicon/F-Conn connectors
- > Tool is factory calibrated and set to provide the user with a truly fail safe assembly tool for the multimedia environment
- > Made in the U.S.A.
- > U.S. Patent Nos: 5,934,137; 5,647,119 and 6,820,326
- > Length: 7.4 in. (187 mm)
- > Weight: 1.1 lb (500 g)

Model	Tool Color	Connector Manufacturer	Connectors 59/6	Part #
C.A.T- MULTIMEDIA	Red	Digicon & F-Conn Corning Gilbert,	Digicon-DS, DT, DSU, DS-RCA, DS-RCA MINI, DS-BNC F-Conn-FS, FSU,FS-RCA,FSC-BNC F-UE,F-UE-M,RCA-UE, RCA-UE-M,BNC-UE,BNC-UE-M ULTRARANGE F Corning Gilbert EFC	38855

# C.A.T.-AIO - ALL IN ONE



- This all-in-one compression tool design allows for assembly of series 59/6, 7, 11 and MINI drop connectors from most connector manufacturers (Arris/Telewire, Corning Cabelcon, Corning Gilbert, F-Conn, PCT, PPC and Belden)
- C.A.T. -AIO (Part #: 38480-012) is supplied with two unique interchangeable plunger tips IPT1A/1B (Part #: 38450) and IPT2A/2B (Part #: 38451) that will assemble the majority of all the universal series of 59/6, 7 and 11 connectors as well as 59/6 PPC-EX and PCT-TRS. Additional IPT's are available for RCA, BNC, IEC and other F connector applications. For additional IPT applications, contact Customer Service
- The C.A.T.-AIO KIT (Part #: 38480-007) comes standard with 2 interchangeable plunger tips (IPT 1A/1B and IPT 2A/2B), a DDT 96/11 coax stripper, a gauge block and hex wrench for calibration – all stored in its own plastic case. Other kits are available with different varieties of interchangeable plunger tips and coax stripping tools
- Field-proven design based on original Cablematic® C.A.T. series with high strength cast aluminum body
- Easy tool calibration with supplied gauge block and star adjustment wheel on the handle
- The C.A.T.-AIO KIT allows the user to pick and choose only the additional plunger tips that are required for their unique applications
- Plunger tip to connector Guide Chart is provided in Tool Kit Case for ease of proper plunger selection.
- Made in the U.S.A.
- U.S. Patent Nos.: 5,934,137; 5,647,119 and 6,820,326
- Length: 11.5 x 8.25 x 2.5 in. (292 x 210 x 63.5 mm)
- Weight: 2.9 lb (1315 g)
- C.A.T.-AIO Part #: 38480-012
- C.A.T.-AIO KIT Part #: 38480-007
- See tables for all part numbers



Note: IPT with a like number and a suffix A or B indicates that the plunger is 2-sided. The "A" side assembles connectors indicated and the "B" side assembles connectors indicated.

# C.A.T.-AIO - ALL IN ONE

## Ordering Guide for C.A.T.-AIO Tools

Plunger Mode	F-59/6 Series	F-7 Series	F-11 Series	RCA	BNC	Part #
IPT 1A	Arris-Digicon-DS & DT™ Belden Corning Cabelcon-CX3 Corning Cabelcon-CX3-IECF Corning Cabelcon-CX3-IECM Corning Gilbert EFC Corning Gilbert F-UE, F-UE-M Corning Gilbert-ULTRARANGE™ Corning Gilbert EFC F-Conn-FS Holland SLC PCT-DRS, PCT-DRS-IECF PCT-DRS-IECM PPC-EX XL, PPC-EX-XLWS PPC-CMP, PPC-CMP-IEC PPC-CMPF-MINI SNAP-N-SEAL® Universal Series	Arris-Digicon-DS7™ (feed thru)		Arris-Digicon-DS-RCA Corning Gilbert-RCA-UE Corning Gilbert-RCA-UE-M F-Conn-FS-RCA PPC-CMP-RCA PPC-CMP-RCA-MINI		38450
IPT 1B		Belden Corning Gilbert-ULTRASEAL™ PPC-EX SNAP-N-SEAL® Universal Series	Belden Corning Gilbert-ULTRARAE™ Corning Gilbert-ULTRASEAL™ Corning Gilbert-ULTRASEAL 320QR Corning Gilbert URS-MH PPC-EX, PPC-EX320QR SNAP-N-SEAL® Universal Series PCT-DRS-11			38450

Note: IPT with a like number and a suffix A or B indicates that the plunger is 2-sided. The "A" side assembles connectors indicated and the "B" side assembles connectors indicated.

# C.A.T.-AIO - ALL IN ONE

## Ordering Guide for C.A.T.-AIO Tools

Plunger Mode	F-59/6 Series	F-7 Series	F-11 Series	RCA	BNC	Part #
IPT 2A	PPC-EX, PPC-CMP-MC PCT-TRS					38451
IPT 2B			Arris-Digicon-DS & DT™ F-Conn-FS			38451
IPT 3A	Arris-Digicon-DS & DT™ Belden Corning Cabelcon-CX3 Corning Cabelcon-CX3-IECF Corning Cabelcon-CX3-IECM Corning Gilbert F-UE, F-UE-M Corning Gilbert- ULTRARANGE™ Corning Gilbert EFC F-Conn-FS Holland SLC PCT-DRS, PCT-DRS-IECF PCT-DRS-IECM PPC-EX XL, PPC-EX-XLWS PPC-CMP, PPC-CMP-IEC PPC-CMPF-MINI SNAP-N-SEAL® Universal Series	Arris-Digicon-DS7™ (feed thru)		Arris-Digicon-DS-RCA Corning Gilbert- RCA-UE Corning Gilbert-RCA- UE-M F-Conn-FS-RCA PPC-CMP-RCA PPC-CMP-RCA-MINI		38452
IPT 3B				Belden SNAP-N-SEAL® Stirling RCA		38452
IPT 4					Belden SNAP-N-SEAL®	38453

Note: IPT with a like number and a suffix A or B indicates that the plunger is 2-sided. The "A" side assembles connectors indicated and the "B" side assembles connectors indicated.

# C.A.T.-AIO - ALL IN ONE

## Ordering Guide for C.A.T.-AIO Tools

Plunger Mode	F-59/6 Series	F-7 Series	F-11 Series	RCA	BNC	Part #
IPT 5					Corning Gilbert- BNC-UE, BNC-UE-M	38454
IPT 6					Arris-Digicon-DS & DT™ F-Conn-FS Stirling RCA	38455
IPT 7					PPC-EX-BNC PPC-CMP-BNC PPC-CMP-BNC- MINI	38456
IPT 9A	Arris-Digicon-DS & DT™ Corning Cabelcon-CX3 Corning Cabelcon-CX3-IECF Corning Cabelcon-CX3- Corning Gilbert EFC IECM Corning Gilbert F-UE, F-UE-M Belden SNAP-N-SEAL® Corning Gilbert- ULTRARANGE™ F-Conn-FS Holland SLC PCT-DRS, PCT-DRS-IECF PCT-DRS-IECM PPC-EX XL, PPC-EX-XLWS PPC CMP, PPC-CMP-IEC PPC-CMPF-MINI Universal Series	Arris-Digicon- DS7™ (feed thru)		Arris-Digicon-DS- RCA Corning Gilbert- RCA-UE Corning Gilbert- RCA-UE-M F-Conn-FS-RCA PPC-CMP-RCA PPC-CMP-RCA-MINI 0Arris-Digicon-DS- RCA Corning Gilbert- RCA-UE Corning Gilbert-RCA- UE-M F-Conn-FS-RCA PPC-CMP-RCA PPC-CMP-RCA-MINI		38458

Note: IPT with a like number and a suffix A or B indicates that the plunger is 2-sided. The "A" side assembles connectors indicated and the "B" side assembles connectors indicated.



# C.A.T.-AIO - ALL IN ONE

## Ordering Guide for C.A.T.-AIO Tools

Plunger Mode	F-59/6 Series	F-7 Series	F-11 Series	RCA	BNC	Part #
IPT 9B			Arris-Digicon-DS & DT™ F-Conn-FS			38458
IPT 10A	Arris-Digicon-DS & DT™ Belden SNAP-N-SEAL® Corning Cabelcon-CX3 Corning Cabelcon-CX3-IECF Corning Cabelcon-CX3-IECM Corning Gilbert F-UE, F-UE-M Corning Gilbert- ULTRARANGE™ Corning Gilbert EFC F-Conn-FS, Holland SLC PCT-DRS, PCT-DRS-IECF PCT-DRS-IECM PPC-EX XL, PPC-EX-XLWS PPC CMP, PPC-CMP-IEC PPC-CMPF-MINI Universal Series PPC-EX, PPC-CMP-MC PCT-TRS	Arris-Digicon-DS7™ (feed thru)		Arris-Digicon-DS-RCA Corning Gilbert- RCA-UE Corning Gilbert-RCA- UE-M F-Conn-FS-RCA PPC-CMP-RCA PPC-CMP-RCA-MINI		38459
IPT 10B						38459
IPT 11A		Arris-Digicon-DS7P (pin type)				38460
IPT 11B			Arris-Digicon-DS & DT™ F-Conn-FS			38460

Note: IPT with a like number and a suffix A or B indicates that the plunger is 2-sided. The "A" side assembles connectors indicated and the "B" side assembles connectors indicated.

# C.A.T.-AIO - ALL IN ONE

## Ordering Guide for C.A.T.-AIO Tools

Plunger Mode	F-59/6 Series	F-7 Series	F-11 Series	RCA	BNC	Part #
IPT 15A	Holland SLCM-1855 FP					38464
IPT 15B			Holland SLC 11			38464
IPT 16					Holland Liberty	42022
IPT 18A	Holland SLC Liberty					42024
IPT 18B					Holland Liberty	42024
IPT 20A	Corning Cablecon-CX3					42057
IPT 20B			Corning Cablecon-CX3			42057
IPT 25A	Corning Cablecon-M45					42597
IPT 25B	PPC-EX, PCT-TRS					42597

Note: IPT with a like number and a suffix A or B indicates that the plunger is 2-sided. The "A" side assembles connectors indicated and the "B" side assembles connectors indicated.

# TORQUE TOOLS

## **All of our quality torque wrenches share many of the same features including...**

- > Prevent damage to equipment from over or under tightening
- > Proper connectorization at "F" connector interface with factory preset torque setting
- > Audible "clicking" sound to indicate proper calibrated torque
- > High visibility yellow cushion grip body
- > Model number, torque inch-pounds and wrench size stamped on tool for easy identification
- > Available in multiple torque (inch-pound) settings and wrench sizes
- > Wrenches work in tightening mode only
- > Made in the U.S.A.
- > Length: 6.50 in. (165 mm)
- > Weight: 6.5 oz (182 g)
- > See table for part numbers

## TW - TORQUE WRENCH



- > Available in a range of straight head sizes
- > Tap port re-threader on end of tool body
- > Versions also available with insertion tool fitting on end of tool instead of tap port re-threader
- > Handy, removable belt loop

Torque		Wrench Sizes & TW Model/Part #			
In Lb	Nm	*7/16 in. (11.1 mm)	1/2 in. (12.7 mm)	9/16 in. (14.3 mm)	5/8 in. (15.9 mm)
20	2.26	TW 207 (Part# 35278)	TW 208 (Part# 36275)	TW 209 (Part# 36276)	
25	2.82	TW 257 (Part# 38838)		TW 259 (Part# 42225)	
30	3.39	TW 307 (Part# 35260)	TW 308 (Part# 35263)	TW 309 (Part# 35280)	
40	4.51	TW 407 (Part# 35261)	TW 408 (Part# 35264)	TW 409 (Part# 35281)	TW 4010 (Part# 35284)

\*7/16 in for universal "F" connectors

## TW-AH-B - BASIC ANGLED HEAD



- > Length: 6 in. (152mm)
- > Weight: 5 oz (142 g)

Torque in lb	Torque Nm	Wrench Size Model #	Part #
10	1.13	TW 107-AH-B	43380
20	2.26	TW 207-AH-B	37900
25	2.82	TW 257-AH-B	37903
30	3.39	TW 307-AH-B	37901
40	4.51	TW 407-AH-B	37902
12	1.36	TW 127-AH-B	43400

## TW-AH-S - SPEED HEAD



- > Allows fast tightening without removing wrench from tightener
- > Length: 5.75 in. (146mm)
- > Weight: 4.9 oz (139 g)

Torque in lb	Torque Nm	Wrench Size Model #	Part #
20	2.26	TW 207-AH-S	37995
25	2.82	TW 257-AH-S	38837
30	3.39	TW 307-AH-S	37997
40	4.62	TW 407-AH-S	37998

## TW-AH-516 - ANGLED HEAD



- > 5/16 in. socket on the end of tool body for tightening of tap faceplates
- > Length: 6 in. (152mm)
- > Weight: 5 oz (142 g)

Torque in lb	Torque Nm	Wrench Size Model #	Part #
20	2.26	TW 207-AH-516	37905
25	2.82	TW 257-AH-516	38839
30	3.39	TW 307-AH-516	37906
40	4.62	TW 407-AH-516	37907

## TW-AH - ANGLED HEAD

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- > Tap port rethreader on end of tool body.
- > Handy, removable belt loop
- > Length: 7.125 in. (181mm)
- > Weight: 5.6 oz (159 g)

Torque in lb	Torque Nm	Wrench Size Model #	Part #
20	2.26	TW 207-AH	36435
25	2.82	TW 257-AH	38840
30	3.39	TW 307-AH	36437
40	4.51	TW 407-AH	36438

## TW-AH-IT - ANGLED HEAD

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- > Connector insertion tool on body for fast and easy "F" connector insertions
- > Hand removable belt loop
- > Length: 7.125 in (181 mm)
- > Weight: 5.6 oz (159 g)

Torque in lb	Torque Nm	Wrench Size Model #	Part #
20	2.26	TW 207-AH/IT	36645
25	2.82	TW 257-AH/IT	37411
30	3.39	TW 307-AH/IT	36648
40	4.51	TW 407-AH/IT	36649

## TW-RA - RIGHT ANGLE

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**TW 227-RA-120 mm**

**TW 307-RA**

- > Ideal for hard to reach shielded "F" connector fittings where a preset torque setting is required
- > Security shield tool section pivots 90 degrees, allowing easy longitudinal access to the cable and connector for the final right angle torquing operation
- > Tool has audible "clicking" sound to indicate when the connector is torqued to the proper factory set wrench setting
- > Rugged steel construction for long life
- > 7/16 in. insertion socket built into end of tool handle
- > Torque: 22 in-lbs/ 2.49 NM
- > Made in China

### **TW-227-RA-120**

- > Total Length: 11 in. (279 mm)  
Security Tool Section: 4.71 in (119.5 mm)  
Handle Length: 6.34 in. (160.9 mm)
- > Weight: 10.4 oz (295 g)
- > TW 227-RA-120 mm Part #: 43225

### **TW-307-RA**

- > Total Length: 8.8 in. (223.3 mm)  
Security Tool Section: 2.47 in (62.7 mm)  
Handle Length: 6.34 in. (160.9 mm)
- > Weight: 8 oz (227 g)
- > TW 307-RA Part #: 43235

# RTF-716 - TORQUE TOOL



- > Improves long term quality of the system by applying the proper torque force to the "F" connector
- > Allows easy access and the ability to torque "F" connectors in high density locations such as head ends
- > Prevents damage to equipment from over or under tightening
- > Available in 4 torque settings  
 10 inch pounds - 1.1Nm  
 20 inch pounds - 2.5Nm  
 30 inch pounds - 3.4Nm  
 34 inch pounds - 3.8Nm  
 and 2 different shaft lengths (long or short) See table below
- > Tool torques only in the clockwise direction at a factory preset torque
- > Tool will not torque in the counter clockwise direction but can be used to remove the "F" connector cable assembly
- > Tool end shaft slips and an audible click sound indicates that the preset torque value has been reached.
- > Torque value is printed on end of tool handle
- > Socket extends approximately 9 in. (229 mm) from handle on long shaft and 4 in. (102 mm) from handle on short shaft. Socket head is .67 in. (17 mm) long.
- > Made in Germany



Type	Torque in lb	Torque Nm	Part #	Length	Weight
RTF-716-1.1L (Long)	10	1.1	43079	12.8 in (325mm)	6.8 oz (180 g)
RTF-716-1.1S (Short)	10	1.1	43078	8.5 in (215 mm)	6 oz (168 g)
RTF-716-2.5L (Long)	20	2.5	43081	12.8 in (325 mm)	6.8 oz (180 g)
RTF-716-2.5S (Short)	20	2.5	43080	8.5 in (215 mm)	6 oz (168 g)
RTF-716-3.4L (Long)	30	3.4	43186	12.8 in (325 mm)	6.8 oz (180 g)
RTF-716-3.4S (Short)	30	3.4	43185	8.5 in (215 mm)	6 oz (168 g)
RTF-716-3.8L (Long)	34	3.8	43086	12.8 in (325 mm)	6.8 oz (180 g)
RTF-716-3.8S (Short)	34	3.8	43085	8.5 in (215 mm)	6 oz (168 g)
RTF-716L Shaft (Long)			43088	11.8 in (300 mm)	1.5 oz (42 g)
RTF-716S Shaft (Short)			43087	7.9 in (200 mm)	1.07 oz (30 g)

## ITT 10-12- TORQUE TOOL 10-12 IN-LBS

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- Tightens F-connectors on all inside the house consumer electronics to 10-12 inch- lbs of torque
- Provides a consistent 10-12 inch-lbs of torque regardless of the installer
- Lightweight and rugged fiberglass filled nylon material construction
- Prevents damage to consumer electronics equipment due to over tightened connectors
- Prevents installer call backs due to loose connectors
- Minimize potential ingress/egress and signal loss issues
- Length: 2.25 in. (55 mm)
- Weight: 0.7 oz (19.84 g)
- Part #: 43060
- Made in China

## RT-F716N/ RT-BNC REMOVAL TOOL

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- Provides easy access to connectors in high-density locations such as cable racks
- Socket extends 8 in. from handle
- Nut on bottom of handle grip for torquing applications with 7/16 in. TW torque wrench
- Made in China
  
- RT-F716N has 7/16 in. head for "F" Connectors
- Length: 11.75 in. (298 mm)
- Weight: 3.4 oz (88 g)
- Part No.: 38330
- Made in China
  
- RT-BNC has formed head specifically for BNC connectors
- Length: 11.75 in. (298 mm)
- Weight: 3.1 oz (88 g)
- Part #: 38355



## TT 716 - TRAP TOOL

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- > Lightweight anodized aluminum and steel construction
- > Fits all standard traps
- > Fits 7/16 in. hex F-fittings
- > 7/16 in. hex head is machined heat treated steel
- > Length: 7.5 in. (19 mm)
- > Weight: 2.5 oz (71 g)
- > Made in China
- > Part #: 36780



## TST 716 - TRAP SECURITY TOOL COMBO

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- > Combines a trap wrench with a security wrench
- > Fits all standard traps
- > Lightweight anodized aluminum and steel construction
- > Security wrench made of heat treated steel - fits 7/16 in. hex F-fittings
- > Fits all sizes and types of metal security sleeves
- > Made in China
- > Length: 7.5 in. (190 mm)
- > Weight: 2 oz (57 g)
- > Part #: 36785

## T-7916 - TAP TOOL

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- > Has both 7/16 in. (11.1 mm) and 9/16 in. (14.3 mm) hex sizes
- > Handy tool for tightening F connectors on tap ports where security shields are not used
- > Works with most 59 and 6 hex connectors
- > Works with most 59 & 6 compression "F" fittings (Arris-Digicon-S™&T™, Corning Gilbert ULTRAEASE™, PCT-DRS, PPC-EX & EX-XL, Thomas & Betts SNAP-N-SEAL®, Stirling-SPL)
- > Works with some 7 & 11 compression "F" fittings (Corning Gilbert ULTRAEASE™-T, PPC-EX, Thomas & Betts SNAP-N-SEAL®, Stirling-SPL)
- > Rugged, aluminum design
- > Made in the U.S.A.
- > Length: 5 in. (127 mm)
- > Weight: 5 oz (142 g)
- > Part #: 37825



## CW-1- MULTI-SOCKET CAN WRENCH

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- > Wrench has reversible double sockets on each end
- > Impact resistant polymer handle also provides a storage compartment for additional sockets
- > Wrench is supplied with hex sockets 7/16 in., 3/8 in., 5/16 in., 1/2 in., 1/4 in., and 5/32 in. Security Hex
- > Sockets are all clearly stamped with hex size
- > Replaces the need to have 5 separate Nut Drivers
- > Unique lightweight design that offers multiple tools in one handle
- > Cost and application efficient
- > Made in China
- > Length: 7.75 in. (197 mm)
- > Weight: 10.4 oz (294 g)
- > Part #: 38521

## CW-71638- CAN WRENCH

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- > Allows universal access to network interface devices, telephone boxes and pedestals
- > Tightens nuts on binding post terminals
- > Deep 1 1/2 in. heat-treated sockets for long binding post
- > Ribbed handle for comfort, safety and greater torque capability
- > Combines 7/16 in. and 3/8 in. thin wall sockets in one handle
- > Wrench handle constructed of high quality impact and abrasion resistant polymer
- > Handle has 7/16 in. and 3/8 in. markings at the socket ends to distinguish each socket size
- > Made in China
- > Length: 7.00 in. (177.8 mm)
- > Weight: 4.9 oz (139 g)
- > Part #: 38795

# LTT-4 - LOCKING TERMINATOR TOOL



- > LTT-4-Short 4.5 in. (114 mm.) overall length design with 1 in. (25.4 mm) handle diameter provides improved gripping action.

Model/ Part #	Corning Gilbert	PPC	PCT Int'l	Viewsonics	Signal Vision	PDI, Inc
LTT-4 (Part # 36865)	GTP NS-5762-5 NS-5762-7 NS-3268-5	LFT PST	TPG	TR75GTL	SV-LT SV-LTA	PTP-59 PTP-59LR PTP-59-PB

# LTT-7- LOCKING TERMINATOR TOOLS

## LTT-7



- > Combo tools (LTT-7/V-23 and LTT-7/T-P) can accommodate a majority of the most popular terminators found in the field
- > Combo tools take up less space in the installer's tool pouch

- > Two terminating tools integrated into one versatile tool
- > Model LTT-7/V23 has the Viewsonics (2 and 3 prong) terminating tool on the opposite end of the LTT tool
- > Model LTT-7/T-P has the PPC-502 and the T&B -CLF/TRLF terminating tools on the opposite end of the LTT
- > Made in China
- > LTT-7 Length: 8 in. (203 mm) Weight: 4.2 oz (118 g)
- > LTT-7/V23 Length: 8.25 in. (210 mm) Weight: 4.34 oz (123 g)
- > LTT-7/T-P Length: 7.875 in. (200 mm) Weight: 4.34 oz (123 g)

## LTT-7/V23



## LTT-7/T-P

Model/ Part #	Corning Gilbert	PPC	PCT Int'l	Viewsonics	Signal Vision	PDI, Inc	T&B
LTT-7 (Part # 36855)	GTP NS-5762-5 NS-5762-7 NS-3268-5	LFT PST	TPG	TR75GTL	SV-LT SV-LTA	PTP-59 PTP-59LR PTP-59- PB	
LTT-7/V23 (Part # 38705)	GTP NS-5762-5 NS-5762-7 NS-3268-5	LFT PST	TPG	TR75GTL TRWGTL TR75GTL- PB TRWRLT* TR75LT* TR75LT-PB* TRWRLT3 TR75LT3 TR75LT3-PB	SV-LT SV-LTA	PTP-59 PTP-59LR PTP-59- PB	
LTT-7/T-P (Part # 38305)	GTP NS-5762-5 NS-5762-7 NS-3268-5	LFT 502 LTR 502 LTR NR PST	TPG	TR75GTL TR75GTL- PB TRWGTL	SV-LT SV-LTA	PTP-59 PTP-59LR PTP-59- PB	CLF CLFA TRLF TRLFA

## NS6270-1/NS6270-3

### TERMINATOR TOOL

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**NS6270-1**



**NS6270-3**

- > "Cam Style" terminator tool for Gilbert NS-5762-3, -9, -11, -13 and -15 terminators
- > NS6270-1 is the short length version and NS6270-3 is the long length version
- > Blue anodized aluminum construction
- > Made in China
- > NS6270-1 Length: 5.125 in. (130.2 mm) Weight: 4.1 oz (127.5 g)
- > NS6270-3 Length: 9.125 in. (231.8 mm) Weight: 6 oz (186.6 g)
- > NS6270-1 Part #: 42160
- > NS6270-3 Part #: 42170

## S-200/S-200WS

### SECURITY SHIELD

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- > For use with 7/16 in. hex shielded "F" connectors
- > New design with extended 7/16 in. shank allows the tools to be used with the TW Torque Wrenches in security shield applications
- > Machined and heat treated steel for maximum durability
- > Knurled handle allows for easy and secure gripping
- > Steel loop permits additional tool turning leverage and serves as a convenient carrying loop for attachment to belt or pouch
- > S-200WS especially designed to be used with PPC AquaTight® EX® Series connectors
- > Made in China
- > Length: 2.75 in. (70 mm)
- > Weight: 2.0 oz (57 g)
- > S-200 Part #: 35440
- > S-200WS Part #: 42195

## IT-F59,6 11" - "F" CONNECTOR INSERTION & FLARING TOOL COMBO

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- > For insertion of 59, 6, 7, & 11 series "F" connectors
- > Makes "F" connector insertion fast and easy even in cold temperatures
- > Flaring end of tool allows flaring or expansion of the cable providing easier insertion of "F" connectors
- > Recommended for polyethylene jacketed cables and plenum cables
- > Especially useful when using tri-shield and quad-shield cables
- > Insures proper connector and cable interface
- > Large plastic screwdriver-type handle provides leverage when inserting "F" connector to the drop cable
- > Heat treated shank
- > Made in the China
- > Length: 5.00 in (127 mm)
- > Weight: 3.5 oz (99 g)



## RPT-AAA - PREMISE TONER DROP CABLE CONTINUITY TESTER

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- > LED indicates DC shorts, splitters, and other self-grounding devices in cable
- > Loud audio tone identifies line carrying signal
- > Checks circuit integrity in new and/or installed cable
- > Right angle male push-on connector lets you work in tight areas
- > Female push-on connector for speed toning
- > Tests up to 5,000 ft (1500 m) of cable
- > Clips to shirt pocket for easy accessibility
- > AAA 1.5V battery included
- > Made in China
- > Length: 4.875 in. (124 mm)
- > Weight: 4 oz (113.4 g)
- > Tool Part #: 42345
- > Toner Section Replacement - Part #: 42349

## THT-532 5/32 IN TELEPHONE HEX TOOL

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- > Used to open 5/32 in. hex tamper resistant fasteners on communication pedestals and boxes
- > Heat-treated carbon steel shaft for long lasting strength
- > Four inch long plastic handle for extra leverage
- > Made in China
- > Length: 10.00 in. (254 mm)
- > Weight: 3.6 oz (101 g)
- > Part #: 38410

## CA - CABLE ASSIST

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- > Handy rubber cable grip especially designed to hold series 59,6,7 and 11 coaxial cable as well as other cable types, during the pulling operation and connector insertion
- > New desiT-7916 now provides a stable base for most data/voice modular jacks when punching down wire
- > Fits easily in the palm of your hand
- > Manufactured from a special flexible rubberized material for maximum cable and wire gripping action
- > Made in China
- > Size: 3 in. (76 mm) diameter
- > Weight: 1.4 oz (41 g)
- > Part #: 38842



## CT 375 - CARPET CUTTER & DRILL GUIDE

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### CT 375

- > For making fast and precise holes in carpeting when installing coax drop cable
- > Intended for wood underfloors (scalloped edge cutter) and prevents possible carpet snags while drilling through wood flooring
- > Made in the U.S.A.
- > Length: 3.0 x 6.375 in. (76 x 162 mm)
- > Weight: 15 oz (426 g)
- > Part #: 33480
- > Replacement Blade Part #: 33483

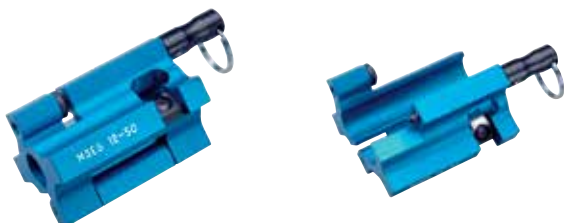
### CT 375C

- > CT-375C is for concrete and other underflooring (smooth cutter) and accomodates up to 3/8 in. drill bit
- > Made in the U.S.A.
- > Length: 3.0 x 6.375 in. (76 x 162 mm)
- > Weight: 15 oz (426 g)
- > Part #: 33485
- > Replacement Blade Part #: 33482



# MSES-50

## MID-SPAN/END STRIPPER



- > Mid-span and end stripping tool for fast and efficient removal of cable jacket on wireless 50 ohm coaxial cable
- > Designed to easily remove a section of cable jacket at mid span for the purpose of ground strap installation
- > The tool is self-feeding and can easily strip any desired length
- > Tools are cable size specific and designed to strip cable with no outer conductor damage
- > Unique spring loaded locking bolt opens the tool body halves for quick and easy positioning onto the cable
- > Convenient pull ring at the end of the locking bolt also serves as a means of attachment to tool belt / pouch
- > Made in the U.S.A.
- > Length: 4.3 in. (109 mm)
- > Weight: 12.5 oz (354 g)

### Ordering Guide for MSES-50 Mid Span/End Stripper (For Wireless 50 ohm coaxial cable)

#### Andrew, Eupen, NK and RFS Cables

Model/Part #	Cable Size (Inch)	Replacement Blades	Body Color
MSES-114-50 (Part# 36806)	1-1/4"	CB217 (Part # 36795)	Gold
MSES-78-50 (Part# 36809)	7/8"	CB 222 (Part# 37107)	Copper
MSES-12-50 (Part#36812)	1/2"	CB 223 (Part# 37111)	Blue

#### CommScope® Cable (Cell Reach™)

Model/Part #	Cable Size (Inch)	Replacement Blades	Body Color
MSES-CR-50-1070 (Part# 37104)	7/8"	CB 234 (Part# 37137)	Gold
MSES-CR-50-540 (Part# 37108)	1/2"	CB 235 (Part# 37138)	Gold

#### Times Microwave Cable (LMR®)

Model/Part #	Cable Size (Inch)	Replacement Blades	Body Color
MSES-GST-1700 (Part# 37132)	1.7"	CB 217 (Part# 36795)	Copper
MSES-GST-1200 (Part# 37128)	1.2"	CB 222 (Part# 37107)	Copper
MSES-GST-900 (Part# 37124)	0.9"	CB 223 (Part# 37111)	Copper
MSES-GST-600 (Part# 37097)	0.6"	CB 223 (Part# 37111)	Copper
MSES-GST-400A (Part# 42605)	0.4"	CB 223 (Part# 37111)	Copper



# FT 12-50/FT-114-50/FT-158-50

## Flaring Tools for 7/8", 1-1/4", 1-1/2", & 1-5/8" ohm Annular Corrugated Cable



- > For flaring the outer conductor end on 50 ohm 1/2 in., 7/8 in., 1-1/4 in. and 1-5/8 in. Annular Flexible Foam Core Cable
- > Fast, efficient and precise flaring
- > Large plastic screwdriver-type handle provides exact leverage while rotating the tool
- > Made in the U.S.A.
- > Length: 5.00 in. (127 mm)
- > Weight: 3.50 oz (99 g)
- > See table for part numbers

Model #	Cable Size	Part #
FT-78-50	7/8"	36845
FT-114-50	1-1/4"	37400
FT-12-50	1-1/2"	36640
FT-158-50	1-5/8"	37405

## DBT-U - DE-BURR TOOL



- > De-burrs center conductor on both 50 and 75 ohm hardline cables
- > Works on both copper and copper clad aluminum
- > Ideal for LMR240 to LMR600 Times Microwave Systems cables
- > Designed to de-burr center conductors from .050 in. to .230 in. (1.27mm to 5.84mm)
- > Large plastic screwdriver type handle provides exact leverage while rotating the tool
- > Made in the U.S.A.
- > Length: 4.75 in. (121 mm)
- > Weight: 3.4 oz (95 g)
- > DBT-U #: 42600

# CST - LMR STRIPPING TOOLS



**CST 400**



**CST 600**

- > **TWO STEP** tool for preparing standard Times Microwave 195/200, 240, 300, 400, 500 and 600 LMR coax cables
- > The first cut will prepare cable to the proper center conductor length. The second cut will remove the proper length of the outer jacket exposing the braid.
- > One tool prepares LMR cable for both crimp (EZ) and clamp (C) type connectors with a simple screw type (Red) selector for EZ and C type strip lengths
- > 400, 500 and 600 tool models have a built-in debur tool element
- > Tool will not prepare LMR-UF cable
- > Made of American and Chinese Parts
- > Engineered in the U.S.A
- > Length: 4 in.
- > Weight: 3.5 oz

**Please contact Times Microwave Systems at 800.867.2629 or sales@timesmicro.com for a list of their authorized distributors who sell these tools.**

Model #	Part #	Replacement Blade*
CST 195/200 LMR	43535	43293
CST 240 LMR	43530	43293
CST 300 LMR	43445	43293
CST 400 LMR	42630	43293
CST 500 LMR	43395	43293
CST 600 LMR	43285	43293

**\*Replacement blades sold: 5 each for 1st cut - 1 each for 2nd cut**

# CT300/400 - CT240/ 200/100 HEX CRIMP TOOL



- > Premium quality crimp tool for Times Microwave Systems LMR® cables and connectors
- > Fixed hex jaws (not replaceable) are precision alloy steel, self bottoming and will not over-crimp
- > Rugged steel frame for maximum strength and operating life
- > Made in the U.S.A.
- > Length: 9.0 in. (229 mm)
- > Weight: 1 lb 9 oz (708 g)

Model/Part #	Cable	Connector	Crimp Hex Size
CT300/400 (Part# 42465)	LMR300, LMR400	LMR300 & 400 Crimp Style	.324/.429
CT240/200/100 (Part# 42650)	LMR240, LMR200, LMR100	LMR240, LMR200 LMR 100 Crimp Style	.213/.128/.255

## HSK- ANTENNA HOLE SAW KITS



- > For the installation of permanent mount mobile antennas
- > Depth of hole limited to .125 in. (3.18 mm) to prevent damage to underlying headliners of vehicles
- > Special drill bit restricts walking of the saw
- > Shoulder scores paint for improved grounding
- > Designed for 3/8 in. (9.5 mm) or larger electric drills
- > Made in the U.S.A.
- > Length: 2.5 in. (64 mm)
- > Weight: 4.0 oz (113 g)

Model/Part #	Hole Sizes (in)	Hole Sizes (mm)
HSK-1 (Part# 26000)	3/4" & 1-5/16"	19.05 mm & 33.3 mm
HSK-19 (Part# 26016)	3/4"	19.05 mm
HSK-33 (Part# 26022)	1-5/16"	33.3 mm

Component	Description	Part #
HSA-1	Arbor	26013
HSC-19	3/4 in (19.05 mm) collar assembly	26015
HSC-33	1-5/16 in (33.3 mm) collar assembly	26014
SB-89	3/4 in (19.05 mm) two-blade pack	26029
SB-88	1-5/16 in (33.3 mm)	26030
HSPD-1	3/16 in (4.76 mm) pilot drill bit	26002

# SDT - SINGLE DROP TRIMMER

**For 50 ohm cables**



- > Prepares 50 ohm coax braided cables to 1/4 in. x 1/4 in. prep dimensions for 50 ohm connectors manufactured by Times Microwave, PPC, PCT and others
- > 400, 500 and 600 size models have built in de-burr element
- > No adjustment required
- > Made in the U.S.A.
- > Length: 46 in. (119 mm)
- > Weight: 1.6 oz (45 g)

<i>Model</i>	<i>Part #</i>	<i>Cable Type</i>	<i>RC Part #</i>
SDT 240-50	38651	240	38661
SDT 300-50	38652	300	38662
SDT 400-50	38653	400	38663
SDT 500-50	38654	500	38664
SDT 600-50	38655	600	38665



**MILLER®**

**Electrical, Electronic, Fiber Optics  
and  
Telecommunications**



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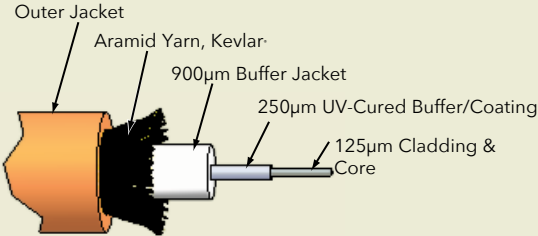
## TELECOM

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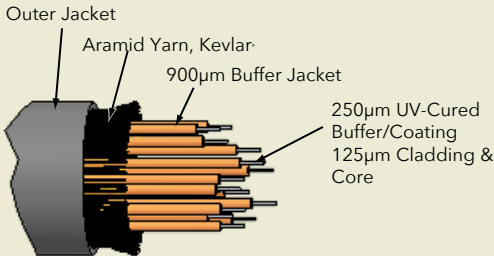
## EXAMPLES OF TYPICAL GLASS FIBER-OPTIC CABLE CONSTRUCTIONS

- 125 $\mu$ m Equivalent to 0.005 in.
- 900 $\mu$ m BUFFER JACKET, often referred to as "TIGHT BUFFER".
- LOOSE TUBE, often referred to as "BUFFER TUBE".
- 250  $\mu$ m UV-CURED BUFFER/COATING, often referred to as "BARE FIBER".



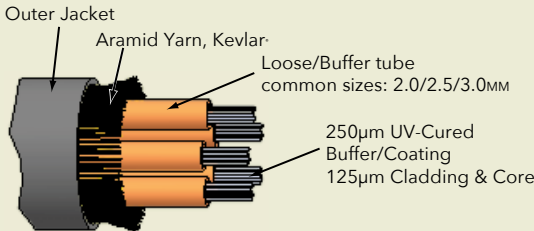
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SCALE 10:1



Distribution

SCALE 2:1



Indoor/Outdoor  
Loose Tube

SCALE 2:1



# COMPARATIVE FIBER OPTIC TOOL SELECTION CHARTS

Diameter of Remaining Fiber or Buffer Coating	Miller FO-103	Miller CFS	FO-CF	FO-SnC
80 to 100 micron	FO 103-S-100 (Part# 80355-1)			
125 micron (from 250 micron buffer)	FO 103-S (Part# 80355) FO 103-D-250 (Part# 80675) FO 103-D-J (Part# 80676) FO 103-T-250-J (Part# 80677)	CFS-2 (Part# 46107-M)	FO-CF (Part# 81400)	FO SnC (Part# 81430)
250 micron	FO-103-D-250 (Part# 80675) FO-103-T-250-J (Part# 80677)		FO-CF (Part# 81400)	FO SnC (Part# 81430)
400 micron	FO 103-T-250-400 (Part# 80740) FO 103-S-525 (Part# 80355-9)			
125 micron (from 900 micron buffer)	FO 103-D-250 (Part# 80675) FO 103-T-250-J (Part# 80677)	CFS-2-900 (Part# 81281)		

## Choose from tools below to access fibers in loose/buffer tubes

MSAT	BrightPath EMS 6.6/4.0
MSAT 5	FDS 2-3mm
MSAT Micro	FDS
MSAT Kit	FTS
400 Series	FTS-005
	FTS-035

Part numbers vary depending on the outside diameter of the buffer tube. See individual tables in catalog for more information.

# FO-CF - FIBER OPTIC CENTER FEED STRIPPER



- New fiber stripper with center feed design allows for longitudinal fiber stripping
- The fiber is fully supported in the stripping process of 900 micron buffer coating to 250 micron and standard 250 micron coating to 125 micron stripping
- Side mounted stripper blades provide convenient stripping of 1.6 mm to 3 mm cable jackets
- Measurement scale in inches/mm built into the tool jaw and body up to 2 3/4 in. (70 mm) for ease of proper cable preparation
- Compact, lightweight and ergonomically designed for ease of use
- All cutting surfaces are precision formed, hardened, tempered and ground assuring precise cable jacket, buffer and acrylate removal with no scratching or nicking of the fiber
- Tool is factory set and requires no adjustment
- Removable cleaning brush is conveniently attached to the stripper for periodic cleaning of stripping jaws
- Tool supplied with its own individual protective polymer tool case for clean and safe storage
- Patent Pending
- Made in the U.S.A.
- Dimensions: 1.17 x 2.19 x 4.08 in. (29.7 x 55.6 x 103.6 mm)
- Weight: 2.8 oz (79 g)
- Part #: 81400
- FO-CF Brush Part No.: 81410



**JACKET    900 MICRON    250 MICRON**  
**THREE FIBER STRIPPING STATIONS**

# FO-103S - FIBER OPTIC STRIPPER

- > For stripping 250 micron buffer coating from 125 micron optical fiber
- > Precision diameter hole & V-opening in blade allow for accurate buffer coating removal
- > Pivot pin, spring and precision handles enhance tool functionality and durability
- > Factory set, requires no adjustment
- > Prevents scratching or nicking of optical fiber
- > All cutting surfaces are precision formed, hardened, tempered and ground assuring precise buffer removal
- > Made in the U.S.A.
- > Length: 5.375 in (136.53 mm)
- > Weight: 2.5 oz (71 g)
- > See tables for part numbers



## FO 103-S - Custom Applications

- > The same quality FO 103-S construction is available in a variety of stripping fiber diameters
- > Some models in the table below may be subject to a minimum order

Part #	Model	Minimum Stripping Blade Diameter	
		(microns)	(inches)
80355	FO 103-S	125 µm	.005 in.
80355-1	FO 103-S-100	80-100 µm	.003-.004 in.
80355-15	FO 103-S-140	140 µm	.0055 in.
80355-2*	FO 103-S-150	150 µm	.006 in.
80355-3	FO 103-S-162	162 µm	.0065 in.
80355-4*	FO 103-S-175	175 µm	.007 in.
80355-5	FO 103-S-187.5	187.5 µm	.0075 in.
80355-10*	FO 103-S-200	200 µm	.008 in.
80355-12	FO 103-S-225	225 µm	.009 in.
80355-6*	FO 103-S-250	250 µm	.010 in.
80355-7	FO 103-S-280	275-280 µm	.011 in.
80355-8*	FO 103-S-300	300 µm	.012 in.
80355-16	FO 103-S-400	400 µm	.016 in.
80355-9	FO 103-S-525	525 µm	.021 in.
80355-17	FO 103-S-880	880 µm	.035 in.
80355-18	FO 103-S-1140	1140 µm	.045 in.

\*Replaces the No-Nik Fiber Optic Strippers. See table below for previous and new model/part numbers

New Part#	New Model #	Old Part#	Old Model #	Old Handle Color
80355-2	FO 103-S-150	NN152	46231	Gold
80355-4	FO 103-S-007	NN175	46235	Mustard
80355-10	FO 103-S-200	NN203	46241	Red
80355-6	FO 103-S-250	NN254	46249	Lt. Blue
80355-8	FO 103-S-300	NN305	46255	White

**All old part numbers are while supplies last.  
All new items come with yellow handles**

## FO 103-D-J/FO 103-D-250 "DUAL HOLE" FIBER OPTIC STRIPPERS

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- > Dual hole models offer the same quality as our standard FO 103-S fiber tool coupled with a second hole
- > FO 103-D-J: Second hole for stripping 1.6-3 mm fiber jackets and standard 125 micron fiber stripping (250 micron removal to 125 micron)
- > FO 103-D-250: Second hole for stripping 900 micron tight buffer down to 250 micron buffer coating and standard 125 micron fiber stripping (250 micron removal to 125 micron) - allows longer stripping lengths without damaging the fiber
- > Easy-to-read stripping diagrams imprinted on handles
- > Made in the U.S.A.
- > Length: 5.375 in. (137 mm)
- > Weight: 2.5 oz (71 g)
- > FO 103-D-J Part #: 80676
- > FO 103-D-250 Part #: 80675

## FO 103-T-250-J "TRI-HOLE" FIBER OPTIC STRIPPERS

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- > Three-hole model performs all common fiber stripping functions in one compact tool....

- Hole for removal of 1.6 to 3 mm fiber jackets
- Remove 900 tight buffer to 250 micron buffer coating
- Standard 250 to 125 micron stripping

- > Same consistent quality and features found in our standard FO 103-S tool
- > Made in the U.S.A.
- > Length: 5.375 in. (137 mm)
- > Weight: 2.5 oz (71 g)
- > Part #: 80677
- > Also available: FO 103-T-400-250 Fiber Optic Stripper for 400 micron coated PM Fiber (Part : 80740)



## SNC - STRIP N' CUT

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- > New all-in-one unique tool design combines jacket stripping, optical fiber stripping and cutting of Kevlar® strength members in one compact tool body
- > Allows jacket removal from 1.6 to 3.0 mm with holes for stripping 900 micron tight buffer to 250 micron buffer coating and standard 125 micron fiber stripping.
- > Fiber stripper and Kevlar cutter slides out of the protective tool body when in use and slides back inside when not in use by activating the sliding tab located on each side of the tool
- > The fiber stripper and the Kevlar cutter are conveniently stored inside the tool body when not in use, for extra safety and tool life protection
- > Easy to read fiber stripping diagrams are molded into the tool body
- > Tool body has a handy molded-in loop for attaching/hanging purposes
- > All cutting surfaces are precision formed, hardened, tempered and ground assuring precise tool performance
- > Factory set, requires no adjustment
- > Made in the U.S.A.
- > Patent Pending
- > Dimensions: 3.75 x 1.25 x .70 in. (95 x 32 x 18 mm)
- > Weight: 3 oz (85 g)
- > Part #: 81430



## CFS-2/CFS-2 900 FIBER OPTIC STRIPPER

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- > CFS-2 for stripping 250 micron buffer coating to expose 125 micron cladded fiber
- > CFS-2 900 strips 900 and 250 micron buffer coating down to 125 micron cladded fiber with only ONE-STEP STRIPPING PREPARATION
- > Second hole for stripping 1.6-3 mm fiber jackets
- > Pre-set at the factory—no adjustments needed
- > Will not scratch or nick glass fiber
- > All stripping surfaces are manufactured to precise tolerances to assure clean, smooth strips
- > Comfort-grip, ergonomic handles
- > Lock to hold tool closed when it is not in use
- > Made in China
- > Length: 6.5 in (165 mm)
- > Weight: 4.2 oz (119 g)
- > CFS-2 Part #: 46107-M
- > CFS-2 900 Part #: 81281



## OPTISTRIP - FIBER OPTIC STRIPPER

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- > Removes secondary coatings from optical cable and other small cables up to 3.0 mm (0.12 inches O.D.)
- > Equally effective on loose tube or tight fit fiber
- > Damage to cladding prevented by inserting guide bushings which ensure precise location of the fiber throughout the stripping operation
- > Simple setup for operation: fit a pair of guide bushings for selected lead diameter and adjust blade depth
- > Supplied with storage case and guide bushings (0.5, 1.0, 1.5, 2.0, 2.5, 3.0 mm)
- > Stripping Capacity
  - Fiber optic tubes up to 3.0 mm (0.12 inches O.D.)
  - P.T.F.E. coated wires 0.5 to 3.0 mm (0.02 to 0.12 inches) O.D.
- > Replacement Blades (pair): Part No.: 39436
- > Replacement set guide bushings: Part No.: 39437
- > Weight: 20 g (1 oz)
- > Dimensions: 108 x 29 x 13 mm ( 4.3 x 1.1 x 0.5 inches)
- > Part #: 39435
- > Made in China

# FOJST - FIBER OPTIC JACKET SLITTING

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- > Compact and easy to use ONE-STEP jacket slitter for PVC jacketed fiber cables
- > Provides two jacket slits 180 degrees apart with nick free jacket slitting required for cable preparation on certain fiber connectors
- > Blade cassettes have blade indicator marks providing the exact location of the blade for an accurate cable preparation length
- > Single blade cassette designed with two slitting channels to accommodate the various jacket sizes.
- > Factory set non-adjustable blade cassette for repeatable and exact cable preparation each and every time
- > Made in the U.S.A.
- > Dimensions: 2.875 x .875 x 2.125 in (73.03 x 22.23 x 53.98 mm)
- > Weight: .94 oz (26.7 g)
- > FOJST 2/3 mm part # 81210
- > FOJST 1.6/2.4 mm part # 81215

## FOKC - FIBER OPTIC KEVLAR® CUTTER

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- > Designed to cut Kevlar® strength members in fiber optic cables
- > Powerful quick cutting action
- > Full serrated edge for consistent, fast and clean cuts
- > Lightweight and compact
- > Return spring designed for precise repeated cuts
- > Ergonomic handles with cushioned non-slip grips
- > Made of high carbon steel specially treated for long life and trouble free cuts
- > Made of Chinese and American parts
- > Engineered in the U.S.A
- > Length: 5.75 in. (146 mm)
- > Weight: 2.5 oz (72 g)
- > Part #: 36495

## 86 1/2SF - ELECTRONIC KEVLAR® SHEARS

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- > 86 1/2SF is a high-leverage tool for cutting, trimming and slicing through fibers and other tough industrial and electronics material
- > Use to cut and trim wire insulation materials, copper leads, filament wire, and nickel-ribbon
- > Use 86 1/2SF to trim DuPont Kevlar® Aramid fibers
- > Hot-forged, high carbon steel for long life
- > Quick action spring response and two sharp points
- > 86 1/2SF has one blade serrated and yellow cushioned grips
- > Made in the U.S.A.
- > Length of cut: 0.63 in. (16 mm)
- > Length: 6.5 in. (165 mm)
- > Weight: 4.8 oz (136 g)
- > Part #: 46331 86 1/2SF
- > Part #: 46339 86 1/2S NO grips



## KS-1 - KEVLAR® SHEARS

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- > Lightweight shears ideal for cutting Kevlar® strength members found in fiber optic cable construction
- > Ergonomic molded handles provide comfort for both right and left handed users
- > One micro-serrated blade reduces slippage for more positive cutting action
- > Blades made from high carbon molybdenum, and vanadium steel for long life
- > Made in Taiwan
- > Length: 5.5 in. (140 mm)
- > Weight: 2.8 oz (79 g)
- > Shears Only (Part #: 80671)
- > KS-1 available with nylon pouch with belt loop (Part #: 80665)
- > Nylon pouch only (Part #: 80669)

## KC699 - KEVLAR® SHEARS

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- > Oversized molded handles for operator comfort
- > Blades are hardened stainless steel with a fine serration on one blade to grip Kevlar® fibers and prevent slipping while cutting
- > Ambidextrous handles for right- and left- hand use
- > Made in Japan
- > Length of cut: 2.5 in. (64 mm)
- > Length: 7.25 in. (184 mm)
- > Weight: 1.6 oz (45 g)
- > Part #: 46175

# ACS/ACS-2/ACS-K

## ARMORED CABLE SLITTERS

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- > Professional grade tool ideal for slitting the corrugated copper, steel or aluminum armor layer on Fiber Feeder, Central Tube, Stranded Loose Tube fiber optic cables and other armored cables
- > Rugged anodized aluminum and steel construction
- > Versatile design allows jacket or shield slitting on non-fiber optic cables as well
- > Tool slits outer polyethylene jacket and armor in one operation
  - Performs longitudinal slitting and circumferential (ringing) for end stripping
  - Blade rotates 90 degrees by activating blade lever, allowing easy mid-span preparation (ringing and slitting)
- > ACS is adjustable from 0.315 in. (8 mm) to 1.125 in. (28.6 mm) cable O.D.
- > ACS 2 is adjustable from 0.157 in. (4 mm) to .393 in. (10 mm) for smaller cable O.D. options
- > Adjustable blade depth to 5.5 mm maximum to accommodate different cable jackets
- > Cable guide wheel provides cable stability and allows for easier tool movement along the cable
- > Red cable guide wheel (Part No.: 37896) for smaller O.D. cables 0.157 (4 mm) to .393 in. (10 mm) can be ordered separately
- > Made in the U.S.A.
- > U.S. Patent Nos.: D505, 0565
- > Height: 5 in (127 mm)
- > Weight: 10 oz (284 g)
- > ACS Part #: 37880
- > ACS-2 Part #: 37897
- > ACS-K Part #: 37899 (kit includes ACS tool (Part # 37880 plus one red cable guide wheel kit (Part No.: 37896) for smaller O.D. cables
- > Replacement blade: Part No.: 37884 (CB 251-K)



# BRIGHTPATH EMS 6.6/4.0

## MID-SPAN ENTRY TOOL

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- > Especially designed to mid-span access CommScope® BrightPath Self Support Figure 8 Outdoor Fiber Drop Cable
- > Tool has two precise shaving channels, one to remove the outer MPDE jacket and one to access the 4 mm buffer tube fibers
- > Fixed control of blade cutting depth and angle protects fibers from damage
- > Cable is easily inserted and removed by opening and closing spring loaded tool halves with a convenient and quick turning thumb screw
- > Replacement Blade for jacket and 4 mm buffer tube is Part No. 37048 (CB229)
- > Length: 3.75 in. (95 mm)
- > Weight: 6.8 oz (193 g)
- > Part #: 42555
- > Made in the U.S.A.

## FDS - FIBER OPTIC STRIPPER

- Designed for stripping Flat Drop Fiber Cable used in FTTH "Fiber to the Home" applications
- ONE STEP stripping action that removes the jacket in two locations top and bottom to expose the dielectric strength members while allowing the quick removal of the jacket
- Tool is small and has a lightweight polymer body for ease of use
- Easily strips Flat Drop lengths of 2-15 feet plus
- ONE TOOL ONLY - FDS will strip Flat Drop Fiber Cable on the cables listed in the table below. (Please call Customer Service for other cable manufacturers) U.S.: 860-635-2200 U.K.: 44-1384-400070
- Made in the U.S.A.
- Replacement Blade Part No.: 37048 (CB229)
- Length: 3.75 in (95mm) • Weight: 6.8oz (193g)
- Part #: 42670



Drop Cable Manufacturer	Stripping Channel
CommScope	A
Corning	A
Draka/Comteq	A
OFS	A
Berk-Tek	B
Prysmian	B
Sumitomo	B
Superior Essex	B

## FDS-2-3MM - FIBER OPTIC STRIPPER & BUFFER TUBE SLITTER

- Multi-purpose tool designed for stripping Flat Drop Fiber jacket and accessing 2 mm and 3 mm buffer tubes on (FTTH) "Fiber to the Home" applications
- Three individual stripping channels in one compact tool body for jacket removal and 2 mm and 3 mm buffer tube slitting
- Lightweight polymer body
- T-bar handle grip design for extra ease of jacket stripping
- Tool can be used with Flat Drop Fiber manufacturers listed in the table below. (Please call Customer Service for other cable manufacturers) U.S.: 860-635-2200 U.K.: 44-1384-400070
- Made in the U.S.A.
- Length: 3.75 in. (95mm) ➤ Weight: 6.8oz (193g)
- Part #: 42770
- Jacket Replacement Blade Part #: 37048 (CB229)
- Buffer Tube Replacement Blade Part #: 1 set 80794 (two blades) with 1/16 in. Allen Wrench (Note: 2 each CB229 (P/N37048) and two sets of 80794 required to replace all the blades on the FDS-2-3MM)



Drop Cable Manufacturer	Stripping Channel
CommScope	A
Corning	A
Draka/Comteq	A
OFS	A

## MSAT - MID-SPAN ACCESS TOOL

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- > Quickly and easily access fibers in 2, 2.5 and 3 mm buffer tubes in a mid-span location without fiber damage
- > All blades precisely factory mounted in tube slitting channels with no adjustment required by the installer
- > Tool design incorporates buffer tube size gages on the tool body for ease of selecting proper tube slitting channel
- > Convenient spring loaded lever opens and closes the tool and lever becomes flush with the top of the tool body when closed
- > For use with the following diameter buffer tubes:

2.0 mm	1.9-2.1 mm (0.071 in.- 0.086 in.)
2.5 mm	2.4-2.6 mm (0.090 in.-0.110 in.)
3.0 mm	2.9-3.1 mm (0.110 in.- 0.126 in.)
- > Made in the U.S.A
- > Length: 2.5 in. (63.5 mm)
- > Weight: 8oz (226.7g)
- > Part #: 80785
- > Replacement Blade: Part # 80794 includes 1 blade set (2 each) and 1/16 in. Allen wrench
- > Same blade Part # for all three tool channels

## MSAT 5 - MID-SPAN ACCESS TOOL

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- > Allows easy mid-span access to optical fibers in loose buffer tubes
- > Access tube sizes from 1.9 mm to 3.0 mm
- > Shaves precise opening to prevent fiber damage
- > Sizing channels to easily determine tube size
- > Locking mechanism ensures tool will remain closed through the entire shaving operation
- > Replacement Blade: Part No.: 80935 (5 blades - 2 screws)
- > Made in the U.S.A.
- > Dimensions: 3.9 x 1.5 x 0.7 in. (99 x 38 x 18 mm)
- > Weight: 1.36 oz (38.5g)
- > Part #: 80930

## MSAT MICRO - MID-SPAN ACCESS TOOL



- > Compact and user friendly tool provides quick and easy mid-span access to smaller buffer tubes without fiber damage
- > Tool design will accommodate a range of interchangeable inserts from 1.2 mm up to and including 1.8 mm
- > Accesses the fiber by precision "shaving" of the buffer tube wall
- > Consistent and reliable buffer tube access without any adjustment to tool insert or blade
- > Double-sided blade for twice the blade life
- > Locking lever mechanism provides constant pressure to the two body halves ensuring a precise and consistent shaving operation
- > Patent Pending
- > Made in the U.S.A.
- > Dimensions: 2.88 x 1.63 x 1.50 in. (73 x 41 x 38 mm)
- > Weight: 6.6 oz (187 g)
- > Insert dimensions: 1.77 x 0.472 in. (45 x 12 mm)
- > Insert weight: 0.9 oz (26 g)
- > Tool body available as Part No.: 81460 (without insert).
- > Replacement Blade Part No.: 81472 (includes 1 double sided blade, 1 screw and 1/16 in. hex wrench)
- > Tool Inserts and Part No.:
  - 1.2 mm-81512
  - 1.3 mm-81513
  - 1.4 mm-81514
  - 1.5 mm-81515
  - 1.6 mm-81516
  - 1.7 mm-81517
  - 1.8 mm-81518



## MSAT Kit KIT FOR MID-SPAN ACCESS



- > Designed for easy mid-span of fiber tubes in the range from 1.2-3.0 mm
- > Foam Lined Kit includes:
  - RCS-114 - Jacket Stripper
  - FO-103-S - Fiber Stripper
  - KS-1 Kevlar Shears
  - MSAT 5 - Mid-Span Access Tool
  - MSAT Micro Body
  - 4 MSAT Micro Inserts (1.2 mm, 1.4 mm, 1.6 mm, 1.8 mm)
- > Part #: 81500

# 400 SERIES - FIBER BUFFER TUBE & DROP CABLE SLITTER



- > For mid-span and end slitting of fiber buffer tubes and fiber drop cable
- > Different models available matched to the size of buffer tube or drop cable to be prepared
- > Dual blade design
- > Self closing for safety
- > Latch locks tool closed
- > Comfortable soft plastic grips
- > Made in the U.S.A.
- > Length: 6.5 in. (165 mm)
- > Weight: 9.0 oz (255 g)
- > Replacement Blade Part #: 80235 (two blades per package)
- > See table for part numbers

Model	Part#	Color	Tube Sizes	
			(mm OD)	(in OD)
400 - 1.8 mm	80950	Copper	1.6 - 1.8	0.063 - 0.071
400 - 2.2 mm	80951	Red	2.0 - 2.2	0.079 - 0.087
400 - 2.5 mm	80952	Blue	2.3 - 2.5	0.091 - 0.098
400 - 3.0 mm	80953	Green	2.6 - 3.0	0.102 - 0.118
400 - 3.3 mm	80954	Green	3.0 - 3.3	0.118 - 0.130
400 - 3.5 mm	80955	Yellow	3.3 - 3.6	0.130 - 0.141
400 - 4.0 mm	80956	Grey	3.7 - 4.1	0.145 - 0.161
400 - 4.5 mm	80957	Beige	4.2 - 4.5	0.165 - 0.177
400 - 5.0 mm	80958	Dark Brown	4.6 - 5.1	0.181 - 0.201
400 - 6.0 mm	80959	Dark Blue	5.6 - 6.0	0.220 - 0.236
*400 - Drop A	80960	Gold	4.4 x 8.2	0.173 - 0.323
400 - 8.5 mm	80962	Orange	8.3 - 8.5	0.327 - 0.335
400 - 9.1 mm	80963	Blue	8.9 - 9.1	0.350 - 0.358

## 400-Series Guide Block Sets

Model Guide Block Set	Part#	Color	Tube Sizes	
			(mm OD)	(in OD)
1.8 mm	80835-001	Copper	1.6 - 1.8	0.063 - 0.071
2.2 mm	80835-002	Red	2.0 - 2.2	0.079 - 0.087
2.5 mm	80835-003	Blue	2.3 - 2.5	0.091 - 0.098
3.0 mm	80835-004	Green	2.6 - 3.0	0.102 - 0.118
3.3 mm	80835-005	Purple	3.0 - 3.3	0.118 - 0.130
Drop A	80835-006	Gold	4.5 x 8.2	0.173 - 0.323
3.5 mm	80835-007	Yellow	3.3 - 3.6	0.130 - 0.141
4.0 mm	80835-008	Grey	3.7 - 4.1	0.145 - 0.161
4.5 mm	80835-009	Beige	4.2 - 4.5	0.165 - 0.177
5.0 mm	80835-010	Dark Brown	4.6 - 5.1	0.181 - 0.201
6.0 mm	80835-012	Dark Blue	5.6 - 6.0	0.220 - 0.236
8.5 mm	80835-013	Orange	8.1 - 8.8	0.319 - 0.335
9.1 mm	80835-015	Blue	8.9 - 9.1	0.350 - 0.358

# 400 SERIES KIT - FIBER BUFFER TUBE & DROP CABLE SLITTER



- Kit for mid-span and end slitting of fiber buffer tubes and fiber drop cable
- Interchangeable color coded head blocks matched to buffer tube or drop cable size
- Blade depth precision factory set and can be field adjusted if required
- Dual blade design
- Self closing for safety
- Latch locks tool closed for ease of use when performing mid-span slitting preparation
- Comfortable plastic grips
- Made in the U.S.A.
- Replacement Blade Part #: 80235 (2 required)
- Kit Dimensions: 11.5 x 8.25 x 2.5 in. (292 x 210 x 63.5 mm)
- Kit Weight: 2.04 lbs (925.3 g)
- See table for part numbers

<b>Kit Part #</b>	<b>Guide Blocks Included</b>
80830	2.5/3.0/4.4 x 8.2 mm
80830-001	2.2/2.5/3.0 mm
80830-002	1.8 / 2.2 / 2.5 / 3.0 / 3.3 mm
80830-007	400 - 8.5 mm
80830-008	3.0/3.5/5.0 mm
80830-009	400 - 5.3 mm
80830-010	400 - 6.0 mm
80830-016	400 - 3.5 mm
80235-1	Replacement Blade (two blade package)
80235-10	Replacement Blade (10 each)



# FTS SERIES - FIBER TUBE SCORERS

FTS-005



FTS



FTS-035



- > Precise one-step buffer tube scorer
- > Factory fixed hardened carbon steel blade requires no blade adjustment
- > Body made of strong resilient acetal polymer (FTS-005-Red, FTS - Yellow, FTS-035 - Blue)
- > Made in the U.S.A.
- > Dimensions: 3.75 x .625 in. (95.53 mm x 15.92 mm)
- > Weight: 1oz (28g)

Model #	Buffer Tube Sizes	Wall Thickness	Part #
FTS-005	up to 2 mm (up to .079 in)	0.17 mm - 0.28 mm (0.007 in - 0.011 in)	80990
FTS	1.6 mm - 6.0 mm (0.062 in - .236 in)	0.25 mm - 0.4 mm (0.009 in - 0.015 in)	80980
FTS-035	1.6 mm - 6.0 (0.062 in - .236 in)	1.0 mm - 1.3 mm (0.039 in - 0.051 in)	80985

## DS-60-C/DS-90-W DIAMOND-TIP FIBER OPTIC SCRIBE



- > Quality fiber optic scribes featuring a protective retractable barrel with pocket clip and a stainless steel mounted diamond tip in your choice of conical or wedge shapes
- > These scribes are specially made for the “scratch and pull” technique of scribing optical fiber. The wedge shape provides a more durable edge
- > Made in the U.S.A.

Model	Description	Full Length	Part #
DS-60-C	60° Cone Angle-Diamond Tip Retractable Scribe	5.375 in./137 mm	46137
DS-90-W	90° Wedge-Diamond Tip Retractable Scribe		46140

## CS-30-W CARBIDE-TIP FIBER OPTIC SCRIBE



- > The CS-30-W is a 30-degree wedge-tip carbide scribe 3.8 mm wide for long life and simple fiber termination
- > Housed in a rugged, anodized aluminum casing 112 mm long and 8 mm in diameter, the CS-30-W fits comfortably in either hand and in your pocket or tool kit
- > The CS-30-W includes a convenient pocket clip and soft, brightly colored, protective “Squeeze and Pull” cap for easy and quick tool selection
- > Made in the U.S.A.

Model	Description	Full Length	Part #
CS-30-W	30° Wedge-Carbide Tip	4.375 in./112 mm	46124

## CS-30-DE DOUBLE END CARBIDE FIBER OPTIC SCRIBE



- > Reversible 30 degree angled carbide blade edged on both ends to double the life of the tool
- > 5 mm wide blade wider than conventional scribe blades for greater visibility
- > “Soft feel” grip on rugged anodized aluminum casing
- > Hex-shaped end to prevent scribe from rolling off work table
- > Plastic cap protects blade when tool is not in use
- > Convenient pocket clip
- > Made in the U.S.A.
- > Carbide Blade Replacement Part #: 46122

Model	Description	Full Length	Part #
CS-30-DE	3/16 in. (5 mm)	5-1/4 in. (133 mm)	46123

## FOC-SS - FIBER OPTIC CLEAVER

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- > Designed for fiber cleaving applications that include field termination of fiber connectors and mechanical splices as well as laboratory applications
  - > Small, lightweight and easy to use
  - > Features a graduated leaf spring scale, which allows cleave lengths of 2.0 mm to 20.0 mm
  - > The "Score and Snap" leaf spring function is easy, fast and is the preferred method by many fiber installers
  - > Produces a precise cleave endface angle of less than 2 degrees
  - > Supplied with a standard carbide cleaving blade capable of over 6,000 consistent cleaves
  - > Cleaving tool is designed for single mode and multimode fiber with cladding O.D. diameter of 125 micron with no operator tool adjustments
  - > Made in the U.S.A.
  - > Cleaver Dimension: 4.88 x 0.79 x 1.57 in. (124 x 20 x 40 mm)
  - > Weight: 2.12 oz (60g)
  - > Fiber Optic Cleaver: FOC-SS Part #: 46490
  - > Leaf Spring Replacement: FOC-LS Part #: 46492
  - > Carbide Blade Replacement: FOC-CBL, Bladelife scores - 6,000\* Part #: 46491
  - > Diamond Blade Replacement: FOC-DBL, Bladelife scores - 10,000\* Part #: 46493
- \*Based on no damage or chipping to blade



## FO-125 - PRECISION CLEAVER

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- > Small and lightweight design that is easily used in the lab or in the field
- > Provides ultimate reliability, repeatability and efficiency along with ease of use
- > Designed for single and multimode fiber with cladding diameter of 125 micron
- > Fiber coating diameters of 250 micron and 900 micron
- > Cleave length- 6-20mm (250 micron) and 10-20mm (900 micron)
- > Provides 48,000 cleaves blade life (1,000 fibers x 3 heights x 16 positions) before blade replacement
- > Cleave angle capability provides a precise cleave end face angle of < 0.5 degrees
- > Cleaver supplied with Side Cover installed only (no Scrap Collection System - Scrap Box)
- > Convenient protective soft shell suede carrying case, and 1.5mm Hex Wrench provided
- > Made in China
- > Dimensions: 2.7 x 3.2 x 1.6 in (69 mm x 82 mm x 41mm)
- > Weight: 6.4 oz. (181 g)
- > Part#: 81010



## RMC-6 - RULER

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- > Precision quality stainless steel 6 in. (150 mm) ruler
- > Sliding clip for pocket attachment and depth gauge use
- > One ruler side indicates inches and mm and one side indicates 64th and mm conversions
- > Ideal addition for fiber kits as well as other specialty tool kits
- > Made in the U.S.A.
- > Weight: 1.0 oz (28 g)
- > Length: 6.4 in. (163 mm)
- > Part #: 80683

## FO-VFL - VISUAL FAULT LOCATOR

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- > Slim pen style 650 nm red visible laser diode fault locator for single and multimode fiber
- > Efficient and economical tool for fiber tracing, fiber routing, and continuity checking in an optical network, during, and after installation
- > Detects fiber breaks, fiber leaks, stress points and faulty connectors
- > Features a universal connector accepting any optical connector style with 2.5 mm ferrule such as FC, SC, ST, E2000, and APC
- > LED indicates function status, such as ON and OFF of laser, continuous laser mode, pulse laser mode, and low battery
- > Includes two 1.5V AAA batteries, cushioned vinyl carrying case, lense cap, and instruction sheet
- > Additional power button prevents accidentally activating the laser and draining the batteries
- > Average laser life is approximately 3000 hours
- > Maximum output power is 5 mW
- > Minimum coupled power is 0.5 mW
- > For single mode up to 7 km, for multi-mode up to 3 km
- > Laser class 3A
- > CE, RoHS compliant
- > FO-VFL without 1.25 mm Adapter (Part No. 80920); Made in China
- > FO-VFL with 1.25 mm Adapter included (Part No. 80910); Made in China
- > 1.25 mm Adapter Only (Part #. 80918); Made in Taiwan

## CCT-2 - FIBER CONTINUITY TESTER

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- > Provides a high intensity, long-lasting RED LED light source that transmits light instantly and accurately down the fiber to a maximum range of 2 km
- > New design provides a more economically priced tool over the original CCT-2001
- > Provides a fast, efficient and low cost check of fiber continuity in the field
- > Use with both single mode and multimode fiber
- > Compatible with almost all types of connectors including ST, FC, SC, LC and MT-RJ
- > Push button operation
- > Uses (3) each LR41 or AG3 batteries (included)
- > CE certified
- > ROHS Compliant
- > Made in China
- > 5 lumens, 60mW @ 30mA, 620-640nm
- > Part #: 81140

## FIBER OPTIC INSPECTION MICROSCOPE - 200x/400x

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- > Available in magnification strengths of either 200x or 400x
- > Achromatic glass objective for excellent image quality
- > Focus wheel for proper focus at all times
- > Universal 2.5 mm adapter for nearly all ST, SC and FC connector ferrules included as the standard adapter
- > Integrated laser safety filters (not intended for viewing lit fibers)
- > Coaxial Illumination by LED light giving up to 100,000 lamp hour life and extended battery life
- > Side illumination port allows back lit inspection of jumpers and can be used as a fault finder
- > Body of durable aluminum comes in soft padded storage case
- > Takes 3 AAA batteries (included)
- > Made in China
- > Length: 9 in. (230 mm)
- > Weight: 1.2 lbs (550 g) without case
- > 200x Part #: 80760
- > 400x Part #: 80761

## FO-R12 - FIBER RIBBON ACCESS TOOL

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- > Removes outer jackets from 12 count fiber ribbons
- > Factory set, requires no adjustment
- > Prevents scratching or nicking of optical fibers
- > All cutting surfaces are precision formed, hardened, tempered and ground
- > Tools for other fiber counts available upon request
- > Made in the U.S.A.
- > Length: 5.375 in (136.53 mm)
- > Weight: 2.5 oz (71 g)
- > Part #: 80745

## IET - INSERTION/EXTRACTION TOOL

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- > Easily inserts and extracts fiber optic connectors in high density patch panels
- > Works with LC and SC simplex and duplex connectors as well as MU, MT-RJ and other similar types
- > Tool tip design insures positive gripping without slipping
- > Spring loaded tool action and ergonomic grips allow easy, comfortable and precise left or right hand operation
- > Made in China
- > Dimensions: 8.75 in. x 2.75 in. x .75 in.  
(222.86 mm x 70 mm x 19.1 mm)
- > Weight: 3.49 oz (99 g)
- > Part #: 80860

## FIBER OPTIC CRIMP TOOL

- > Ratcheting action crimp tool for positive, full cycle crimping of fiber optic connectors
- > Rugged steel frame
- > Interchangeable jaws
- > Several common fiber optic hex and oval jaws available
- > Made of Taiwan and America parts
- > Engineered in the U.S.A.
- > Length: 8.6 in. (218 mm)
- > Weight: 1.1 lb (500 g)



With Set Jaw #	Part #	Square	Hex Sizes	Oval Sizes	Jaw Set Only Part #
1	39840-1*	.043	.068, .100, .137, .213, .255		39844*
2	39840-2**	.042	.068, .078, .128, .151, .178		39845*
3	39840-3**	.042	.068	.133, .162, .195	39842*
4	39840-4**	.042	.068, .151, .178, .213		39843*

## RBT - FIBER BREAK-OUT TOOL



- > For use in FTTH -MDU (Multiple Dwelling Units) as well as other riser cable applications
- > Preparation tool especially designed to shave a break-out window in riser cable with no fiber damage while allowing individual fiber extraction
- > Tool is compact and lightweight and has rugged aluminum body design
- > Allows easy and fast access to closely spaced riser cables especially in small confined areas
- > Compact and thin profile tool design allows for ease of use when riser cable is surface mounted, without the need for separating it from the mounting surface
- > Shaves a longitudinal break-out window in 8.5 mm, 10.5 mm and 14 mm O.D. riser cables without any time consuming tool adjustment
- > Factory fixed shaving blade made of high carbon steel is safely recessed away from installer's hand to minimize exposure
- > Call Customer Service for applicable cables U.S.: 860-635-2200 U.K.: +44-1384-400070
- > Made in the U.S.A.
- > Tool Dimensions: 4 in. x 1.5 in. x 5/8 in. (100 mm x 38 mm x 17 mm)
- > Weight: 3.68oz (105g)
- > Replacement Blade: Part No: 81320 includes 10 blades, two spare mounting screws and washers
- > Part #: 81315

Cable Manufacturers	Cable
Prysmian	Verticasa
Acome	PACE
Draka	ezBREAKOUT™
SILEC	Indoor Sheath® MS

## STR - STEEL TAPE REMOVER



- > Easily opens/separates the steel tape armor on fiber optic cable
  - > Unique counter rotation mechanism opens steel tape armor in 2 1/2 - 3 1/2 turns allowing for cutting of the armor
  - > Accomodates steel tape armor from 1-2 mm OD
- > Neodymium rare earth magnet holds tool halves together making operation easy
  - > Tool totally heat treated for long life
  - > Screw clamps are high-strength alloy steel
  - > 1.5 in. (38.1 mm) outside diameter fits comfortably in your hand
  - > Made in China
  - > Dimensions: Diameter 1.5 in. x .82 in. (38.5 mm x 20.7 mm)
  - > Weight: 9.0 oz (258 g)
  - > Part #: 81161

## FOPD-25, FOPD-LC, FS800 FS900 - FIBER OPTIC POLISHING DISC



- > High quality hand polishing disc for fiber optic connectors
- > "Universal" design fits most 2.5 mm ferrule connectors including: ST, SC and FC connectors
- > Inside and outside rims designed for improved hand positioning while performing the polishing operation
- > Channeled, raised base allows debris to escape easily and provide for easy polishing action
- > High quality, precision machined stainless steel design for long life
- > Diameter: 1.94 in. (49.2 mm)
- > Weight: 1.5 oz (43 g)
- > FOPD-25 Part #: 80688; Made in the U.S.A.
- > FOPD-LC also available (aluminum disc for 1.25 mm ferrule LC connectors) (Part #: 80754); Made in Taiwan
- > FS800 is 1.5 in. diameter plastic disc designed for most 2.5 mm ST, SC and FC connectors (Part #: 46167); Made in the U.S.A.
- > FS900 is 1.5 in. diameter stainless steel disc for 2.5 mm connectors (Part #: 46169); Made in the U.S.A.



# FIBER OPTIC POLISHING KIT



Complete kit includes:

- > Clear Lexan® polishing plate
- > Neoprene polishing pad
- > Universal plastic polishing puck
- > Universal stainless steel polishing puck
- > 12 micron polishing film - 10 included
- > 3 micron polishing film - 10 included
- > .5 micron polishing film - 10 included
- > Lint-free cleaning wipes - 25 included
- > Pre-saturated bifurcated swipes - 10 included
- > Made in the U.S.A.

<b>Model</b>	<b>Description</b>	<b>Dimensions</b>	<b>Part #</b>
PK2000	Fiber Optic Polishing Kit Complete	L: 14-3/8 in. W: 9-1/2 in. D: 2-3/8 in 365 mm x 241 mm x 60 mm	46277
FS600	Fiber Optic Polishing Plate Lexan®	L: 13 in. W: 9in. D: 1/4 in 330 mm x 229 mm x 6 mm	46163
FS700	Fiber Optic Polishing Pad Neoprene	H: 5-1/2 in. W 5-1/2 in D: 1/8 in. 140 mm x 140 mm x 3 mm	46165
FS800	Fiber Optic Polishing Puck Plastic Steel 2.5 mm	D: 1-1/2 in 38 mm	46167
FS900	Fiber Optic Polishing Puck Stainless Steel 2.5 mm	D: 1-1/2 in 38 mm	46169
PFA0-5	Fiber Optic Polishing Film Aluminum Oxide 5 Micron Color: White	3 in x 6 in. 76 mm x 152 mm	46273
PFA0-3	Fiber Optic Polishing Film Aluminum Oxide 3 Micron Color: Yellow	3 in x 6 in. 76 mm x 152 mm	46275
PFA0-12	Fiber Optic Polishing Film Aluminum Oxide 12 Micron Color: Red	3 in x 6 in. 76 mm x 152 mm	46274
F1000	Fiber Cleaning Wipes	3 in x 4 in. 76 mm x 101 mm	46143
FS400	Bifurcated Swipes	4-1/4 in 108 mm	46161

## FIBER-SAFE™ SAFETY KIT



- > Fiber-Safe™ safety kit is specifically for working safely with glass fiber.
- > Complete kit includes a Fiber-Safe polishing / work mat, fiber scraps trash can, splinter removal tweezer, ten bifurcated cleaning swipes, each with a self-contained alcohol dispensing tube, and safety glasses.
- > Made in the U.S.A.
- > Kit items can also be purchased separately. See table for part numbers.

Model	Description	Dimensions	Part #
FS9500	Fiber Optic Safety Kit Complete	L: 16.5 in. W: 3.5 in. 419.1 mm x 88.9 mm	46171
FS100	Polishing/Work Mat Color: Black	L: 22 in. W: 14 in.	46154
FS200S	Fiber Scraps Trash Can	H: 4.1 in. W: 2.6 in. 104.14 mm x 66.04 mm	46157
FS300	Safety Glasses	N/A	46159
FS400	Bifurcated Swipes (10 included)	L: 5 in. 127 mm	46161
FS500	Fiber Splinter Removal Tweezers	L: 4.25 in. 107.95 mm	46162

## FCCT-250/FCCT-125

### CONNECTOR/ADAPTER CLEANERS



- > The Miller FCCT cleaner series by Ripley uses a mechanical dry cleaning design that provides fast and reliable cleaning to fiber connectors and adapters
- > FCCT-250 model designed for FC, SC and ST connectors and adapters
- > FCCT-125 model designed for LC and MU connectors and adapters
- > Cleaner provides 360 degree cleaning coverage with 800+ cleanings
- > Automatic feed provides a fresh section of lint free fabric after each use
- > Dust cover for full contamination protection of tool cleaning fabric
- > Tool body window indicator allows user to view remaining cleaning fabric
- > One single forward push action engages the cleaner with an audible "click" indicating that the cleaner is properly seated and cleaning is complete
- > Pull Out nozzle extends to a total length of 3.25 in. (82.55 mm) for easier access to compact adapter panels
- > Dimensions: 7 in. (177.8mm) X .68 in. (17.27mm) X .68 in.(17.27mm)
- > Weight: .896 oz. (25.4 g)

FCCT-250 Part No.: 81592

FCCT-125 Part No.: 81591

## MDP-4 - MILLER DISPENSING PUMP

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- > Square HDPE 4 oz (118 ml) container provides stability and offers stainless steel pump
- > Use with Isopropanol for proper cleaning of fiber during the cable preparation
- > One handed pump operation frees up user's hands
- > Cam-lock hinge keeps lid open and closed to reduce odors
- > Pump design with purity protector prevents fluid from reentering the bottle
- > Each touch of the pump dispenses approximately 2cc of liquid
- > Made in the U.S.A.
- > Container is not supplied with liquid
- > Dimensions: 3.1 x 2.1 in. (79 x 54 mm)
- > Weight: 2.3oz (65g)
- > Part #: 80875

## MDP-8 - MILLER DISPENSING PUMP

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- > Oval (Euro Style) container design with rectangular bottom for stability
  - > Polypropylene Twist-lock pump provides leak-free seal for travel and is ideal for use in a fiber kit
  - > Use with isopropanol for proper cleaning of fiber during the cable preparation
  - > One handed pump operation frees up user's hands
  - > Made in the U.S.A.
- 
- > Container not supplied with liquid
  - > Dimensions: 2.9 x 5.5 x 2.4 in. deep (74 x 140 x 61 mm deep)
  - > Capacity 8 oz (250 ml)
  - > Weight 1.8 oz (51 g)
  - > Part #: 80870

## RCS-114 - ROUND CABLE STRIPPERS

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- > Designed for fast, safe, and precise jacket removal of PE, PVC, rubber, and other jackets
- > Fiber Optic cables - excellent tool for precise jacket stripping of fiber optic multi-fiber cables
- > For smaller diameter cables: 0.178 to 1.14 in. (4.5 - 29 mm)
- > Rotary cut to a longitudinal cut along the cable length for end stripping
- > Spiral cut for end stripping and mid-span stripping
- > Spiral cutting features provides easier removal of harder jackets
- > Spring-loaded cable brace firmly secures cable to the blade for controlled cutting action
- > Comfort and ergonomic design for ease of use and storage
- > Long life blade design
- > Blade depth can be regulated by simply turning the blade housing
- > Blade housing is PTFE coated, for smooth, low effort stripping
- > Made in U.K.
- > Length: 5.43 in. (138 mm)
- > Weight: 3.5 oz (100 g)
- > Part #: 37140
- > Replacement blade: CB231 (Part #: 37150)

## RCS-158 - ROUND CABLE STRIPPERS

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- > Designed for fast, safe, and precise jacket removal of PE, PVC, rubber, and other jackets
- > Fiber Optic cables - excellent tool for precise jacket stripping of fiber optic multi-fiber cables
- > For larger diameter cables: 0.75 to 1.58 in. (19 to 40 mm)
- > Rotary cut to a longitudinal cut along the cable length for end stripping
- > Spiral cut for end stripping and mid-span stripping
- > Spiral cutting features provides easier removal of harder jackets
- > Spring-loaded cable brace firmly secures cable to the blade for controlled cutting action
- > Comfort and ergonomic design for ease of use and storage
- > Long life blade design
- > Blade depth can be regulated by simply turning the blade housing
- > Blade housing is PTFE coated, for smooth, low effort stripping
- > Made in U.K.
- > Length: 6.02 in. (153 mm)
- > Weight: 3.84 oz (110 g)
- > Part #: 37145
- > Replacement blade: CB231 (Part # 37150)

# MK02/MK02M - CABLE STRIPPERS



- > Cable stripper for outer jackets & insulations from 0.18 to 1.12 in. (4.5 to 28.5 mm) O.D.
- > Stripping action is both circumferential, then longitudinal for removal of insulation section at the end or mid span of wires
- > Note: Does not provide a Spiral Cutting feature
- > Adjustable depth up to 0.12 in. (3 mm) cutting depth
- > Spherical blade for softer insulation is standard; chisel point blade for harder coverings is optional
- > Solid construction for rugged applications
- > Made in China
- > Stripping Capacity - 0.18 to 1.12 in. (4.5 to 28.5 mm) O.D.
- > Weight: 4.2 oz (120 g)
- > Dimensions: 5.3 x 1.6 x 0.6 in. (135 x 40 x 15 mm)

## **MK02**

- > MK02 has handy spring-loaded hook ripping blade at base of tool to facilitate insulation removal
- > MK02 Part #: 39390

## **MK02M**

- > MK02M the same as the MK02 without the spring-loaded hook ripping blade
- > MK02M Part #: 39490

## **Both**

- > Replacement Blades for MK02 & MK02M:  
Spherical cutting blade (set of 5) - Part # 39391  
Chisel point blade (set of 5) - Part # 39392

## MK04 - CABLE JACKET STRIPPER

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- > Cable stripper for outer jackets & insulation on large diameter cables
- > Cable Size Range in O.D. 0.79 in. to 2.36 in. (20 to 52 mm)
- > Heavy duty construction for industrial environments
- > Rotary cut to a longitudinal cut along the cable length for end stripping
- > Spiral cut for end stripping
- > Spiral cut for mid-span stripping
- > Spiral cutting feature provides easier removal of soft jackets and on larger cables
- > Adjustable blade up to 0.20 inches (5 mm) cutting depth
- > Blade depth setting can be locked to assure consistent repetitive operations
- > Roller support of cable for smooth stripping action
- > Wheel blade applications available - contact Customer Service for sizes and applications
- > Made in China
- > Replacement Fixed Blade Assembly: Part#: 39379
- > Replacement Fixed Blade Cartridges (FC2) Part #: 39377 for larger O.D. cable & (FC3) Part #: 39378 for smaller O.D. cable
- > Weight: 1.5 lbs (680 g)
- > Size: 3.7 x 1.7 (head) x 9.8 in. (95 x 42 x 250 mm)
- > Part #: 39376

## MK01DA

## OUTER JACKET CABLE STRIPPER

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- > Designed for precision cable stripping of a variety of insulation types including rubber, PVC, nylon and cotton
- > Wire Size: 0.31 in. to 1.5 in (8 mm to 33 mm)
- > Adjustable blade depth up to 4.5 mm (0.18 in.)
- > Blade depth setting can be locked to assure consistent repetitive operations
- > Adjustable hook head allows for variation in blade force for harder materials
- > Stripping action is circumferential, longitudinal and spiral for removal of jacket and insulation
- > Made in China
- > Replacement Blade: Part #: 39381
- > Weight: 159 g (5.6 oz)
- > Length: 163 mm (6.4 in.) closed
- > Part #: 39922

# 721/821/921 - MULTI-WIRE STRIPPERS/CUTTERS



- AWG/mm wire sizes embossed/pad printed on tool
- Cushion grips for comfort
- Serrated plier-type nose for wire pulls and loops
- Handle lock mechanism for compact and protective storage for ease of use with pouch
- Wire looping / bending holes conveniently located
- Automatic return spring for ease of use and speed
- Compact and lightweight with narrow nose design
- Black oxide finish for extra corrosion protection
- All cutting surfaces are precision formed, hardened, tempered and ground, assuring clean, accurate strips
- Made in China
- Length: 6.25 in. (159 mm)
- Weight: 3.8 oz (107.7 g)

Model #	Part #	Sizes								
			mm/AWG							
721	80564	mm	0.6	0.8	1.0	1.3	1.6	2.0	2.6	
		AWG	22	20	18	16	14	12	10	
821	80568	mm	0.4	0.5	0.65	0.8	1.0	1.3		
		AWG	26	24	22	20	18	16		
921	44625	mm	0.25	0.32	0.4	0.5	0.6	0.8		
		AWG	30	28	26	24	22	20		

## 103-S

### ADJUSTABLE WIRE STRIPPER/CUTTER

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With cam adjustment

- > Strips and cuts insulated wire sizes from #22 AWG (0.65 mm) to #10 AWG (2.6 mm)
- > Cam adjusts easily to fit wire size
- > Pressure is against the cam not on the set screw
- > Opening spring and closing lock feature
- > Ideal for all applications
- > Ground and unground versions available
- > Soft plastic coated handles
- > Made in Taiwan
- > Length: 5.375 in. (136.53 mm)
- > Weight: 2.5 oz (71 g)
- > Model 103-S Part #: 80315
- > Model 103-S Part #: 80315-30 Ground Cutting Surface

## 100 - ADJUSTABLE WIRE STRIPPER CUTTER

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- > Strips and cuts insulated wire sizes from #22 AWG (0.65 mm) to #10 AWG (2.6 mm)
- > Effective for stripping / scoring fiber optic jackets and buffer tubing
- > Stop screw adjusts easily to fit wire size
- > Ground and unground cutting surface versions available
- > Soft plastic coated handles
- > Made in Taiwan
- > Length: 5.125 in. (130.18 mm)
- > Weight: 2.5 oz (71 g)
- > Also available with opening spring and closing lock feature (Model #101-S)
- > Model 100 Part #: 80300
- > Model 100 Part #: 80300-30 Ground Cutting Surface
- > Model 101-S Part #: 80305
- > Model 101-S Part #: 80305-30 Ground Cutting Surface



# 111-TAS - THUMB ADJUSTABLE WIRE STRIPPER/CUTTER

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- > Effective for stripping & cutting insulated wire sizes from #22 AWG (0.65 mm) to #10 AWG (2.6 mm)
- > Scalloped handles ergonomically designed for ease of use and optimum operator comfort
- > Patented mechanism allows for full range adjustment
- > Finger operated stop, adjusts easily for manual adjustment of jaws without additional tools
- > Unique spring mechanism holds the jaws and stripping surfaces in a normally open position, permitting ease of operation in repetitive stripping applications
- > Once set, the operating pressure is encapsulated between the cam and pivoting tool arm, allowing for maximum operator leverage
- > All cutting surfaces are precision formed, hardened, tempered and ground assuring clean smooth strips
- > Made in China
- > Length: 5.4 in. (137 mm)
- > Weight: 2.2 oz (62 g)
- > Part #: 80735

## PS 1

### SELF-ADJUSTING WIRE STRIPPER

- > Designed to handle PVC insulated small cross-sectional wires up to 1.5 mm<sup>2</sup> (0.062 in.)
- > Lightweight and compact size ideal for small applications
- > Allows for precise work with less fatigue
- > Automatic, self-adjusting stripping action over entire range
- > Built-in strip stop for consistent strip lengths
- > Built-in cutter for wire end trimming
- > Supplied with interchangeable gripping pads to suit different types of insulation
- > Made in China
- > Weight: 76 g (2.7 oz)
- > Dimensions: 155 x 80 x 14 mm (6.1 x 3.1 x 0.6 in.)
- > Part #: 39765
- > Replacement Gripping Pads (set of 3): Part #: 39398

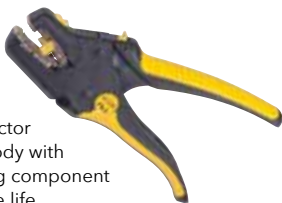


Application	Wire Size Range mm <sup>2</sup>	Wire Size Range O.D.	Approx. AWG Wire Size
Wire Stripping	up to 1.5	up to 0.062	Stranded 34-16 Solid 34-14
Wire Cutting	up to 1.5	up to 0.062	Stranded 34-16 Solid 34-14

## PS 2

### SELF-ADJUSTING WIRE STRIPPER

- > Ideal for production line and electronic / electrical maintenance applications
- > Comfortable fatigue free shape
- > Fully self-adjusting with built-in wire cutter, adjustable length stop and variable gripping power
- > Strips wire without damage to conductor
- > Robust fiberglass reinforced nylon body with hardened and tempered steel moving component parts insures a long, maintenance free life
- > Made in China
- > Weight: 150 g (5.3 oz)
- > Dimensions: 180 x 70 x 18 mm (7.1 x 2.8 x 0.7 in.)
- > Part #: 39780



Application	Wire Size Range mm <sup>2</sup>	Wire Size Range O.D.	Approx. AWG Wire Size
Wire Stripping	0.08 to 6.00	up to 0.126	22-10 Stranded & Solid
Wire Cutting	Up to 6.00 stranded Copper	up to 0.126	22-10 Stranded & Solid

## MK 1F/D - WIRE STRIPPERS

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- > Designed for high volume, production environments
- > Strips 0.25 mm<sup>2</sup> to 2.5 mm<sup>2</sup> PVC insulated wires
- > Wire Size Range: Up to 0.1 in. (0.25 to 2.5 mm<sup>2</sup>)
- > AWG Wire Size: Stranded or Solid: Up to 14 AWG
- > Die cast aluminum frame and pressed steel linkages offer a rugged design for production and field use
- > Automatic, self-adjusting stripping action over entire range
- > Additional flexibility to adjust for tough or soft insulations, with built-in adjustment dial
- > Built in strip stop for consistent strip lengths
- > Made in China
- > Weight: 240 g (8.5 oz)
- > Dimensions: 165 x 64 x 16 mm (6.5 x 2.5 x 0.6 in.)
- > Part #: 39415
- > Replacement Stripping Jaw Assembly: Part #: 39416

## NN - WIRE STRIPPERS

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- > The premier precision wire stripper for removing insulation from solid or stranded wire without nicking or scratching the conductor
- > Nominal conductor diameter range from .0050 to .044 in.
- > Tool hole diameter range from .008 to .054 in
- > Tool handle is stamped with identifying hole diameter
- > Made in the U.S.A.
- > Length: 5.375 in. (136.53 mm)
- > Weight: 2.5 oz (71 g)
- > See tables for part number

## Ordering Guide for NN Wire Strippers

**Note: NN Wire Strippers replace the No Nik Strippers that are no longer available.**

AWG	Wire Construction	Nominal Conductor Diameter in.	Nominal Conductor Diameter mm	Tool Hole Diameter	New Tool Model #	New Tool Part #	Old Tool Model #	Old Tool Part #	Old Tool Color
18	Solid	.0403	1.0236	.044	NN044W	86215	NN044	46215	Dark Brown
	Stranded	.044	1.1176	.054	NN054W	86217	NN054	46217	Clear
20	Solid	.0320	.8128	.034	NN034W	86211	NN034	46211	Pink
					NN037W	86213	NN037	46213	Grey
	Stranded	.035	.889	.037	NN037W	86213	NN037	46213	Grey
					NN044W	86215	NN044	46215	Dark Brown
22	Solid	.0253	.64262	.028	NN028W	86206	NN028	46206	Black
					NN031W	86209	NN031	46209	Tan
	Stranded	.028	.7112	.031	NN031W	86209	NN031	46209	Tan
					NN034W	86211	NN034	46211	Pink
24	Solid	.0201	.511	.023	NN023W	86202	NN023	46202	Maroon
					NN025W	86204	NN025	46204	Light Green
	Stranded	.022	.5588	.025	NN025W	86204	NN025	46204	Light Green
					NN028W	86206	NN028	46106	Black
26	Solid	.0159	.404	.018	NN018W	86198	NN018	46198	Yellow
					NN021W	86200	NN021	46200	Royal Blue
	Stranded	.017	.4318	.021	NN021W	86200	NN021	46200	Royal Blue
					NN023W	86202	NN023	46202	Maroon

## Ordering Guide for NN Wire Strippers

**Note: NN Wire Strippers replace the No Nik Strippers that are no longer available.**

AWG	Wire Construction	Nominal Conductor Diameter in.	Nominal Conductor Diameter mm	Tool Hole Diameter	New Tool Model #	New Tool Part #	Old Tool Model #	Old Tool Part #	Old Tool Color
28	Solid	.126	.320	.014	NN014W	86194	NN014	46194	Dark Green
					NN016W	86196	NN016	46196	Orange
					NN018W	86198	NN018	46198	Yellow
30	Solid	.100	.254	.012	NN012W	86192	NN012	46192	White
					NN014W	86194	NN014	46194	Dark Green
					NN016W	86196	NN016	46196	Orange
32	Solid	.080	.2032	.010	NN010W	86190	NN010	46190	Light Blue
					NN012W	86192	NN012	46192	White
					NN014W	86194	NN014	46194	Light Blue
34	Stranded	.07	.1778	.010	NN010W	86190	NN010	46190	Light Blue
					NN012W	86192	NN012	46192	White
					NN008W	86188	NN008	46188	Red
36	Stranded	.050	.127	.008	NN010W	86190	NN010	46190	Light Blue
					NN008W	86188	NN008	46188	Red
					NN008W	86188	NN008	46188	Red

## 60 - UTILITY CUTTER



- > Cuts stranded wire from #22 AWG (.65 mm) to #12 AWG (2.3 mm)
- > Utility cutter for plastic, wire and other materials
- > **Perfect for plastic cuffs**
- > Spring mechanism opens tool permitting ease of operation in repetitive functions
- > All cutting surfaces are precision formed, hardened, tempered and ground
- > Closing lock feature
- > Soft plastic coated handles
- > Made in Taiwan
- > Length: 5.375 in. (136.53 mm)
- > Weight: 2.5 oz (71 g)
- > Part #: 80365

## 205 - RURAL "C" LINE WIRE SLITTER & STRIPPER



- > Heads matched to wire diameter
- > Used by major telephone installers
- > Slitting and stripping blades are replaceable
- > Tools are self-closing for safety
- > Soft plastic coated handles
- > Made in the U.S.A.
- > Length: 7 in. (177.80 mm)
- > Weight: 9.5 oz (269 g)

Model	Part #	Wire Diameter		Replacement Blade	Replacement Blade Part #
		(in.)	(mm)		
205 14GA	80250	.062	1.57	205SL BL (Slitting Blade) 205ST BL (Stripping Blade)	80235* 80236-1
205 12GA	80238	.080	2.03	205SL BL (Slitting Blade) 205ST BL (Stripping Blade)	80235* 80236-4

\* Made in Korea

# 305 - FIGURE 8 AERIAL SELF SUPPORT DUCT SLITTING



- > Messenger removal and jacket slitting tools for round figure-8 aerial duct
- > Heads matched to messenger sizes
- > Self closing for safety
- > Locking latch on MJ and MW tools provides easier slitting action
- > Replaceable blades
- > Plastic Grips on handles
- > Made in the U.S.A.
- > Length: 6.5 in. (165 mm)
- > Weight: 9.0 oz (255 g)

Model #	Part #	Duct Mfr	Nominal Duct Messenger Size - mm	Maximum Messenger Covering O.D. - in.	Replacement Blade	Blade Part #
305 AN	80255	-	-	.380 - 420	305 BL	80235
305 WEB-B	80260	-	-	.435 - .450	305 BL	80235
305-6MW-P6	80631	Pyramid	6.6	.400	305 Hook	80244
305-6MW-D6	80241	Duraline	6.6	.450	305 Hook	80244

## Models for Messenger Jacket Slitting (Slits Messenger Jacket for Removal)

Model #	Part #	Duct Mfr	Nominal Duct Messenger Size - mm	Maximum Messenger Covering O.D. - in.	Replacement Blade	Blade Part #
305-6MJ-P6	80640	Pyramid	6.6	.400	305 MJ	80639
305-6MJ-AD6	80240	Duraline, Amco	6.6	.450	305 MJ	80639

## **925CS - SPLICER'S SCISSORS**

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- > Multi-purpose service tool
- > All exterior surfaces and interior blade surfaces double-plated with chrome over nickel to prevent rust and corrosion – the ONLY electrician's scissors that offer this full double protection
- > Every pair totally thru-hardened for years of service.
- > Use for splicing wire; cutting harness ties, insulation materials, medium gauge wires, and electrical tape; and stripping insulation.
- > Stripping notches for 19 and 23 gauge wire
- > Scraper and file on back of blade
- > Made in the U.S.A.
- > Length: 5.25 in (133 mm)
- > Weight: 3.2 oz (91 g)
- > Part #: 46043

## **925CS - ERGO - SPLICER'S SCISSORS**

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- > ERGO Scissors have the same quality features as 925CS
- > Ergonomic design to minimize hand wrist fatigue
- > Cushioned handle that nests in the palm of your hand for greater cutting leverage
- > Made in the U.S.A.
- > Length: 7.5 in. (190 mm)
- > Weight: 3.7 oz (110 g)
- > Part #: 46046



## CK6 - SPLICER'S KNIFE



- > Tough, coping-style blade
- > Forged steel
- > Full-Size, high-dielectric, yellow-cushioned handle
- > Provided with a protective blade sheath
- > Made in the U.S.A.
- > Length: 6.25 in. (159 mm)
- > Blade length: 1.625 in. (41 mm)
- > Weight: 2.4 oz (68 g)
- > Part #: 46112

## 925CS - SPLICER'S SCISSORS



- > Complete Kit Contains:
  - 1 - CSH 96 Holster
  - 1 - 925CS Splicer's Scissors
  - 1 - CK6 Knife
- > Made in the U.S.A.
- > Kit Dimensions: 8.25 x 2.125 x 1 in.  
(210 x 54 x 2.54 mm)
- > Weight: 7.5oz (213 g)
- > Part #: 46044

Model #	Part #	Description	Full Length	Length of Cut
925CS	46043	Stripping notches 19 & 23 AWG and one blade serrated	5 in. (127mm)	1.75 in. (44 mm)
925CS-ERGO	46046	Same as 925CS except with ERGO handles	5 in. (127mm)	1.75 in. (44 mm)
CK6	46112	Slicer's Knife	6.25 in. (159 mm)	N/A
925CS Kit	46044	One 925CS Scissor, One CK6 Splicer's Knife and One CSH96 Holster	8.5 in. (216 mm)	N/A

## SPECIALTY SCISSORS



- > Precision crafted tools
- > Perfect for military spec work
- > Used for cutting harnesses, assembling circuit boards, cutting and tying laces, and trimming wire for terminals
- > Needle-sharp points for accuracy and delicate trimming in tight places
- > Hot-forged fine cutlery steel, double-plated with chrome over nickel, tempered and precision ground for the finest performance
- > IS4 1/4 is a precise instrument with long blades and needle-sharp points for stripping shielding, and cutting light wire for shim stock. High leverage for extra cutting power
- > 33 1/4 is a high leverage scissor with delicate, extra sharp, curved blades
- > 384 and 385 have the same features, but vary in overall length and length of cut
- > 554 has snub-nosed, curved blades, and long, strong handles for cutting wire and filament in limited clearance areas
- > 564C has one blade serrated to prevent slip-out
- > Made in the U.S.A.
- > See table for part numbers

Model #	Part #	Full Length	Length of Cut
IS4 1/4	46333	4-1/4 in. (108 mm)	3/4 in. (19mm)
33 1/4 (Curved Blades)	46332	3-1/4 in. (83mm)	1/2 in. (13mm)
384	46337	4 in. (102 mm)	1-1/4 in. (32 mm)
385	46338	5 in. (127 mm)	1-1/2 in. (38 mm)
564C (one blade serrated)	46334	4 in. (102 mm)	3/8 in. (10 mm)

# TWEEZERS



- > AA-SA – Strong, fine tips. General purpose tweezer popular for assembly line work. Anti-acid/anti-magnetic stainless steel. Brushed satin finish.
- > 5SA – Needle sharp tips. Excellent for die attaching, wire bonding, and handling miniature parts. Anti-acid/anti-magnetic stainless steel. Brushed satin finish.
- > 7SA – Extra fine curved tips for working on miniature assemblies. Curved tips allow hand to rest on work surface for support, which means greater accuracy with less fatigue. Anti-acid/anti-magnetic stainless steel. Brushed satin finish.
- > 7C – Same design as the 7SA but made of carbon steel. Chrome plated for extra protection.
- > 231 – General purpose assembly tweezer with serrated inside points. Anti-acid/anti-magnetic stainless steel. Brushed satin finish.
- > 226 – Same design and serrated points as the 231 but made of carbon steel. Chrome-plated for added protection
- > Made in the U.S.A.
- > Weight: 7 oz (198 g)

Model #	Part #	Full Length
AA-SA	46056	4-7/8 in. (124 mm)
5-SA	46029	4-1/4 in. (108mm)
7-SA	46034	4-1/2 in. (114 mm)
7C	46032	4-1/2 in. (114 mm)
231	46011	4-3/4 in. (121 mm)
226	46009	4-3/4 in. (121 mm)

# AW/AWG - ANTI-WICKING TOOLS

## AW Series



## AWG Series



- > AW Series: Bullet-shaped head grips conductor, supports insulation
- > AWG Series: L-shaped head affords greater visibility. Works well in tightly confined solder areas
- > Precision-made from non-fatiguing copper alloy
- > Fully chrome-plated for extended life and solder-free operation
- > Heads drilled to precise tolerances for positive conductor contact and maximum thermal conductivity
- > Insures compliance with military and NASA specifications on inspection requirements of solder connections when used properly
- > Reverse action automatically grips conductor
- > Part numbers give correct AWG size wire that tools are made to fit
- > Meets all specifications for soldering both single and multi-strand wire
- > Made in the U.S.A.
- > Weight: 7 oz (198 g)

Model #	Part #	Full Length	Conductor Contact Length	Hole Diameter
AW 18	46059	5 in. (127 mm)	1/16 in. (1.59 mm)	.046 - .047 in. (1.17 - 1.19 mm)
AW 20	46061	5 in. (127 mm)	1/16 in. (1.59 mm)	.035 - .036 in. / .89 - .91 mm
AW 22	46063	5 in. (127 mm)	1/16 in. (1.59 mm)	.028 - .029 in. / .71 - .74 mm
AW 24	46065	5 in. (127 mm)	1/32 in. (.79 mm)	.022 - .023 in. / .56 - .58 mm
AW 26	46067	5 in. (127 mm)	1/32 in. (.79 mm)	.017 - .018 in. / .43 - .46 mm
AW 28	46069	5 in. (127 mm)	1/32 in. (.79 mm)	.012 - .014 in. / .30 - .36 mm
AW 30	46071	5 in. (127 mm)	1/32 in. (.79 mm)	.010 - .011 in. / .25 - .28 mm
AWG 18	46073	4-1/2 in. (114 mm)	1/16 in. (1.59 mm)	.046 - .047 in. / 1.17 - 1.19 mm
AWG 20	46076	4-1/2 in. (114 mm)	1/16 in. (1.59 mm)	.035 - .036 in. / .89 - .91 mm
AWG 22	46179	4-1/2 in. (114 mm)	1/16 in. (1.59 mm)	.028 - .029 in. / .71 - .74 mm
AWG 24	46082	4-1/2 in. (114 mm)	1/32 in. (.79 mm)	.022 - .023 in. / .56 - .58 mm
AWG 26	46085	4-1/2 in. (114 mm)	1/32 in. (.79 mm)	.017 - .018 in. / .43 - .46 mm
AWG 28	46087	4-1/2 in. (114 mm)	1/32 in. (.79 mm)	.012 - .014 in. / .30 - .36 mm
AWG 30	46089	4-1/2 in. (114 mm)	1/32 in. (.79 mm)	.010 - .011 in. / .25 - .28 mm

# DESOLDERING GUNS



**39459**  
DSG MINI AS 59802  
Mini Antistatic De-soldering Tool



**39455**  
DSG PRM De-soldering Tool  
fitted with micronozzle



**39467**  
DSG 587 AS  
The antistatic version of the DSGPRM



**39461**  
VALUVAC 574 AS  
Black antistatic plastic bodied  
VAL-U-VAC with PTFE nozzle



**39463**  
FLEXIVAC 2006  
Black plastic bodied VAL-U-VAC with the  
flexi nozzle

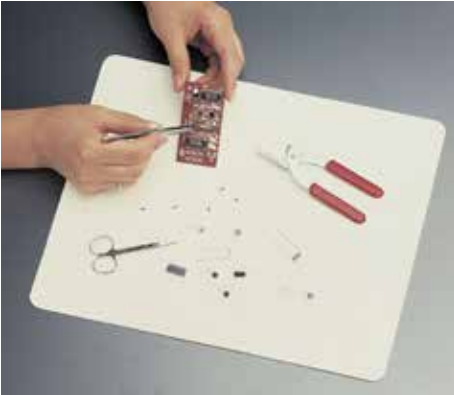


**39466**  
FLEXIVAC 2009  
3 position antistatic FLEXIVAC with the  
flexi nozzle

Product/Part #	Body Aluminum	Body Plastic	Anti-Static	Nozzle PTFE	Nozzle Silicone Rubber	A. Dimensions (mm)	B. Dimensions (mm)	C. Dimensions (mm)	D. Dimensions (mm)	E. Dimensions (mm)	Weight (g)	Spare Nozzles (x5)	Neoprene Washers (x10)
DSG PRM 587 (39455)	X					190	20	20	3	1.5	56	39503	29512
DSG 587 AS (39467)	X		X	X		190	20	20	3	1.5	56	39505	29512
DSG 59802 AS (39459)	X		X	X		154	14	15.5	3	1.5	35	39504	39514
VALUVAC 574 AS (39461)		X	X	X		184	26	20	3	1.5	39	39508	
FLEXIVAC 2006 (39463)		X	X		X	206	26	30	5	2	42	39506	
FLEXIVAC 2009 (39466)	X		X		X	198	26	30	5	2	60	39506	

- ▶ Complete range of professional quality desoldering tools for solder removal
- ▶ Tools feature PTFE or silicon rubber nozzles (see below)
- ▶ Extraction springs located outside the vacuum chamber to prevent solder sticking and promote long life
- ▶ Anti-static gun versions feature carbon impregnated tips and polished aluminum bodies to provide conduction from the desoldering point through to the operator (some plastic bodies, see below)
- ▶ Made in China

# SOFTY<sup>®</sup> ANT-STATIC DISPOSABLE WORK MAT



- > Cushioned surface protects delicate assemblies and expensive work surfaces
- > Make small parts handling easier and quicker
- > Inexpensive and disposable
- > Anti-static and free from contamination
- > Depress easily to give tools a sure grip on parts
- > Backing is non-slip, even on smooth glass
- > Will not put carbon into the atmosphere
- > Can be cleaned with soap and water without affecting their anti-static quality
- > Available in two sizes of mats or rolls
- > Surface resistivity  $10^{10}$  -  $10^{11}$  ohms/sq
- > Meets DOD-STD-1686 for anti-static material
- > Meets DOCF1-70 test for flammability
- > Made in U.S.A.

Model #	Part #	Size	Packaging
M11 White	46180	11 in. x 14 in. (279 mm x 356 mm)	Single
M14 White	46183	14 in. x 22 in. (356 mm x 559 mm)	Single
R22 White	46281	22 in. Width (559 mm)	180' (55 m) per roll

## RFNP/RFNP-S - FLAT NOSE PLIERS



- > ESD Safe and ergonomic slip free dual-compound thermoplastic grips for maximum comfort and durability
- > Smooth wide jaws for fine assembly applications
- > Drop-forged, hardened and tempered steel alloy, designed for maximum strength and performance
- > Pliers are suitable for work on ESD work stations in accordance with IEC 61340-5-1 surface resistance  $10^6 - 10^9$  ohms/sq
- > Made in Germany
- > See table for part numbers

Model	Part #	Weight	Length
RFNP-S Short Nose Pliers	46475	2.2 oz (61 g)	5.1 in (130 mm)
RFNP Long Nose Pliers	46474	3.1 oz (89 g)	5.7 in (145 mm)

## 85 - LONG NOSE PLIERS



- > Perfect for precision assembly work
- > Ideal for mechanics, technicians and hobbyists
- > Spring closing action holds parts so they don't slip during assembly
- > Soft plastic coated handles
- > Made in the U.S.A.
- > Length: 9.25 in. (234.95 mm)
- > Handle Width: 5.1 in., 130 mm
- > Tip Width; .25 in. (6.35 mm)
- > Weight: 77 g, 2.7 oz
- > Part #: 80285

## PDT - PUNCH DOWN TOOL

---



- > This spring-loaded adjustable, automatic impact tool is used for terminating wires on 110/88 or 66 - type connecting blocks
- > Precision hardened and interchangeable blades spread the termination prongs to allow fast and easy insertion of the wire into the contact, providing a tight termination that resists corrosion. The blade finishes the job in the same motion by neatly cutting off excess wire
- > Accepts a variety of interchangeable blades
- > No screwdriver is needed to change the blades
- > The impact of the blade can be adjusted simply by turning a thumb wheel
- > Convenient storage compartment with a unique locking mechanism provides storage for spare blades
- > Made in Taiwan
- > Length: 5.75 in. (146 mm)
- > Weight: 5.1 oz (145 g)
- > Part #: 46271
- > Replacement Blades: 110/88 Part #: 46268; 110/66 Part #: 46269

## RJC - RJ CRIMPING TOOL

---



- > Crimps RJ10, RJ11, RJ12, RJ22 and RJ45 modular connectors (4P, 6P, 8P)
- > Comfortable and ergonomic plastic grips
- > Wire cutter and jacket stripper built into tool body
- > Easy release ratcheting mechanism for ease of assembly
- > Ratchet mechanism can be released mid-cycle
- > Made in Taiwan
- > Length: 7-3/4 in. (197 mm)
- > Weight: 12 oz (340 g)
- > Part #: 80756
- > Replacement Blades: Part #: 80757



## **BTC - BT/RJ CRIMPING TOOL**

---



- Crimps British Telecom 630A/631A modular connectors
- Crimps RJ11, RJ12 & RJ 45 connectors
- Comfortable and ergonomic plastic grips
- Wire cutter and jacket stripper built into tool body
- Easy release ratcheting mechanism for ease of assembly
- Ratchet mechanism can be released mid-cycle
- Replacement Blades (package of 2) Part No: 80757
- Length: 197 mm (7-3/4 in)
- Weight: 340 g (12 oz)
- Made in Taiwan
- Part #: 40000

## **SMART-STRIP - DATA CABLE STRIPPER**

---



- Versatile and compact tool suitable for all types of standard insulation
- Smart-Strip produces an accurate depth of cut to any standard insulated size of wire or cable in the 0.03 to 0.39 in. (0.75 - 10 mm) range
- Strips UTP & STP data network cable
- Detailed depth adjustment mechanism allows the operator to change settings across standard insulations and a variety of delicate and irregular shielded multicore cables
- Spring loaded action
- Fixed depth version also available
- Made in China
- Weight: 1.4 oz (40 g)
- Dimensions: 3.8 x 0.75 x 1.5 in. (97 x 19 x 38 mm)
- Part #: 39470

## **LDT-UTP - UTP JACKET TRIMMER**

---



- > LDT-UTP is used for stripping the jacket on CAT5, CAT5E and CAT6 UTP/STP cables
- > Molded blade cassette ensures precise jacket stripping with no nicking/scoring of the twisted pair conductors
- > Factory pre-set cassette blades require no adjustment by the installer
- > Note: Tool is not intended for Plenum Series Cable construction
- > Made of Chinese and American Parts
- > Engineered in the U.S.A.
- > Length: 4 in. (102mm)
- > Weight: 0.8 oz (23g)
- > Part #: 42688

## **DDT-UTP - UTP JACKET TRIMMER**

---



- > DDT-UTP combo design is used for stripping the jacket on CAT5, CAT5E, CAT6 and the larger O.D. 10G types of UTP/STP cables
- > Molded blade cassette ensures precise jacket stripping with no nicking/scoring of the twisted pair conductors
- > Factory pre-set cassette blades require no adjustment by the installer
- > DDT combo model reduces the number of tools required to prepare various sizes of twisted pair (UTP/STP) cable
- > Note: Tool is not intended for Plenum Series Cable construction
- > Made of Chinese and American Parts
- > Engineered in the U.S.A.
- > Length: 3.63 in. (92mm)
- > Weight: 2 oz (57g)
- > Part #: 42452



# **UtilityTool™**

**Electric Utility, Distribution  
and Transmission**



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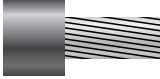
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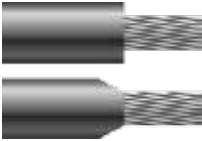
## CABLE PREPARATION EXAMPLES

### Mid-Span Stripping of Tree Wire, Spacer Cables and Riser/Tap Wire



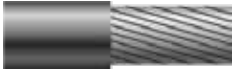
- > WS 1
- > WS 2
- > WSK 2
- > WS 10
- > WS K10
- > WS 55
- > WS 64-U-M
- > WS-MSES

### End Stripping 600 V Secondary Cables with either Square or Chamfered Cuts



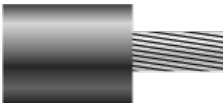
- > 4 x 4® PLUS
- > 2 x 2 PLUS
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- > WS 22
- > WS 68 SNAP
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### Jacket Stripping UD Cables



- > WS 61
- > WS 64-U
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### Insulation End Stripping - UD Cables



- > WS 5
- > WS 5A
- > WS 5B
- > WS 5DA
- > WS 6
- > WS 50
- > WS 50A
- > WS 58

### Insulation End Stripping - Transmission Cables



- > WS 50
- > WS 50A
- > WS 57
- > WS 70

# CABLE PREPARATION EXAMPLES

## Removing Strippable Insulation Shield from UD Cables



- > BP A
- > BP 1A
- > BP 2A
- > BP 3A
- > SCS

## Removing Bonded Insulation Shield from UD and Transmission Cables



- > WS 9A
- > WS 9C
- > WS 9S
- > WS 9S-T
- > WS 40
- > WS 57A
- > WS 76

## Pencililing UD Cables



- > WS 7
- > WS 7A
- > WS 8
- > WS 8A

## Pencililing Transmission Cables



- > WS 14A
- > WS 16
- > WS 17
- > WS 37

## Chamfering Insulation on UD Cables



- > IC 1
- > IC 2

## 4x4® & 2x2 PLUS - CABLE END STRIPPERS

- > For 600 volt secondary cable
- > Cutting heads for #6 AWG to 750 kcmil conductors (concentric, compressed or compacted)
- > Strips 45 mil to 110 mil secondary insulations
- > Choice of square cut or chamfer cut blades
- > Strips quickly, even in cold climates
- > Guarded cutting blades ensure safety
- > Precise stripping with no conductor damage
- > Bushings change easily with hex wrench
- > Extensions available to strip additional 1.5 in. (38 mm)
- > Made in the U.S.A.
- > 4 x 4: Length w/ bushings: 4.5 x 5 in. (114 x 127 mm); weight: 14 oz (397 g)
- > 2 x 2: Length w/ bushings: 5.75 in. (146 mm); weight: 8 oz (227 g)
- > 2x2 Body Part No.: 36101H
- > 4x4 Body Part No.: 36001H



4x4® PLUS®



2x2 PLUS

### Ordering information

1. Select 4 bushings (4 x 4) or two bushings (2 x 2), square or chamfer cut
2. If uncertain, please send cable samples

## WS 68 SERIES - POWER DRIVEN END STRIPPERS

- > Ergonomic end stripping tools for 600 volt secondary cable - designed for use with a low or variable speed power drill
- > Tools designed to reduce working time and effort on repetitive stripping functions
- > New adjustable strip stop with adjustment window allows easy setup for precise strip lengths from 0.625 in. (15.9mm) to 2.5 in. (63.6 mm).
- > Uses standard 2x2 and 4x4 bushings: From #6 AWG to 750 MCM (concentric, compressed or compacted)
- > WS 68 SNAP adds a bushing quick disconnect feature eliminating the need for a hex wrench
- > 3/8 in. & 1/2 in. square socket adapters available
- > Made in the U.S.A.
- > Bushings Sold Separately



WS 68

WS 68 SNAP

WS 68	Part #
w/1/4" Hex Drive	37430
w/3/8" Drill Drive	37430-1
w/3/8" Square Socket Drive	37430-2
w/1/2" Square Socket Drive	37430-3

WS 68 SNAP	Part #
w/3/8" Drill Drive	37955
w/1/4" Hex & 3/8" Square Socket Drive	37955-1
w/1/4" Hex Drive	37955-2
w/3/8" Square Socket Drive	37955-3
w/1/2" Square Socket Drive	37955-4



# 4x4<sup>®</sup> & 2x2 Plus - CABLE END STRIPPERS

## Ordering Guide for 4x4 Plus<sup>®</sup> and 2x2 Plus Bushings

Replacement Blade: CB 6667  
Made in the U.S.A.

These tables should only be used as a guide to locate a part number. Cable samples should be provided to Ripley to ensure proper sizing.

Square Cut



### Concentric Strand Conductor

Conductor Size AWG	Insulation Thickness											
	45 MIL		60 MIL		80 MIL		95 MIL		110 MIL		125 MIL	
	Max O.D. in.	mm.	Part #	Max O.D. in.	mm.	Part #	Max O.D. in.	mm.	Part #	Max O.D. in.	mm.	Part #
6	.290	7.37	10-30030	.315	8.00	10-32540	-	-	-	-	-	10-40075
4	.340	8.64	10-35030	.365	9.27	10-37540	-	-	-	-	-	-
2	.390	9.91	10-40030	.440	11.18	10-45040	.465	11.81	10-47560	-	-	-
1	-	-	-	.465	11.81	10-47540	.515	13.08	10-52560	-	-	-
1/0	-	-	-	.515	13.08	10-52540	.565	14.35	10-57560	.590	14.99	10-60075
2/0	-	-	-	.565	14.35	10-57540	.590	14.99	10-60060	.640	16.26	10-65075
3/0	-	-	-	.615	15.62	10-62540	.665	16.89	10-67560	.690	17.53	10-70075
4/0	-	-	-	.665	16.89	10-67540	.715	18.16	10-72560	.740	18.80	10-75075
kcmil												
250	-	-	-	-	-	-	.765	19.43	11-77560	.790	20.07	11-80075
350	-	-	-	-	-	-	.865	21.97	11-87560	.890	22.61	11-90075
500	-	-	-	-	-	-	.990	25.15	11-100060	1.040	26.42	11-105075

# 4x4® & 2x2 Plus - CABLE END STRIPPERS

## Ordering Guide for 4x4 Plus® and 2x2 Plus Bushings

Replacement Blade: CB 6667

Made in the U.S.A.

These tables should only be used as a guide to locate a part number. Cable samples should be provided to Ripley to ensure proper sizing.

Square Cut



### Compressed Strand Conductor

Conductor Size AWG	Insulation Thickness											
	45 MIL			60 MIL			80 MIL			95 MIL		
	Max O.D. in.	mm.	Part #	Max O.D. in.	mm.	Part #	Max O.D. in.	mm.	Part #	Max O.D. in.	mm.	Part #
6	.290	7.37	10-30030	.315	8.00	10-32540	-	-	-	.390	9.91	10-40075
4	.340	8.64	10-35030	.365	9.27	10-37540	-	-	-	-	-	-
2	.390	9.91	10-40030	.415	10.54	10-42540	.465	11.81	10-47560	-	-	-
1	-	-	-	.465	11.81	10-47540	.515	13.08	10-52560	-	-	-
1/0	-	-	-	.490	12.45	10-50040	.540	13.72	10-55060	.590	14.99	10-60075
2/0	-	-	-	.540	13.72	10-55040	.590	14.99	10-60060	.615	15.26	10-62575
3/0	-	-	-	.590	14.99	10-60040	.640	16.26	10-65060	.665	16.89	10-67575
4/0	-	-	-	.665	16.89	10-67540	.690	17.53	10-70060	.740	18.80	10-75075
kcmil												
250	-	-	-	-	-	-	.740	18.80	11-75060	.765	19.43	11-77575
350	-	-	-	-	-	-	.840	21.34	11-85060	.890	22.61	11-90075
500	-	-	-	-	-	-	.965	24.51	11-97560	1.015	25.78	11-102575

# 4x4® & 2x2 Plus - CABLE END STRIPPERS

## Ordering Guide for 4x4 Plus® and 2x2 Plus Bushings

Replacement Blade: CB 6667

Made in the U.S.A.

These tables should only be used as a guide to locate a part number. Cable samples should be provided to Ripley to ensure proper sizing.

Square Cut



### Compacted Strand Conductor

Conductor Size AWG	Insulation Thickness												
	45 MIL		60 MIL		80 MIL		95 MIL		110 MIL		125 MIL		
	Max O.D. in.	mm.	Max O.D. in.	mm.	Max O.D. in.	mm.	Max O.D. in.	mm.	Max O.D. in.	mm.	Max O.D. in.	mm.	
6	.290	7.37	10-30030	.315	8.00	10-32540	-	-	.390	9.91	10-40075	-	-
4	.340	8.64	10-35030	.365	9.27	10-37540	-	-	-	-	-	-	-
2	.390	9.91	10-40030	.415	10.54	10-42540	.465	11.80	-	-	-	-	-
1	-	-	-	.440	11.18	10-45040	.490	12.35	-	-	-	-	-
1/0	-	-	-	.465	11.81	10-47540	.515	13.08	.565	14.35	10-57575	.640	16.26
2/0	-	-	-	.515	13.08	10-52540	.565	14.35	.590	14.99	10-60075	.640	16.26
3/0	-	-	-	.565	14.35	10-57540	.615	15.62	.640	16.26	10-65075	.690	17.35
4/0	-	-	-	.615	15.62	10-62540	.665	16.89	.690	17.35	10-70075	.740	18.80
kcmil													
250	-	-	-	-	-	-	.715	18.16	.740	18.80	10-75075	.840	21.34
350	-	-	-	-	-	-	.790	20.07	.840	21.34	11-85075	.965	24.15
500	-	-	-	-	-	-	.915	23.24	.965	24.15	11-97575	-	-

# 4x4® & 2x2 Plus - CABLE END STRIPPERS

## Ordering Guide for 4x4 Plus® and 2x2 Plus Bushings

Replacement Blade: CB 108

Made in the U.S.A.

These tables should only be used as a guide to locate a part number. Cable samples should be provided to Ripley to ensure proper sizing.

Chamfer Cut



### Concentric Strand Conductor

Conductor Size AWG	Insulation Thickness											
	45 MIL			60 MIL			80 MIL			95 MIL		
	Max O.D. in.	mm.	Part #	Max O.D. in.	mm.	Part #	Max O.D. in.	mm.	Part #	Max O.D. in.	mm.	Part #
6	.290	7.37	12-30030	.315	8.00	12-32540	-	-	-	-	-	12-40075
4	.340	8.64	12-35030	.365	9.27	12-37540	-	-	-	-	-	-
2	.390	9.91	12-40030	.440	11.18	12-45040	.465	11.81	12-47560	-	-	-
1	-	-	-	.465	11.81	12-47540	.515	13.08	12-52560	-	-	-
1/0	-	-	-	.515	13.08	12-52540	.565	14.35	12-57560	.590	14.99	12-60075
2/0	-	-	-	.565	14.35	12-57540	.600	15.24	12-62560	.640	16.26	12-65075
3/0	-	-	-	.615	15.62	12-62540	.665	16.89	12-67560	.690	17.53	12-70075
4/0	-	-	-	.665	16.89	12-67540	.715	18.16	12-72560	.740	18.80	12-75075
kcml	-	-	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	.765	19.43	13-77560	.790	20.07	13-80075
350	-	-	-	-	-	-	.865	21.97	13-87560	.890	22.61	13-90075
500	-	-	-	-	-	-	.990	25.15	13-100060	1.040	26.42	13-105075

# 4x4<sup>®</sup> & 2x2 PLUS - CABLE END STRIPPERS

## Ordering Guide for 4x4 Plus<sup>®</sup> and 2x2 Plus Bushings

Replacement Blade: CB 108

Made in the U.S.A.

These tables should only be used as a guide to locate a part number. Cable samples should be provided to Ripley to ensure proper sizing.



Chamfer Cut



### Compressed Strand Conductor

Conductor Size AWG	Insulation Thickness											
	45 MIL			60 MIL			80 MIL			95 MIL		
	Max O.D. in.	mm.	Part #	Max O.D. in.	mm.	Part #	Max O.D. in.	mm.	Part #	Max O.D. in.	mm.	Part #
6	.290	7.37	12-30030	.315	8.00	12-32540	-	-	-	.390	9.91	12-40075
4	.340	8.64	12-35030	.365	9.27	12-37540	-	-	-	-	-	-
2	.390	9.91	12-40030	.415	10.54	12-42540	.465	11.81	12-47560	-	-	-
1	-	-	-	.465	11.81	12-47540	.515	13.08	12-52560	-	-	-
1/0	-	-	-	.490	12.45	12-50040	.540	13.72	12-55060	.590	14.99	12-60075
2/0	-	-	-	.540	13.72	12-55040	.590	14.99	12-60060	.615	15.26	12-62575
3/0	-	-	-	.590	14.99	12-60040	.640	16.26	12-65060	.665	16.89	12-67575
4/0	-	-	-	.665	16.89	12-67540	.690	17.53	12-70060	.740	18.80	12-75075
kcmil												
250	-	-	-	-	-	-	.740	18.80	13-75060	.765	19.43	13-77575
350	-	-	-	-	-	-	.840	21.34	13-85060	.890	22.61	13-90075
500	-	-	-	-	-	-	.965	24.51	13-97560	1.015	25.78	13-102575

# 4x4® & 2x2 Plus - CABLE END STRIPPERS

## Ordering Guide for 4x4 Plus® and 2x2 Plus Bushings

Replacement Blade: CB 108

Made in the U.S.A.

These tables should only be used as a guide to locate a part number. Cable samples should be provided to Ripley to ensure proper sizing.

Chamfer Cut



### Compacted Strand Conductor

Conductor Size AWG	Insulation Thickness											
	45 MIL			60 MIL			80 MIL			95 MIL		
	Max O.D.	mm.	Part #	Max O.D.	mm.	Part #	Max O.D.	mm.	Part #	Max O.D.	mm.	Part #
6	.290	7.37	12-30030	.315	8.00	12-32540	-	-	-	.390	9.91	12-40075
4	.340	8.64	12-35030	.365	9.27	12-37540	-	-	-	-	-	-
2	.390	9.91	12-40030	.415	10.54	12-42540	.465	11.80	12-47560	-	-	-
1	-	-	-	.440	11.18	12-45040	.490	12.35	12-50060	-	-	-
1/0	-	-	-	.465	11.81	12-47540	.515	13.08	12-52560	.565	14.35	12-57575
2/0	-	-	-	.515	13.08	12-52540	.565	14.35	12-57560	.590	14.99	12-60075
3/0	-	-	-	.565	14.35	12-57540	.615	15.62	12-62560	.640	16.26	12-65075
4/0	-	-	-	.615	15.62	12-62540	.665	16.89	12-67560	.690	17.35	12-70075
kcmil												
250	-	-	-	-	-	-	.715	18.16	12-72560	.740	18.80	13-75075
350	-	-	-	-	-	-	.790	20.07	13-80060	.840	21.34	13-85075
500	-	-	-	-	-	-	.915	23.24	13-92560	.965	24.15	13-97575

# SUPER STRIPPER KIT - 4x4, 2x2, WS 68 TOOLS

4x4, 2x2 and WS 68 Tools – Bushings may be ordered separately (by bushing part numbers) or in four standard kit configurations (part numbers shown below) by wire type. Each of these 4 kits come with a 4x4 body, the bushings as shown, and a tool case. Made in the U.S.A.

These tables should only be used as a guide to locate a part number. Cable samples should be provided to Ripley to ensure proper sizing.

Conductor Size	THHN Copper Conductor (Kit # 34695) Individual Bushings Part #	XHHW Copper Conductor (Kit # 34910) Individual Bushings Part #	THHN/XHHW Aluminum Conductor (Kit # 34998) Individual Bushings Part #	RHW/RHH/USE Copper Conductor (Kit # 34695) Individual Bushings Part #
#6	10-26522	10-26522	10-27530	10-32540
#4	10-35030	10-35030	10-32530	10-37540
#3	42822	42822	10-35030	-
#2	10-40030	10-40030	10-37530	10-45040
#1	10-47540	10-47540	42823	10-52560
1/0	10-50040	10-50040	44731	10-57560
2/0	10-55040	10-55040	10-50040	10-60060
3/0	10-60040	10-60040	10-55040	10-65060
4/0	10-65040	10-65040	42486	10-72560
250 kcmil	10-72550	11-72550	10-67550	11-80075
300 kcmil	11-77550	11-77550	10-72550	11-85075
350 kcmil	11-82550	11-82550	11-77550	11-90075
400 kcmil	11-87550	11-87550	11-82550	-
500 kcmil	11-95050	11-95050	11-90050	11-102575
<b>See below for special order sizes not included in kit sets above</b>				
600 kcmil	11-105060	11-105060	11-102560	-
700 kcmil	-	-	11-107560	-
750 kcmil	11-117560	11-117560	11-110060	-

# SUPER STRIPPER KIT

## SQUARE CUT BUSHINGS FOR ELECTRICAL WIRE



- > Four standard kit configurations
- > Order by wire type
- > Each kit comes with a choice of the 4x4 Plus, or the WS 68, or the WS 68 SNAP body, a set of bushings, and a tool case
- > Also available with a WS 68 or WS 68 SNAP ergonomic tool
- > See tables on the following pages as a guide
- > Bushings may also be ordered separately

<b>Standard Kit Sets for Electrical Wire (Square Cut) with 4 x 4 Tool ONLY</b>	
34695	THHN CU
34910	XHHW CU
34998	THHN/XHHW/XHHN AL
34785	RHW/RHH/USE CU
<b>Standard Kit Sets for Electrical Wire with WS 68 Snap ONLY</b>	
38685	THHN CU
38686	XHHW CU
38687	THHN/XHHW/XHHN AL
38684	RHW/RHH/USE CU
<b>Standard Kit Sets for Electrical Wire with WS 68 Snap &amp; 4 x4 Tool</b>	
42567	THHN CU
42569	XHHW CU
42574	THHN/XHHW/XHHN AL
42564	RHW/RHH/USE CU



# WS 22 - DOUBLE-ENDED END STRIPPER



- For 600 volt cables, 1/0 AWG to 1000 kcmil
- Square-cuts two specific cable sizes
- Clean strips quickly with no conductor damage
- Made in the U.S.A.
- Length: 6 in (152 mm)
- Weight: 1.0 lb (454 g)
- Part #: 12304H

## Ordering Information

1. Select 2 bushings
  2. If uncertain, send us a sample of your cable
- \*Bushings Sold Separately

# WS 22A - POWER DRIVEN END STRIPPER



- Ergonomic end stripping tool for 600 volt secondary cable, 1/0 AWG to 1000 kcmil - designed for use with a low or variable speed power drill
- Tool designed to reduce working time and effort on repetitive stripping functions
- New adjustable strip stop with adjustment window allows easy setup for precise strip lengths from 1 in. (25.4 mm) to 5.0 in. (127 mm)
- Choice of Drill Drive or Socket Drive adapters available
- Uses standard WS 22 bushings
- Bushings sold separately
- Strips quickly, even in cold climates
- Precise stripping with no conductor damage
- Guarded cutting blades ensure safety
- Made in the U.S.A.
- Length without bushings: 7.44 in. (189 mm)
- Weight without bushings: 15 oz (426 g)

WS 22A	Part #
w/ 3/8" Drill Drive	12340
w/ 1/4" Hex Drive	12340-1
w/ 3/8" Square Socket Drive	12340-2
w/ 1/2" Square Socket Drive	12340-3

# WS 22 SERIES - BUSHINGS

## Ordering Guide for WS 22 Series Bushings for Square Cut Insulation

Replacement Blade: CB 22

Made in the U.S.A.

These tables should only be used as a guide to locate a part number. Cable samples should be provided to Ripley to ensure proper sizing.



### Concentric Strand Conductor

Conductor Size AWG	Insulation Thickness											
	60 MIL			80 MIL			95 MIL			110 MIL		
	Max O.D.	mm.	Part #	Max O.D.	mm.	Part #	Max O.D.	mm.	Part #	Max O.D.	mm.	Part #
1/0	.515	13.08	15-52540	.565	14.35	15-57560	.590	14.99	15-60075	-	-	-
2/0	.565	14.35	15-57540	.590	14.99	15-60060	.640	16.26	15-65075	-	-	-
3/0	.615	15.62	15-62540	.665	16.89	15-67560	.690	17.53	15-70075	-	-	-
4/0	.665	16.89	15-67540	.715	18.16	15-72560	.740	18.80	15-75075	-	-	-
kcmil												
250	-	-	-	.765	19.43	15-77560	.790	20.07	15-80075	.815	20.70	15-82590
350	-	-	-	.865	21.97	15-87560	.890	22.61	15-90075	.915	24.51	15-92590
500	-	-	-	.990	25.15	15-100060	1.040	26.42	15-105075	1.065	27.05	15-107590
600	-	-	-	1.065	27.05	15-107560	1.115	28.32	15-112575	1.140	28.96	15-115090
700	-	-	-	1.165	29.59	15-117560	1.190	30.23	15-120075	1.115	30.86	15-122590
750	-	-	-	1.190	30.23	15-120060	1.215	30.86	15-122575	1.240	31.50	15-125090
800	-	-	-	1.215	30.86	15-122560	1.265	32.13	15-127575	1.290	32.77	15-130090
900	-	-	-	1.290	32.77	15-130060	1.315	33.40	15-132575	1.365	34.67	15-137590
1000	-	-	-	1.340	34.04	15-135060	1.365	34.67	15-137575	1.390	35.31	15-140090

# WS 22 SERIES - BUSHINGS

## Ordering Guide for WS 22 Series Bushings for Square Cut Insulation

Replacement Blade: CB 22

Made in the U.S.A.

These tables should only be used as a guide to locate a part number. Cable samples should be provided to Ripley to ensure proper sizing.



### Compressed Strand Conductor

Conductor Size AWG	Insulation Thickness											
	60 MIL			80 MIL			95 MIL			110 MIL		
	Max O.D. in.	mm.	Part #	Max O.D. in.	mm.	Part #	Max O.D. in.	mm.	Part #	Max O.D. in.	mm.	Part #
1/0	.490	12.45	15-50040	.540	13.72	15-55060	.590	14.99	15-60075	-	-	-
2/0	.540	13.72	15-55040	.590	14.99	15-60060	.615	15.62	15-62575	-	-	-
3/0	.590	14.99	15-60040	.640	16.26	15-65060	.665	16.89	15-67575	-	-	-
4/0	.665	16.89	15-67540	.690	17.53	15-70060	.740	18.80	15-75075	-	-	-
kcmil												
250	-	-	-	.740	18.80	15-75060	.765	19.43	15-77575	.815	20.70	15-82590
350	-	-	-	.840	21.34	15-85060	.890	22.61	15-90075	.915	23.27	15-92590
500	-	-	-	.965	24.51	15-97560	1.015	25.78	15-102575	1.040	26.42	15-105090
600	-	-	-	1.065	27.05	15-107560	1.090	27.69	15-110075	1.115	28.32	15-112590
700	-	-	-	1.140	28.96	15-115060	1.165	29.39	15-117575	1.190	30.23	15-120090
750	-	-	-	1.165	19.59	15-117560	1.190	30.23	15-120075	1.215	30.86	15-122590
800	-	-	-	1.190	30.23	15-120060	1.215	32.86	15-122575	1.265	32.13	15-127590
900	-	-	-	1.240	32.50	15-125060	1.290	32.77	15-130075	1.315	33.40	15-132590
1000	-	-	-	1.315	33.40	15-132560	1.340	34.04	15-135075	1.365	34.67	15-137590

# WS 22 SERIES - BUSHINGS

## Ordering Guide for WS 22 Series Bushings for Square Cut Insulation

Replacement Blade: CB 108

Made in the U.S.A.

These tables should only be used as a guide to locate a part number. Cable samples should be provided to Ripley to ensure proper sizing.



### Compact Strand Conductor

Conductor Size AWG	Insulation Thickness											
	60 MIL			80 MIL			95 MIL			110 MIL		
	Max O.D.	mm.	Part #	Max O.D.	mm.	Part #	Max O.D.	mm.	Part #	Max O.D.	mm.	Part #
1/0	.465	11.81	15-47540	.515	13.08	15-52560	.565	14.35	15-57575	-	-	-
2/0	.515	13.08	15-52540	.565	14.25	15-57560	.590	14.99	15-60075	-	-	-
3/0	.565	14.35	15-57540	.615	15.62	15-62560	.640	16.26	15-65075	-	-	-
4/0	.615	15.62	15-62540	.665	16.89	15-67560	.690	17.53	15-70075	-	-	-
kcmil												
250	-	-	-	.715	18.16	15-72560	.740	18.88	15-75075	.790	20.07	15-80090
350	-	-	-	.790	20.07	15-80060	.840	21.34	15-85075	.865	21.97	15-87590
500	-	-	-	.915	23.27	15-92560	.965	24.51	15-97575	.990	25.15	15-100090
600	-	-	-	1.015	25.78	15-102560	1.040	26.42	15-105075	1.090	27.69	15-110090
700	-	-	-	1.065	27.05	15-107560	1.090	27.69	15-110075	1.140	28.96	15-115090
750	-	-	-	1.090	27.69	15-110060	1.140	28.96	15-115075	1.165	29.59	15-117590
800	-	-	-	1.140	28.96	15-115060	1.165	29.59	15-117575	1.190	30.23	15-120090
900	-	-	-	1.190	30.23	15-120060	1.215	30.86	15-122575	1.265	32.13	15-127590
1000	-	-	-	1.265	32.13	15-127560	1.290	32.77	15-130075	1.315	33.40	15-132590

# ERGONOMIC KIT - SECONDARY CABLE STRIPPING



**WS 22A**

- > Can be customized with the WS 22A, or the WS 68 Snap, or both
- > Can be customized with bushing in the ranges of 8-500 kcmil, or 500-1000 kcmil
- > Can contain spare parts, blades, tube-o-lube, etc.
- > Includes carrying case
- > Made in the U.S.A.
- > Call Customer Service for more information U.S.: 860-635-2200 U.K.: 44-1384-400070
- > Case only Part #: 38799

**WS 68 Snap**



## WS 71/WS 72 ADJUSTABLE MID-SPAN STRIPPERS

**WS 71**



**WS 72**



- > For end (WS 71) and mid-span stripping (WS 72) of 600V secondary cable
- > Cable range of 1/2 to 1.3 in. (12.7 to 33 mm) OD (1/0 to 1000 kcmil)
- > Bright color for easy visibility
- > Indexing blade positions for stripping 45, 60, 80, 95 and 110 mil insulation thickness
- > Quick release adjustment simplifies sizing on cable
- > Made of impact resistant and lightweight polymer material
- > Mid-Span and End Stripping blades are interchangeable in the same tool body
- > Made of Chinese and American parts
- > Engineered in the U.S.A
- > Dimensions: 5 x 4 x 2-1/2 in. (127 x 102 x 64 mm)
- > Weight: 9.3 oz (263 g)

Model	Function	Installed Blade	Part #
WS 71	End Stripping Cable Range .5 in. to 1.3 in. (12.7mm to 33mm) OD	CB 7 (Part # 10302)	42120
WS 72	Mid-Span Stripping Cable Range .5 in. to 1.3 in. (12.7mm to 33mm) OD	CB 272 (Part # 42137)	42130

## RMS™

### MID-SPAN STRIPPER

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- > The RMS™ has a cable range of .60 to 1.75 OD and a voltage of 10 to 35kv and is designed for one-man operation from a bucket truck.
- > The tool head is made from insulated Delrin. It has an intermediate hot stick shaft and the epoxy drive shaft maintains a 4 FT approach distance from energized line.
- > The RMS™ mid-span strips any phase without removing conductor from spacers and each bushing comes with a go/no-go style cable gauge ensuring the proper bushing is used on the wire.
- > The kit includes a tool stop clamp (MTS) that is designed to work with a grip all stick to maintain safe approach distance and also comes with a convenient carry case with storage for additional bushings and cable gauges.
- > The RMS™ also eliminates the need for conductor covers and insulated blankets!
- > Engineered in the U.S.A
- > Dimensions: 6"x7"x60"
- > Part # 38210-048

# WS 1 SERIES - MID-SPAN STRIPPERS



- > For .320 to .790 in. (8.13 to 20.07 mm) Cable O.D.
- > Operates on all tree wire and spacer cables
- > Choice of handle styles
- > Each tool built for a specific cable size
- > Designed for HOT STICK operation
- > Strips to any length in one continuous operation
- > Strips at end or any point along cable length (mid-span)
- > Made in the U.S.A.
- > Length: 11 in (279 mm) end-to-end
- > Weight: 2.5 lb (1.13 kg)



## Ordering Information

1. Select the type of handle you want
2. Send Ripley a cable sample and/or a cable specification sheet identifying cable O.D. and insulation thickness



**WSP1  
Plastic**



**WSR1  
Rings**

Models			Cable O.D.			Replacement Blades
Hook/Ring	Plastic	3/4 in. (19 mm) Rings	(inch)	(mm)	(mils)	
WS 1 Part # 17200	WSP 1 Part # 17500	WSR 1 Part # 17300	.320 to .790	8.13 to 20.07	45 to 125 125 to 200	CB2 (Part # 10114) CB1 (Part # 10113)

## WS 2 SERIES - MID-SPAN STRIPPERS

- > For .750 to 1.250 in. (19.05 to 31.75 mm) Cable O.D.
- > Operates on all tree wire and spacer cables
- > Strips at end or any point along cable length (mid-span)
- > Designed for gloved hand and HOT STICK operation
- > Choice of handle styles
- > Each tool built for a specific cable size
- > Strips to any length in one continuous operation
- > "K" models have double-action blades
- > Made in the U.S.A.
- > Length: 11 in. (279 mm) end-to-end
- > Weight: 2.5 lb (1.13 kg)



### Ordering Information

1. Select the type of handle you want
2. Send Ripley a cable sample and/or a cable specification sheet identifying cable O.D. and insulation thickness

WS 2 & WSK 2  
Hook/Ring

WSR 2 & WSRK 2  
3/4 in. (19 mm) Rings

WSP 2 & WSPK 2  
Plastic



Models		3/4 in. (19 mm) Rings	Cable O.D.			Replacement Blades
Hook/Ring	Plastic		(inch)	(mm)	(mils)	
WS 2 Part # 18100	WSP 2 Part # 18500	WSR 2 Part # 18200	.750 to 1.250	19.05 to 31.75	45 to 125 125 to 200	CB 2 (Part # 10114) CB 1 (Part # 10113)
WSK 2 Part # 19700	WSPK 2 Part # 20000	WSRK 2 Part # 19800	.750 to 1.250	19.05 to 31.75	>200	CB 8-2A (Part # 19702) CB 19 (Part # 10112)



# WS 10 SERIES - MID-SPAN STRIPPERS



- For 1.05 to 1.80 in. (26.67 to 45.72 mm) Cable O.D.
- Operates on all tree wire and spacer cables
- Strips to any length
- Strips at end or any point along cable length (mid-span)
- Designed for gloved hand and HOT STICK operation
- Separate tool required for each cable size
- "K" models have two cutting blades
- Made in the U.S.A.
- Length: 15 in. (381mm) end-to-end  
WSRK 10: 12 in. (305 mm)
- Weight: 4 lb (1.81 Kg)

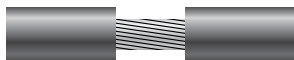
## Ordering Information

1. Select the type of handle you want
2. Send Ripley a cable sample and/or a cable specification sheet identifying cable O.D. and insulation thickness

WSP 10 & WSPK 10  
Plastic



WSR 10 & WSRK 10  
3/4 in. (19 mm) Rings



Models		Cable O.D.			Replacement Blades
Plastic Handles	3/4 in. (19 mm) Rings	(inch)	(mm)	(mils)	
WSP 10 Part # 11300	WSR 10 Part # 11335	1.05 to 1.80	26.67 to 45.72	<200	CB 4 (Part # 11313)
WSPK 10 Part # 11330	WSRK 10 Part # 11345	1.05 to 1.80	26.67 to 45.72	>200	CB 8-2B (Part # 19704) CB 162 (Part # 34782)

## WS 55 - ADJUSTABLE MID-SPAN STRIPPERS



- > For 5 to 25 KV cable
- > .600 to 1.625 in. (15.24 to 41.28 mm) Cable O.D.
- > Operates on all tree wire and spacer cables
- > Designed for gloved hand operation only
- > Adjusts easily to handle variety of cable sizes and insulation thicknesses
- > Versatile tool which can be used for:
  - Midspan stripping of aerial cable
  - End stripping and jacket removal of URD cables
- > Fast slide-action adjustment for many cable sizes
- > Easy grip plastic handles
- > Tools and blades marked for easy adjustment
- > Made in the U.S.A.
- > Length: 16.5 in. (419 mm)
- > Weight: 2.6 lb (1.18 Kg)



Model	Cable O.D.	Cable O.D.	Insulation	Cutting Blade	Ringing Blade
	<i>in</i>	<i>mm</i>	<i>Thickness</i>		
WS 55 Part # 34260	.600 to 1.625	15.24 to 41.25	up to 300 mils	CB 100 Part # 34294	CB 19 Part # 10112

## WS 73 - ADJUSTABLE CABLE STRIPPER



- > For mid-span and end stripping the outer jacket on secondary and primary cables
- > Adjustable cutting depth via fine adjustment knob
- > Good for cable diameters from 1/2 in (12.7 mm) to 1-1/2 in (38 mm)
- > Can be used for Olex CCT cable
- > Strong cast aluminum body
- > Tool steel blade
- > Made in the U.S.A.
- > Length: 9.25 in. (235 mm)
- > Weight: 1.8 lbs (816 g)
- > Part #: 42290
- > Replacement Blade: CB 267 (Part #: 42293)

# WS-MSES - MID-SPAN TOOL PRIMARY TAP WIRE

- > Mid-span and end stripping tool for fast and efficient removal of polyethylene covering on primary voltagetap or riser wires
- > Designed to easily remove a section of cable jacket at mid span for the purpose of clamping to lightning arrestors
- > Tool feeds easily and strips any desired length
- > Tools are cable size specific and designed to strip cable with no conductor damage
- > Unique spring loaded locking bolt opens the tool body halves for quick and easy positioning onto the cable
- > Convenient pull ring at the end of the locking bolt also serves as a means of attachment to tool belt / pouch
- > Common Wire Sizes: #2, #4 and #6 AWG with 110 mil coverings. Other covering thicknesses available; contact Ripley Customer Service for more information U.S.: 860-635-2200  
U.K.: 44-1384-400070
- > Made in the U.S.A.
- > Length: 4.25 in. (108 mm)
- > Weight: 15 oz (426 g)
- > Replacement Blade:  
CB 223 Part #: 37111



Cable Size	Insulation Thickness	Part #
#2	110 mil	37388
#2	150 mil	37730
#4	110 mil	37380
#4S	110 mil	38060
#4	150 mil	37715
#6	110 mil	37384
#6	150 mil	37800

# WS 58 - ADJUSTABLE END STRIPPER



- > For .625 to 1.625 in. (15.88 to 41.28 mm) cable O.D.
- > Fast, slide-action adjustment
- > Two handle power turning strips easily
- > Clean, safe cuts prevent conductor damage
- > Adjustable to fit wide range of cable O.D.'s
- > Made in the U.S.A.
- > Length: 16.5 in. (419 mm)
- > Weight: 2.1 lb (953 g)
- > Part #: 34360
- > Replacement blade: CB 100 Part #: 34294

## RCS-114 - ROUND CABLE STRIPPERS

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- Designed for fast, safe, and precise jacket removal of PE, PVC, rubber, and other jackets
- Fiber Optic cables - excellent tool for precise jacket stripping of fiber optic multi-fiber cables
- For smaller diameter cables: 0.178 to 1.14 in. (4.5 - 29 mm)
- Rotary cut to a longitudinal cut along the cable length for end stripping
- Spiral cut for end stripping and mid-span stripping
- Spiral cutting features provides easier removal of harder jackets
- Spring-loaded cable brace firmly secures cable to the blade for controlled cutting action
- Comfort and ergonomic design for ease of use and storage
- Long life blade design
- Blade depth can be regulated by simply turning the blade housing
- Blade housing is PTFE coated, for smooth, low effort stripping
- Made in U.K.
- Length: 5.43 in. (138 mm)
- Weight: 3.5 oz (100 g)
- Part #: 37140
- Replacement blade: CB231 (Part #: 37150)

## RCS-158- ROUND CABLE STRIPPERS

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- Designed for fast, safe, and precise jacket removal of PE, PVC, rubber, and other jackets
- Fiber Optic cables - excellent tool for precise jacket stripping of fiber optic multi-fiber cables
- For larger diameter cables: 0.75 to 1.58 in. (19 to 40 mm)
- Rotary cut to a longitudinal cut along the cable length for end stripping
- Spiral cut for end stripping and mid-span stripping
- Spiral cutting features provides easier removal of harder jackets
- Spring-loaded cable brace firmly secures cable to the blade for controlled cutting action
- Comfort and ergonomic design for ease of use and storage
- Long life blade design
- Blade depth can be regulated by simply turning the blade housing
- Blade housing is PTFE coated, for smooth, low effort stripping
- Made in U.K.
- Length: 6.02 in. (153 mm)
- Weight: 3.84 oz (110 g)
- Part #: 37145
- Replacement blade: CB231 (Part #: 37150)

## FOKC - COPPER SHIELD CUTTER

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- > Powerful quick cutting action
- > Makes a great tin snip for cutting copper tape shield
- > Full serrated edge for consistent, fast and clean cuts
- > Lightweight and compact
- > Return spring designed for precise repeated cuts
- > Ergonomic handles with cushioned non-slip grips
- > Made of high carbon steel specially treated for long life and trouble free cuts
- > Made of Chinese and American Parts
- > Length: 5.75 in. (146 mm)
- > Weight: 2.5 oz (72 g)
- > Part #: 36495



## MK04 - CABLE JACKET STRIPPER

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- > Cable stripper for outer jackets and insulation on large diameter cables
- > Heavy duty construction for industrial environments
- > Rotary cut to a longitudinal cut along the cable length for end stripping
- > Spiral cut for end stripping
- > Spiral cut for mid-span stripping
- > Spiral cutting feature provides easier removal of soft jackets on larger cables
- > Adjustable blade up to 0.20 in. (5 mm) depth
- > Blade depth setting can be locked to assure consistent repetitive operations
- > Roller support of cable for smooth stripping action
- > Wheel blade applications available - contact customer service for sizes and applications U.S.: 860-635-2200 U.K.: 44-1384-400070
- > Made in China
- > Weight: 1.5 lbs (680 g)
- > Size: 3.7 x 1.7 (head) x 9.8 in. (95 x 42 x 250 mm)
- > Replacement Fixed Blade Assembly - Part #: 39379
- > Replacement Fixed Blade Cartridges (FC2) - 39377 & (FC3) - Part #: 39378

Model	Cable Size Range in. O.D.	Cable Size Range mm O.D.	Part #
MK04	0.79 in. to 2.36 in.	20 mm to 60 mm	39376

# WS 64 SERIES - ADJUSTABLE CABLE STRIPPER



- > "Universal" tool for end stripping or mid span stripping of outer jackets or insulating material
- > End stripping and mid span stripping with different blades (interchangeable)
- > "Dual position" jaw for cable sizes from 1/2 in. up to 2-1/2 in. (12.7 to 63.5 mm) cable O.D. is versatile for electric utility applications
- > Removes outer jacket on primary power cable (all major insulation shields)
- > When using mid span blade stripping version, caution must be used when end stripping concentric neutral cables
- > Versatile design also includes ability to strip secondary and primary cable insulations
- > Quickly and easily adjusts to cable size with spring loaded "trigger-action" jaw
- > Micro adjustable blade allows accurate setup for a variety of insulation thicknesses
- > Self feeding tool design allows easy and efficient operation with minimal effort
- > Compact design for tighter work space requirements
- > Rugged, all metal body design
- > U.S. Patent No.: D437,765
- > Made in the U.S.A.
- > Length: 8 in. (200 mm)
- > Weight: 1.9 lb (860 g)

Model #	Function	Installed Blade	Part #
WS 64-U-E	End Stripping Only Outer jackets up to 2.5 in. OD (63.5 mm) Insulation to 1.5 in. OD. up to 35 Kv - 345 mils (8.8 mm) maximum thickness	CB 50K	37296
WS 64-U-M	Mid-Span Stripping Only Outer jackets up to 2.5 in. in OK. (63.5 mm) 175 mil (4.4 mm) maximum insulation/covering thickness (15Kv)	CB 236	37297
WS 64-U-EM	End & Mid-Span Stripping	CB 50K Installed CB 236 Included	37295
WS 64-U-M260	Mid-Span Stripping Only	CB 260	37174

# AJS - ADJUSTABLE JACKET SLITTER



- ▶ Professional-grade indexing slitter designed for both longitudinal, circumferential (ringing), cuts for either mid-span or end cable preparation
- ▶ Ideal for slitting cable coverings ranging from soft insulated jackets to high density polyethylene (HDPE) conduits
- ▶ Slits aluminum and copper (smooth and corrugated construction) coverings
- ▶ Longitudinal slitting of cable/duct ranging from 1/2 in. (12.7 mm) diameter to larger sizes
- ▶ Circumferential slitting of cable/duct ranging from 1 1/2 in. (38 mm) diameter to larger sizes
- ▶ Mid-span window access cut in HDPE conduit ranging from 1 1/2 in. (38 mm) diameter to larger sizes
- ▶ High grade tool steel blade designed to accommodate slitting irregular cable diameters and thicknesses while protecting underlying conductors
- ▶ Blade fully retracts inside tool body for safe storage and blade protection
- ▶ Adjustable blade knob with audible “click” sound indexes in 1/4 turn intervals - each index adjusts the depth .013 in (0.32 mm)
- ▶ Tool allows precision slitting of jackets/covering thicknesses of up to 1/4 in. (6.3 mm)
- ▶ Made of Chinese and American parts.
- ▶ Engineered in the U.S.A
- ▶ Dimensions: 8.7 x 2 x 1.5 in. (221 x 52 x 39 mm)
- ▶ Weight: 11 oz (318 g)
- ▶ Part #: 43240
- ▶ Replacement blade:  
CB276A Part #: 43265



## WS 50 SERIES - ADJUSTABLE URD END STRIPPER

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- For 1/0 AWG to 1000 kcmil URD cable
  - .500 to 2.25 in. (12.70 to 57.15 mm) cable O.D.
  - Two handles permit safe, easy operation on XLPE, plastic, polyethylene and EPR insulation of all thicknesses
  - Adjustable strip stop bar on WS 50A gives an exact stripped conductor length and can be rotated to allow unlimited stripping
  - Safe, clean cuts prevent conductor damage
  - CB 50 blade included with tool
  - Adjustable to fit wide range of cable O.D.'s
  - Made in the U.S.A.
  - Length: 14.5 in. (368 mm)
  - Weight: 2.1 lb (953 g)
  - WS 50 Part #: 30700
  - WS 50A Part #: 30713
  - Replacement blades:
    - CB 50A - Standard Reach blade Part #: 30712 produces a smaller cut
    - CB 50 - Long Reach blade Part #: 30703 produces a wider cut
- ALSO AVAILABLE: Retrofit Kit - Part #: 34730  
Adds precision adjustment feature to your WS 50



## WS 61- ADJUSTABLE URD JACKET STRIPPER

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- For stripping encapsulated jackets of #2 AWG to 1000 kcmil URD cables
- Cable O.D.'s up to 2.25 in (57.15 mm)
- Blade adjustment feature offers precise positioning
- Designed specifically for removal of tough polyethylene encapsulated jackets
- Can also be used as an adjustable end stripper
- Two handles permit safe, easy operation
- Prevents damage to underlying concentric conductors
- Made in the U.S.A.
- Length: 14.5 in. (368 mm)
- Weight: 2.1 lb (953 g)
- Part #: 34720
- Replacement blade: CB 155K Part #: 34733





## **WS 67- METALLIC SHEATH REMOVAL**

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- For stripping Glued LC and CLX shielding from cables
- Shielding is removed in a helical cutting action
- Used with cutters to snip off excess shielding during removal process (Caution: very sharp, use appropriate protection)
- Made in the U.S.A.
- WS 67 Part #: 28215-1
- Replacement Blades:  
CB 98 Part #: 28201

## **WS 49 SERIES - AIRPORT LIGHTING CABLE END STRIPPER/PENCILLER**

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- For 0.5 in (12.70 mm) taper cuts of #8, 5KV L-824 Type C airport lighting cable
- WS 49H available #4 and #6 airport lighting cable
- End strip 0.75 in. (19.05 mm); pencils 0.5 in. (12.70 mm)
- Long lasting, guarded cutting blades
- Bushings (.395 in., .420 in., .445 in., .490 in.) compensate for variation in cable diameter
- Made in the U.S.A.
- Replacement blades:  
CB 6667, end strip (Part #: 19207)  
CB 94, pencil (Part #: 27702)  
CB 94H, pencil #4 and #6 airport lighting cable (Part #: 27714)
- Length: 3.5 in. (89 mm) Diameter: 1.5 in. (38 mm)
- Weight: 10 oz (284 g)
- WS 49 Part #: 27700
- WS 49H Part #: 27712



# BANANA PEELER - ADJUSTABLE BLADE SEMI-CON SCORING TOOL



- Scoring depth from 1 to 90 mils (.025 to 2.286 mm)
- For “strippable” semi-con UD cable shield
- One hand scoring of circumference and length
- Spring-loaded blade assembly assures consistent scoring depth
- Teflon coated cable guide
- Semi-con is cleanly removed with no damage to underlying insulation
- Convertible to a fixed setting
- Made in the U.S.A.
- Length: 9.4 in. (239 mm)
- Weight: 13 oz (369 g)
- Replacement blade: Part #: 34230

## Removal of Semi-Con

Model	Semi-Con O.D. Range	Part #
BP A	.38 - .75 in. (9.652 - 19.05 mm)	35250
BP 1A	.75 - 1.10 in. (19.05 - 27.94 mm)	34244
BP 1AH	1.10 - 1.30in. (27.94 - 33.02 mm)	34190
BP 2A	1.25 - 1.75 in. (31.75 - 44.45 mm)	34245
BP 2AH	1.75 - 1.95 in. (44.45 - 49.53 mm)	34615
BP 2AK	1.95 - 2.00 in. (49.53 - 50.8 mm)	35330
BP 3A	2.00 - 2.63 in. (50.8 - 66.8 mm)	38445

Blade Depth Range is from 1 mil (.001”) to 90 mils (.090”)

**Other sizes available special order**

## Metric Banana Peelers - Removal of Semi-Con

Model	Semi-Con O.D. Range	Part #
BP-1A-M	19.05 - 27.95 mm	42220
BP 1AH-M	27.95 - 33.00 mm	42335
BP2A-M	31.75 - 44.45 mm	42336

Blade Depth Range is from .0254 mm to 2.30 mm

## Removal of Soft Rubber Jackets

Model	Semi-Con O.D. Range	Part #
BP AR	.38 - .75 in. (9.652 - 19.05 mm)	37760
BP 1AR	.75 - 1.10 in. (19.05 - 27.94 mm)	36401
BP 2AR	1.25 - 1.95 in. (31.75 - 49.53 mm)	36402

Blade Depth Range is from 50 mils (.050 in.) to 140 mils (.140 in.)

## SCS - SEMI-CON SCORING TOOL

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- Easy and precise blade adjustment from 0 to 0.16 in. (0-4 mm) depth in 0.002 in. (.05 mm) increments for accurate semi-con scoring
- Accommodates cable ranges of 0.31 - 1.77 in (8- 45 mm)
- Can operate in a 2 in. (50 mm) envelope on larger cables
- Capability for longitudinal and spiral cuts
- Capability for calibrated square cut
- Compact design allows for easier use and storage
- Allows for easy blade change
- U.S. Patent No.: D721,563
- Made in the U.S.A.
- Length: 4.73 in (120.1 mm)
- Weight: 0.61 lb (0.27 kg)
- Inch scale Part No.: 43630
- Metric scale Part #: 43625
- Spare blade Part #: 43645



## SCS-C - CLAMP

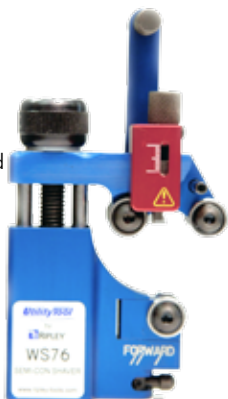
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- Easy to use aluminum light duty clamp designed to work with SCS, BP1A, BP2A scoring tools as a stop to ensure perfectly square cut.
- Handy markings with minimum remaining semi-con
- Convenient clamp for other applications
- Length: 4.5 in (114 mm)
- Weight: 0.17 lb (77 g)
- Part #: 43965

## WS 76 - SEMI-CON SHAVING TOOL

- > Shaves 15-35 KV cable with semi-con diameters from 18 mm to 60 mm (0.71 - 2.36 in.)
- > Accurate semi-con removal within 25 mm (.984 in.) of the jacket in forward position
- > Reverse feature accurately removes semi-con shield within 7 mm (.275 in.)
- > Precision ground blade provides a 20° chamfer cut finish at the semi-con end
- > Precision blade adjustment in 0.1 mm (.004 in.) increments
- > Thumb switch to allow easy transition from spiral shave to square cut finish without requiring an additional stop device
- > Easy blade replacement without the need for additional tools
- > U.S. Patent No. D708,035S
- > Made in China.
- > Length - 140.3 mm (5.52 in.)
- > Weight - 454 g (1 lb)
- > WS 76 (tool only) Part #: 43580
- > WS 76 with case Part #: 43560
- > Replacement blade Part #: 43577



# WS 9A/WS 9C - SEMI-CON SHIELD SHAVING TOOLS



- For 5 to 115 KV cables, .55 to 2.25 in. (13.97 to 57.15 mm) cable O.D.
- Shaves "bonded" semi-con shield and insulation material
- Radius or Taper cut of semi-con shield
- Shaves in a helical, spiral pattern
- Made in the U.S.A.
- Length: 10 in. (254 mm)
- Weight: 2 lb (908 g)
- WS 9A Part #: 20700
- WS 9C Part #: 28215



## Ordering Information

1. Choose the style of semi-con cut
2. Select the appropriate tool

Model	Cable O.D. Range in.	Cable O.D. Range mm	Style of Cut	Replacement Blade
WS 9A	.55 - 2.25	13.97 - 57.15	Radius	CB 40X
WS 9C	.55 - 2.25	13.97 - 57.15	.25 in. (6.4 mm) Taper	CB 98

# RFNP/RFNP-S - FLAT NOSE PLIERS



- ESD Safe and ergonomic slip free dual-compound thermoplastic grips for maximum comfort and durability
- Smooth wide jaws for fine assembly applications
- Drop-forged, hardened and tempered steel alloy, designed for maximum strength and performance
- Pliers are suitable for work on ESD work stations in accordance with IEC 61340-5-1 surface resistance  $10^6 - 10^9$  ohms/sq
- Made in Germany

Model	Part #	Weight	Length
RFNP-S Short Nose Pliers	46475	2.2 oz (61 g)	5.1 in (130 mm)
RFNP Long Nose Pliers	46474	3.1 oz (89 g)	5.7 in (145 mm)

## WS 5 SERIES - END STRIPPERS

### Features - All Models

- > For 600 volt to 35 KV cables
- > .260 to 1.265 in (6.60 to 32.13 mm) cable O.D.
- > Strips XLPE, polyethylene and EPR insulation\* up to 400 mils thick
- > Precise stripping of insulation only or insulation and semicon simultaneously
- > Ideal for primary URD cable
- > Guarded cutting blade prevents injury
- > Accepts SW-2 ratchet wrench for leverage
- > Bushing insert fits over cable
  - Bushing insert presets cutting blade depth
  - Bushings can be changed easily and quickly
- > Stop Bars can be purchased separately. Metric stop bars available.
- > Made in the U.S.A.\* See instruction sheet for detailed information
- > CB7-2 Replacement Blade Part No.: 10324

### WS 5

- > All WS 5 standard features above



### WS 5 DA

- > All WS 5 features with drill adapter stop bar



### WS 5B

- > All WS 5 features with extended strip length capacity. See chart.



### WS 5A

- > All WS 5 features with the following upgrades:
  - Adjustable strip stop mechanism
  - Eliminates need for hex wrench
  - New adjustment window allows for easy strip stop setting in both inch and metric

### WS 5A DA

- > All WS 5 and WS 5A features:
  - Supplied with 3/8" drill adapter
  - Drill adapter also available separately



Model	Part #	Strip Length Range	Drive Types (Manual, Wrench, Drill)	Tool Dimensions	
				Size	Weight
WS 5	10327	3/4" - 4"	M,W	6" (152 mm)	1 lb (454 g)
WS 5 DA	10336	3/4" - 4"	M,W,D	7" (178 mm)	1 lb (454 g)
WS 5B	37710	3/4" - 5-3/4"	M,W	10" (254 mm)	1.7 lb (770g)
WS 5A	37415	5/8" - 2-1/2"	M,W	8" (203 mm)	1 lb (454 g)
WS 5A DA	38750	5/8" - 2-1/2"	M,W,D	8" (203 mm)	1.2 lb (544 g)

# WS 5 SERIES - END STRIPPERS

## Ordering Guide for WS 5 Series Bushings

Made in the U.S.A.

These tables should only be used as a guide to locate a part number. Cable samples should be provided to Ripley to ensure proper sizing.

\*\*For best stripping results, size up PE and XLPE insulated cables over the insulation diameter. Size up EPR cables over the semi-con diameter.

O.D. Over Insulation/Semi-con** (inch)	O.D. Over Insulation/Semi-con** (mm)	Bushing #	O.D. Over Insulation/Semi-con** (inch)	O.D. Over Insulation/Semi-con** (mm)	Bushing #
.260 - .285	6.60 - 7.24	WS 5-300	.761 - .785	19.33 - 19.94	WS 5-800
.286 - .310	7.26 - 7.87	WS 5-325	.786 - .810	19.96 - 20.57	WS 5-825
.311 - .335	7.90 - 7.87	WS 5-350	.811 - .835	20.60 - 21.21	WS 5-850
.336 - .360	8.53 - 9.14	WS 5-375	.836 - .860	21.23 - 21.84	WS 5-875
.361 - .385	9.17 - 9.78	WS 5-400	.861 - .885	21.87 - 22.48	WS 5-900
.386 - .410	9.80 - 10.41	WS 5-425	.886 - .910	22.50 - 23.11	WS 5-925
.411 - .435	10.44 - 11.05	WS 5-450	.911 - .935	23.14 - 23.75	WS 5-950
.436 - .460	11.07 - 11.68	WS 5-475	.936 - .960	23.77 - 24.38	WS 5-975
.461 - .485	11.71 - 12.32	WS 5-500	.961 - .985	24.41 - 25.02	WS 5-1000
.486 - .510	12.34 - 12.95	WS 5-525	.986 - 1.010	25.04 - 25.65	WS 5-1025
.511 - .535	12.98 - 13.59	WS 5-550	1.011 - 1.035	25.67 - 26.29	WS 5-1050
.536 - .560	13.61 - 14.22	WS 5-575	1.036 - 1.060	26.31 - 26.92	WS 5-1075
.561 - .585	14.25 - 14.86	WS 5-600	1.061 - 1.085	26.95 - 27.56	WS 5-1100
.586 - .610	14.88 - 15.49	WS 5-625	1.086 - 1.110	27.58 - 28.19	WS 5-1125
.611 - .635	15.52 - 16.13	WS 5-650	1.111 - 1.135	28.22 - 28.83	WS 5-1150
.636 - .660	16.15 - 16.76	WS 5-675	1.136 - 1.160	28.85 - 29.46	WS 5-1175
.661 - .685	16.79 - 17.40	WS 5-700	1.161 - 1.185	29.49 - 30.10	WS 5-1200
.686 - .710	17.42 - 18.03	WS 5-725	1.186 - 1.210	30.12 - 30.73	WS 5-1225
.711 - .735	18.06 - 18.67	WS 5-750	1.211 - 1.235	30.76 - 31.37	WS 5-1250
.736 - .760	18.69 - 19.30	WS 5-775	1.236 - 1.260	31.39 - 32.00	WS 5-1275
			1.261 - 1.285	32.03 - 32.64	WS 5-1300



## WS 6 SERIES - END STRIPPERS

- > For 15 to 46 KV cables
- > .900 to 2.030 in. (22.86 to 51.56 mm) cable O.D.
- > Strips XLPE, polyethylene and EPR insulation\*
- > Precise Stripping with NO conductor damage
- > Guarded cutting blade prevents injury
- > Rotating stop bar permits accurate preset stripping lengths of up to 2-7/16 in. (61.9 mm). Bar removable for infinite stripping
- > WA 1 adapter permits use of SW 2 ratchet wrench
- > WA 3 adapter allows strip lengths up to 5-1/2 in. (139.7 mm) and the use of the SW 2 ratchet wrench
- > Stop bars with drill adapter can be purchased separately or standard with WS 6DA, inch and metric versions available
- > Bushing insert fits over cable  
Bushing insert presets cutting blade depth  
Bushings can be changed easily and quickly
- > U.S. Patent No.: 3,361,015  
Japan: 1,131,678  
Canada: 827,962
- > Made in the U.S.A.
- > Length: 6.5 in. (165 mm)
- > Weight: 1.5 lb (680 g)



WA 1  
wrench adapter  
(Part #: 12920)

WA 3  
wrench adapter  
(Part #: 12930)

\*See instruction sheet for detailed information

Conductor Size	Part #	Strip Length Range	Drive Types (Manual, Wrench, Drill)	Tool Dimensions
WS 6	12900	1/2" - 2-7/16"	M	1.4#, 6-1/2"
WS 6 with WA 1	12917	1/2" - 2-7/16"	M,W	1.9#, 6-1/2"
WS 6 with WA 3	12918	1/2" - 5-1/2"	M,W	2.0#, 10"
WS 6DA	12950	1/2" - 2-7/16"	M,D	1.5#, 7-1/2"
WS 6DA with WA 1	12951	1/2" - 2-7/16"	M,W,D	2.0#, 7-1/2"
WS 6DA with WA 3	12952	1/2" - 5-1/2"	M,W,D	2.1#, 11"



# WS 6 SERIES - END STRIPPERS

## Ordering Guide for WS 6 Series Bushings

Made in the U.S.A.

These tables should only be used as a guide to locate a part number. Cable samples should be provided to Ripley to ensure proper sizing.

\*\*For best stripping results, size up PE and XLPE insulated cables over the insulation diameter. Size up EPR cables over the semi-con diameter.

O.D. Over Insulation/Semi-con** (inch)	O.D. Over Insulation/Semi-con** (mm)	Bushing #	O.D. Over Insulation/Semi-con** (inch)	O.D. Over Insulation/Semi-con** (mm)	Bushing #
0.961 - 0.985	24.41 - 25.02	WS 6-1.000	1.511 - 1.535	38.38 - 38.99	WS 6-1.550
0.986 - 1.010	25.04 - 25.65	WS 6-1.025	1.536 - 1.560	39.01 - 39.62	WS 6-1.575
1.011 - 1.035	25.68 - 26.29	WS 6-1.050	1.561 - 1.585	39.65 - 40.26	WS 6-1.600
1.036 - 1.060	26.31 - 26.92	WS 6-1.075	1.586 - 1.610	40.28 - 40.89	WS 6-1.625
1.061 - 1.085	26.95 - 27.56	WS 6-1.100	1.611 - 1.635	40.92 - 41.53	WS 6-1.650
1.086 - 1.110	27.58 - 28.19	WS 6-1.125	1.636 - 1.660	41.55 - 42.16	WS 6-1.675
1.111 - 1.135	28.22 - 28.83	WS 6-1.150	1.661 - 1.685	42.19 - 42.80	WS 6-1.700
1.136 - 1.160	28.85 - 29.46	WS 6-1.175	1.686 - 1.710	42.82 - 43.43	WS 6-1.725
1.161 - 1.185	29.49 - 30.10	WS 6-1.200	1.711 - 1.735	43.46 - 44.07	WS 6-1.750
1.186 - 1.210	30.12 - 30.73	WS 6-1.225	1.736 - 1.760	44.09 - 44.70	WS 6-1.775
1.211 - 1.235	30.76 - 31.37	WS 6-1.250	1.761 - 1.785	44.73 - 45.35	WS 6-1.800
1.236 - 1.260	31.39 - 32.00	WS 6-1.275	1.786 - 1.810	45.36 - 45.97	WS 6-1.825
1.261 - 1.285	32.03 - 32.64	WS 6-1.300	1.811 - 1.835	46.00 - 46.61	WS 6-1.850
1.286 - 1.310	32.66 - 33.27	WS 6-1.325	1.836 - 1.860	46.63 - 47.24	WS 6-1.875
1.311 - 1.335	33.30 - 33.91	WS 6-1.350	1.861 - 1.885	47.27 - 47.88	WS 6-1.900
1.336 - 1.360	33.93 - 34.54	WS 6-1.375	1.886 - 1.910	47.90 - 48.51	WS6- 1.925
1.361 - 1.385	34.57 - 35.18	WS 6-1.400	1.911 - 1.935	48.54 - 49.15	WS6- 1.950
1.386 - 1.410	35.20 - 35.81	WS 6-1.425	1.936 - 1.960	49.17 - 49.78	WS6- 1.975
1.411 - 1.435	35.84 - 36.45	WS 6-1.450	1.961 - 1.985	49.81 - 50.42	WS6- 2.000
1.436 - 1.460	36.47 - 37.08	WS6-1.475	1.986 - 2.010	50.44 - 51.05	WS6- 2.025
1.461 - 1.485	37.11 - 37.72	WS 6- 1.500	2.011 - 2.035	51.08 - 51.69	WS6- 2.050
1.486 - 1.510	37.74 - 38.35	WS 6-1.525			

## IC SERIES - URD INSULATION CHAMFER TOOLS

- > For .650 to 1.875 in. (16.51 to 47.63 mm) cable O.D.
- > Chamfers 15 to 35 KV cable
- > Creates a 45° bevel, approximately .125 in. (3.17 mm) long
- > For XLPE insulations
- > Perfect for premolded splices, elbows and terminators
- > Complete operation takes 10 seconds or less
- > Adjusts easily to fit different cable insulations
- > Blades are recessed to prevent injury and blade damage
- > Made in the U.S.A.
- > Replacement blade: CB 163 (Part No.: 34766)



Model #	Cable O.D. Range (over insulation)		Tool Diameter		Weight		Part #
	(in)	(mm)	(in)	(mm)	(oz)	(g)	
IC 1	.650 - 1.260	16.51 - 32.00	3-1/2	88.9	10	284	34760
IC 2	1.250 - 1.875	31.75 - 47.63	4-3/16	106.4	12.5	355	34825

## SCC SERIES- ADJUSTABLE SEMI-CON CHAMFER TOOLS

- > For .760 to 2.00 in. (19.30 to 50.80 mm) cable O.D.
- > For chamfering semi-con
- > Adjusts easily to fit cable



SCC 1



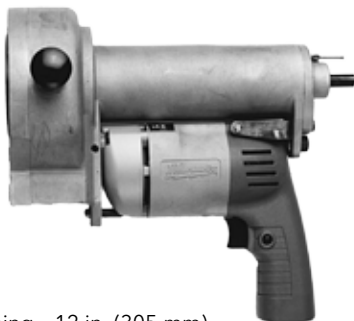
SCC 2

- > Chamfers semi-con from 25 to 80 mils (.635 to 2.032 mm) in thickness
- > Blades are recessed to prevent blade damage and injury
- > Made in the U.S.A.
- > Replacement blade: CB 140 (Part No.: 28230)

Model #	Cable O.D. Range (over insulation)		Tool Diameter		Weight		Part #
	(in)	(mm)	(in)	(mm)	(oz)	(g)	
SCC 1	.760 - 1.390	19.30 - 35.31	3	76.20	4	113	28224-1
SCC 2	1.400 - 2.000	35.56 - 50.80	3-1/2	88.90	5.5	156	28224-2

# WS 40 - MOTORIZED SEMI-CON URD SHIELD REMOVAL

- > For removal of "bonded" semi-con shield on 5 to 34.5 KV cables
- > .625 to 1.875 in. (15.88 to 47.63 mm) cable O.D.
- > For shaving semi-con shields off XLPE, polyethylene and EPR
- > Master shaving bushings and adapter sleeves are sold separately
- > Available in 115 VAC
- > Made in the U.S.A.
- > Length: with master bushing - 12 in. (305 mm)
- > Weight: WS 40 - 13 lb (5.90 Kg); Master shaving bushing - 1 lb (454 g); Adapter sleeve - 4 oz (113.5 g)
- > WS 40 115 VAC Part No.: 17900
- > Sold to US market ONLY

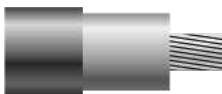


## Ordering Information

1. Select the master shaving bushing below
2. Select the adapter sleeves
3. Please send a cable sample to be evaluated by Ripley



Master Shaver Bushing	O.D. Over Semi Con		Replacement Blade
	(in)	(mm)	
MSBA	.600 - .885	15.24 - 22.48	CB 43 (Part #: 17918)
MSBB	.840 - 1.140	21.34 - 28.96	CB 43 (Part #: 17918)
MSBC	1.095 - 1.380	27.81 - 35.05	CB 43 (Part #: 17918)
MSBD	1.335 - 1.485	33.91 - 37.72	CB 43 (Part #: 17918)
MSBD-1	1.495 - 1.635	37.97 - 41.53	CB 43-1 (Part #: 17951)
MSBE	1.560 - 1.650	39.62 - 41.91	CB 43-1 (Part #: 17951)
MSBE-1	1.660 - 1.905	42.16 - 48.39	CB 43-2 (Part #: 17952)



## ADAPTER SLEEVES:

Select an adapter sleeve having the size nearest the OD of your cable semi-con. Then select a sleeve one size larger and a sleeve one size smaller. Usually three sleeves will handle cable variation.

# WS 40 - MOTORIZED SEMI-CON URD SHIELD REMOVAL

## Ordering Guide for WS 40 Adapter Sleeves

MSBA Adapter Sleeve (Part #: 17938)		MSBB Adapter Sleeve (Part #: 17939)		MSBC Adapter Sleeve (Part #: 17940)		MSBD Adapter Sleeve (Part #: 17941)		MSBE Adapter Sleeve (Part #: 17942)	
(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)
.610	15.49	.850	21.59	1.105	28.07	1.345	34.16	1.570	39.88
.625	15.88	.865	21.97	1.120	28.45	1.360	34.54	1.585	40.26
.640	16.26	.880	22.35	1.135	28.83	1.375	34.93	1.600	40.64
.655	16.64	.895	22.73	1.150	29.21	1.390	35.31	1.615	41.02
.670	17.02	.910	23.11	1.165	29.59	1.405	35.69	1.630	41.40
.685	17.40	.925	23.50	1.180	29.97	1.420	36.07	1.645	41.78
.700	17.78	.940	23.88	1.195	30.35	1.435	36.45	1.660	42.16
.715	18.16	.955	24.26	1.210	30.73	1.450	36.83	1.675	42.55
.730	18.54	.970	24.64	1.225	31.12	1.465	37.21	1.690	42.93
.745	18.92	.985	25.02	1.240	31.50	1.480	37.59	1.705	43.31
.760	19.30	1.000	25.40	1.255	31.88	1.495	37.97	1.720	43.69
.775	19.69	1.015	25.78	1.270	32.26	1.510	38.35	1.735	44.07
.790	20.07	1.030	26.16	1.285	32.64	1.525	38.74	1.750	44.45
.805	20.45	1.045	26.54	1.300	33.02	1.540	39.12	1.765	44.83
.820	20.83	1.060	26.92	1.315	33.40	1.555	39.50	1.780	45.21
.835	21.21	1.075	27.31	1.330	33.78	1.570	39.88	1.795	45.59
.850	21.59	1.090	27.69	1.345	34.16	1.585	40.26	1.810	45.97
.865	21.97	1.105	28.07	1.360	34.54	1.600	40.64	1.825	46.36
.880	22.35	1.120	28.45	1.375	34.93	1.615	41.02	1.840	46.74
.895	22.73	1.135	28.83	1.390	35.31	1.630	41.40	1.855	47.12
		1.150	29.21			1.645	41.78	1.870	47.50
								1.885	47.88
								1.900	48.26
								1.915	48.64

# WS 7 & 8 SERIES- UD PENCILLING TOOLS

## WS 7A/WS 8A



WS 7/WS 8

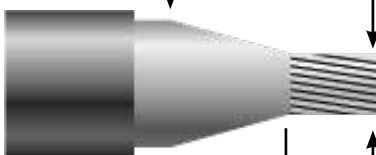
- > For 5 to 35 KV URD cables
- > #8 to 1000 kcmil (10 mm<sup>2</sup> to 500 mm<sup>2</sup>) Cable O.D.
- > One tool for each cable/conductor size
- > For XLPE, polyethylene and some EPR insulations
- > Fast, smooth tapers, no conductor damage
- > Safety assured with guarded cutting blade
- > Accepts SW 2 wrench for additional turning leverage
- > Made in the U.S.A.
- > Length: 5 in. (127 mm)
- > Weight: 1 lb (454 g)
- > WS 7A/8A Replacement Blade CB5B Part #: 10919
- > WS 7/8 Replacement Blade CB284 Part #: 10921

### Ordering Information

1. Send us a sample of your cable  
OR
2. Fill in Blanks in sketch and Fax them to us at 860-635-3631  
(Be sure to include your name, phone and fax)

Insulation Diameter

Conductor Size & Type



Nominal Taper Length

Model	Taper Length	Insulation Range	Cable Size	Blade Part #
WS 7A	1.5 in. (38mm)	0.725-1.210 in (18, 4-30,7 mm)	8-350 kcmil	10919
WS 8A	1.5 in. (38mm)	1.200 - 1.900 in. (30,5-48,3 mm)	350-1000 kcmil	10919
WS 7	2.5 in. (63.5mm)	0.725-1.210 in (18, 4-30,7 mm)	8-350 kcmil	10921
WS 8	2.5 in. (63.5mm)	1.200 - 1.900 in. (30,5-48,3 mm)	350-1000 kcmil	10921

**Tools are cable specific and requires cable specifications and/or samples to determine correct part number**

## PIT 1T - LOAD BREAK ELBOW PROBE INSERTION TOOL

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- > For 15 to 34.5 KV elbow - small interface
- > For quick and easy insertion of the probe inside the elbow
- > Prevents load break probe contamination
- > Prevents load break probe breakage
- > Reduces cross threading
- > Provides the proper tightening forces as recommended by the elbow manufacturers
- > Multiple drive system:
  - Delivers 125 in-lb torque
  - Adjustable (Full "T" Handle or Moment arm for tight locations) and removable "T" handle
  - 1 in. (25.4 mm) steel drive and adjustable wrench
  - 3/8 in. (10 mm) square drive socket
  - Standard 'Penta' Head
- > Load Break Probe quickly removed by simply reversing the tightening action
- > Available for all load break elbows
- > Made in the U.S.A.
- > Length: 9.375 in (238.13 mm)
- > Weight: 1 lb 4 oz (568 g)
- > U.S. Patent No.: 5,605,082
- > Part #: 35150



## PIT 2 - LOAD BREAK ELBOW PROBE INSERTION TOOL

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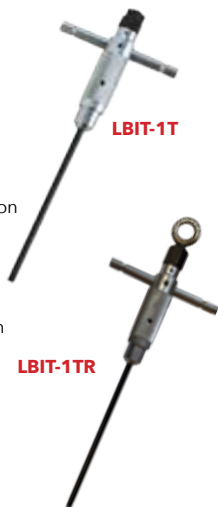


- > For 34.5 Kv Cooper Power Systems Load Break Elbow
- > 1 in. (25 mm) hex on end of tool
- > Prevents probe arc follower contamination
- > Prevents probe arc follower breakage
- > Provides a tight connection and reduces cross threading
- > Made in the U.S.A.
- > Length: 10 in. (254 mm)
- > Weight: 1 lb (454 g)
- > Part #: 27620

## **LBIT-1T- LOAD BREAK BUSHING INSERTION TOOL**

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- > For 200 amp Bushing Inserts with internal hexagon socket drive
- > **LBIT-IT (Part #: 35900)**  
preset torque setting of 180 in-lb
- > **LBIT-IT-125 (Part #: 35907)**  
preset torque setting of 125 in-lb optional
- > **LBIT-ITR (Part #: 36770)**  
available with hotstick ring
- > Secures Bushing Insert for positive installation and removal
- > Multiple Drive systems:
  - Adjustable "T" Handle
  - 1 in. (25.4 mm) square socket drive
  - 7/8 in. (22.2 mm) hexagon for wrench
  - Standard 'Penta' Head
- > Made in the U.S.A.
- > Length: 14-1/4 in. (36.2 cm)
- > Weight: 21 oz (596 g)



## **MBTT-150 - METER BASE TORQUING TOOL**

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- > Allows proper installation of Landis & Gyr "K" Base 3 Phase or similar meters without shorting, sparking or flashover
- > Tool is insulated and isolated from meter base with composite shaft which is rated to 1000V
- > Prevents over and under tightening with 150 in-lb preset torque setting accurate to  $\pm 15$  in-lb
- > 1/2 in. (12.7 mm) square socket drive accepts magnetic installation socket
- > Adjustable "T" handle
- > **WARNING:** Do not use this tool for removal of un-torqued terminals or serious shaft damage may occur.
- > 3/8 in. (9.5 mm) square socket torque test point
- > Made in the U.S.A.
- > Length: 13-3/4 in. (349.25 mm)
- > Weight: 19 oz (539.13 g)
- > Part #: 36390

## TRW5060/TSA - TORQUE WRENCH

---

- > For 600 amp separable Connector System with rubber molded components
- > Wrench is supplied with a Dual hex shaft 5/16 in., 3/8 in. (each component can be purchased separately)
- Provides quick easy installation of:
  - Rubber Connecting Plug
  - Rubber Loadbreak reducing tap plug
  - With the use of a 1 in. socket for Insulating Plugs
- > Prevents over-tightening, which could lead to premature failures
- > Prevents under-tightening, eliminating loose connections
- > Supplies the proper torque (50-60 ft-lb) as recommended by the manufacturer
- > Has a 1/2 in. Square Drive
- > Other torque settings available upon request
- > Made in the U.S.A.
- > Tool Length: 14 in. (355.6 mm)
- > Tool Weight: 2 lb 10 oz (1.2 Kg)
- > Probe Length: 11.5 in. (292.1 mm)
- > Probe Weight: 8.5 oz (236 g)
- > Part #'s:: TRW5060/TSA - Part #: 38375
  - TRW5060 (torque wrench only) - Part #: 38255
  - TSA (torque shaft assembly) - Part #: 38290
  - TSA Cooper (Torque Shaft Assembly for Cooper Power Systems Only) - Part #: 42850



## TSW -4550

### TORQUE SPANNER WRENCH

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- > For 600 amp Separable Connector Systems
- > Provides quick, easy installation of epoxy:
  - Connector Plugs
  - Reducing Tap Plugs
  - Reducing Tap Wells
- > Prevents over-tightening which could lead to premature failures
- > Prevents under-tightening leading to loose connections
- > Eliminates the need for an external torque wrench
- > Eliminates the need for wrench length calculations
- > Long spanner prong prevents wrench slippage
- > Supplies the proper torque (50 - 60 ft-lb) as recommended by the manufacturers
- > Length: 14-3/8 in. (36.5 cm)
- > Weight: 2 lb 3 oz (1 Kg)
- > Made in the U.S.A.
- Part #: 35925





# RATCHET CABLE CUTTERS

## Ratchet Cable Cutter

- > Designed to cut up to 1.75 in. (44.45 mm) diameter cable
- > Cuts copper, aluminum, solid and stranded conductors along with multiple conductors
- > Not for steel or ACSR cable
- > Quick-release thumb lever allows operator to halt cutting operation and remove tool if necessary
- > Compact design allows one-hand operation and cutting in confined spaces
- > Locking mechanism locks the handles in a closed position for easy storage
- > **Model RCC-INS (Part #: 34924)**
- > Made in Taiwan
- > Length: 9.37 in. (238 mm)
- > Weight: 2.65 lb (1.20 Kg)
- > **Model RCC (Part # 34925)**
- > Weight: 2.5 lb (1.13 Kg)
- > Made in Taiwan
- > RCC Replacement Blade Part #: 34923;



RCC-INS



RCC

## Ratchet ACSR Cable Cutter

- > Tool cuts aluminum and copper ACSR type cable up to 750 kcmil
- > Extra heavy duty C-type jaws give long service life
- > Ratchet mechanism with thumb slide release allows rapid cutting and closing
- > Good for working in confined spaces
- > Reinforced fiberglass handles are protected by vinyl sleeves
- > Not for use on live cables
- > Made in Taiwan
- > Length: 19 in (483 mm)
- > Weight: 4.25 lbs (1.93 kg)
- > Part #: 38000



RACSR

## Cable Cutter

- > Tool cuts up to 1000 kcmil copper and aluminum cable
- > Extra heavy duty C-type jaws give long service life
- > Ratchet mechanism with thumb slide release allows rapid cutting and closing
- > Good for working in confined spaces
- > Reinforced fiberglass handles are protected by vinyl sleeves
- > Not for use on live cables
- > Made in Taiwan
- > Length: 19.5 in (495 mm)
- > Weight: 4.5 lbs (2.04 kg)
- > Part #: 42305



RCC 1000

## UCC - UTILITY CUTTER

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- Specialty cutter for a range of wire sizes in electrical and telecommunications applications.  
Suitable for:
  - 4/0 aluminum conductor (107.2mm<sup>2</sup>)
  - 2/0 copper conductor (67.4mm<sup>2</sup>)
  - Up to 100 pair telephone
- High leverage cutting action
- Tool steel design with specially honed cutting blade
- Made in Taiwan
- Size of cut diameter 2.5-3 mm
- Length: 10 in. (25.4 mm)
- Weight: 1.11 lb (503 g), 1.21 lb incl. packaging
- Part #: 37680



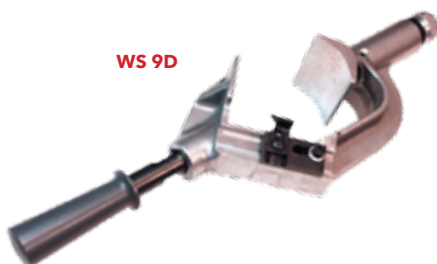
## QC-2 - QUICK CLAMP

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- Heavy duty aluminum easy to use cable clamp with quick set up used as a stop for jacket stripping operations
- Useful ratchet for handle relocation in desired position.
- Convenient clamp for other applications
- Length: 7.75 in (197 mm)
- Weight: 1.5 lb (680 g)
- Cable size range: 0.5 -2.5 in (12.7-63.5 mm)
- Part #: 43970

## WS 9D/WS 9E - TRANSMISSION SEMI-CON SHAVING TOOLS



**WS 9D**

- > For shaving bonded semi-con from transmission voltage cables
- > Radius or taper cut of semi-con shield
- > Shaves in a helical, spiral pattern
- > Made in the U.S.A.
- > Length: 16.2 in. (411 mm)
- > Weight: 2.74 lb (1244 g)
- > WS 9D Part #: 38035
- > WS 9E Part #: 28215-3

Model	Cabl O.D. Range		Style of Cut	Replacement Blade
	(in)	(mm)		
WS9D	1.90 to 3.625	48.3 to 92.1	Radius	CB 40X (Part #: 21715)
WS9E	1.90 to 3.625	48.3 to 92.1	Taper	CB 98 (Part #: 28201)

## WS 9S - SEMI-CON SHAVING TOOLS

- > For shaving bonded semi-con cables
- > Radius or taper cut of semi-con shield
- > Shaves in a helical, spiral pattern
- > Made in the U.S.A.
- > Length: 8 in. (200 mm)
- > Weight: 1.9 lb (860 g)
- > WS 9S Part #: 38430
- > WS 9S-T Part #: 38435



Model	Cabl O.D. Range		Style of Cut	Replacement Blade
	(in)	(mm)		
WS9S	0.50 to 2.50	12.7 to 63.5	Radius	CB 40X (Part #: 21715)
WS9S-T	0.50 to 2.50	12.7 to 63.5	Taper	CB 98 (Part #: 28201)

## WS 57- ADJUSTABLE END STRIPPER/ JACKET STRIPPER

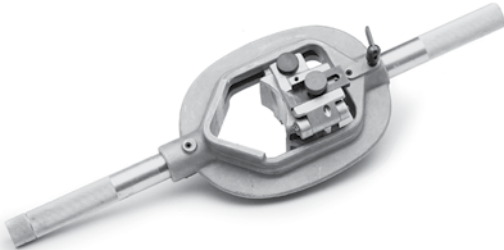
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- > For 45 to 115 KV cables
- > 2.0 to 4.25 in. (50.80 to 108.00 mm) cable O.D.
- > Quick-slide adjustment for cable sizing
- > Easy setting of blade cutting depth
- > For XLPE, polyethylene and EPR insulations
- > Blade angle adjusts easily to control width of end strip cut
- > Made in the U.S.A.
- > Replacement blade: CB 144 (Part #: 34327)
- > Length: 24 in. (610 mm)
- > Weight: 7 lb (3.18 Kg)
- > Part #: 34320

## WS 57A - ADJUSTABLE END, JACKET & SEMI-CON STRIPPER

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- > Same features as WS 57 plus
- > Adjustable semi-con shaving blade system
- > Made in the U.S.A.
- > Replacement blades:
  - CB 40X shaving blade (Part #: 21715)
  - CB 144 end stripping blade (Part #: 34327)
- > Length: 24 in. (610 mm)
- > Weight: 7 lb (3.18 Kg)
- > Part #: 34735

## **WS 70 - ADJUSTABLE CABLE STRIPPER**



- End strips outer jacket or insulating material on 46 to 69KV cable
- 1.9 in. (48 mm) to 3.65 in. (93 mm) OD cable range
- Fine adjustment feature for blade
- Tool is self-feeding during stripping operation
- Dual handle design gives greater leverage
- Made in the U.S.A.
- Length: 17.5 in. (444 mm)
- Weight: 3.3 lbs (1.5 kg)
- Tool Part #: 42040
- Replacement Blade CB265 (Part #: 42042)

# WS 16/ WS 17

## PENCILLING TOOLS

- For transmission and distribution cables
  - WS 16 for 35 to 69 KV cables, 1/0 to 1000 kcmil
  - WS 17 for 35 to 46 KV cables, 1/0 to 750 kcmil
- Complete pencilling operation takes less than five minutes
- Can expose conductor strand shielding if required
- One tool for each cable/conductor size
- Fast, smooth tapers
- Safety assured with guarded cutting blade
- Made in the U.S.A.
- Insulation on cable end must be stripped prior to pencilling. For insulation removal use WS 50, WS 57, WS 57A or WS 70. Select a WS 9 series shaver, WS 40, or WS 57A to remove semi-con shield prior to pencilling



WS 17

### Ordering Information

- Cable sample and termination specification sheet required
- Longer tapers are available on request
- All handles are plastic



WS 16



Model	Repl. Blade	Taper Length		Tool Length		Approx Weight	
		(in)	(mm)	(in)	(mm)	(in)	(mm)
WS 16 Part # 20432	CB 5B Part # 10918	2	50.80	8	203.20	6	2.70
WS 16 Part # 20433	CB 5B-4 Part # 13402	2-4	50.80 to 101.60	8	203.20	6	2.70
WS 17 Part # 13400	CB 5B-4 Part # 13402	4	101.60	8	203.20	3	1.35

# ACCESSORIES



## URD Bag

- > Part #: 36312
- > Made in the U.S.A

## SW2 Ratchet Wrench

- > Use with WS 5 & WS 6
- > Part #: 10500
- > Made in China

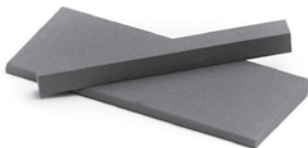


## AR 9 Allen Wrench Set

- > Part #: 11000
- > Made in the U.S.A.

## HS 1 Honing Stone Set

- > Part #: 15460
- > Made in the U.S.A.



## Super Stripper Tool Case

- > 13" x 10" x 4.5"  
(330 x 254 x 114 mm)
- > Part #: 34687
- > Made in the U.S.A.

## TC 104 Blue Metal Tool Chest

- > 29.5" x 11.5" x 14"  
(749 x 292 x 356 mm)
- > Part #: 21777
- > Made in the U.S.A.



# STANDARD NEC AND AEIC CABLE DIMENSIONS

## Concentric Stranding

Conductor Sizes Copper/Aluminum Size Avg or kcmil	175 mils - 15KV Diameter		220 mils - 15 KV Diameter		260 mils - 25 KV Diameter		345 mils - 35 KV Diameter	
	Over Insulation (+30 mils)	Over Shielding (+50 mils)	Over Insulation (+30 mils)	Over Shielding (+50 mils)	Over Insulation (+30 mils)	Over Shielding (+50 mils)	Over Insulation (+30 mils)	Over Shielding (+50 mils)
(solid) 2	670	770	760	860	-	-	-	-
2	700	800	790	890	-	-	-	-
(solid) 1	700	800	790	890	870	970	-	-
1	740	840	830	930	910	1010	-	-
(solid) 1/0	735	835	825	925	905	1005	1075	1195
1/0	785	835	875	975	955	1055	1125	1245
2/0	830	930	920	1020	1000	1100	1170	1290
3/0	880	980	970	1070	1050	1150	1220	1340
4/0	940	1040	1030	1130	1110	1230	1280	1400
250	995	1095	1085	1205	1175	1295	1350	1470
350	1100	1220	1190	1310	1280	1400	1455	1575
500	1235	1355	1325	1445	1415	1535	1590	1750
600	1325	1445	1415	1535	1505	1625	1680	1840
700	1395	1515	1485	1605	1575	1735	1750	1910
750	1430	1550	1520	1640	1610	1770	1785	1945
800	1460	1580	1550	1710	1640	1800	1815	1975
900	1525	1645	1615	1775	1705	1865	1880	2040
1000	1580	1740	1670	1830	1760	1920	1935	2095



# STANDARD NEC AND AEIC CABLE DIMENSIONS

## 600 Volt Secondary Cables

Conductor Size AWG or kcmil	THHN/ THWN Insulation (mils)	THHN/ THWN NEC-OD	(inch) Compact AL THHN/ THWN NEC-OD (mils)	XHHX Insulation (mils)	XHHW NEC-OD (in.)	Compact AL XHHW NEC-OD (in.)	RHW-USE RHH, THW Insulation (mils)	RHW-USE RHH, THW NEC-OD (in.)	Compact AL RHH, THW NEC-OD (in.)
	6	35	.257	.240	45	.282	.260	60	.323
4	46	.328	.305	45	.328	.305	60	.372	.335
2	46	.388	.360	45	.388	.360	60	.433	.390
1	57	.450	.415	55	.450	.425	80	.508	.465
1/0	57	.491	.450	55	.491	.450	80	.549	.500
2/0	57	.537	.495	55	.537	.490	80	.595	.545
3/0	57	.588	.540	55	.588	.540	80	.647	.590
4/0	57	.646	.595	55	.646	.590	80	.705	.645
250	68	.716	.670	65	.716	.660	95	.788	.725
300	68	.771	.720	65	.771	.715	95	.843	.775
350	68	.822	.770	65	.822	.760	95	.895	.820
400	68	.869	.815	65	.869	.800	95	.942	.865
500	68	.955	.885	65	.955	.880	95	1.040	.965

# STANDARD NEC AND AEIC CABLE DIMENSIONS

## Compact Stranding

Conductor Sizes Copper/Aluminum Size Avg or kcmil	Nominal O.D. (in)	175 mils - 15KV Diameter		220 mils - 15 KV Diameter		260 mils - 25 KV Diameter		345 mils - 35 KV Diameter	
		Over Insulation (+30 mils)	Over Shielding (+50 mils)	Over Insulation (+30 mils)	Over Shielding (+50 mils)	Over Insulation (+30 mils)	Over Shielding (+50 mils)	Over Insulation (+30 mils)	Over Shielding (+50 mils)
		Over Insulation (+30 mils)	Over Shielding (+50 mils)	Over Insulation (+30 mils)	Over Shielding (+50 mils)	Over Insulation (+30 mils)	Over Shielding (+50 mils)	Over Insulation (+30 mils)	Over Shielding (+50 mils)
2	0.268	680	780	770	870	-	-	-	-
1	0.299	710	810	800	900	880	980	-	-
1/0	0.336	745	845	835	935	915	1015	1085	1205
2/0	0.376	785	885	875	975	955	1055	1125	1245
3/0	0.423	835	935	925	1025	1005	1105	1175	1295
4/0	0.475	885	985	975	1075	1055	1175	1225	1345
250	0.520	940	1040	1030	1130	1120	1240	1295	1415
350	0.616	1035	1155	1125	1245	1215	1335	1390	1510
500	0.736	1155	1275	1245	1365	1335	1455	1510	1630
600	0.813	1245	1365	1335	1455	1425	1545	1600	1760
700	0.877	1305	1425	1395	1515	1485	1605	1660	1820
750	0.908	1340	1460	1430	1550	1520	1640	1695	1855
800	0.938	1370	1490	1460	1580	1550	1710	1725	1885
900	0.999	1430	1550	1520	1640	1610	1770	1785	1945
1000	1.060	1490	1610	1580	1740	1670	1830	1845	2005

# STANDARD NEC AND AEIC CABLE DIMENSIONS

## Compressed Stranding

Conductor Sizes Copper/Aluminum Size Avg or kcmil	175 mils - 15KV		220 mils - 15 KV		260 mils - 25 KV		345 mils - 35 KV	
	Diameter		Diameter		Diameter		Diameter	
	Over Insulation (+30 mils)	Over Shielding (+50 mils)	Over Insulation (+30 mils)	Over Shielding (+50 mils)	Over Insulation (+30 mils)	Over Shielding (+50 mils)	Over Insulation (+30 mils)	Over Shielding (+50 mils)
2	695	795	785	885	-	-	-	-
1	730	830	820	920	900	1000	-	-
1/0	770	870	860	960	940	1040	1110	1230
2/0	815	915	905	1005	985	1085	1155	1275
3/0	865	965	955	1055	1035	1155	1205	1325
4/0	920	1020	1010	1110	1090	1210	1260	1380
250	980	1080	1070	1190	1160	1280	1335	1455
350	1080	1200	1170	1290	1260	1380	1435	1555
500	1210	1330	1300	1420	1390	1510	1565	1725
600	1295	1415	1385	1505	1475	1595	1650	1810
700	1365	1485	1455	1575	1545	1705	1720	1880
750	1400	1520	1490	1610	1580	1740	1755	1915
800	1430	1550	1520	1640	1610	1770	1785	1945
900	1490	1610	1580	1740	1670	1830	1845	2005
1000	1545	1705	1635	1795	1725	1885	1900	2060

## MINING KIT

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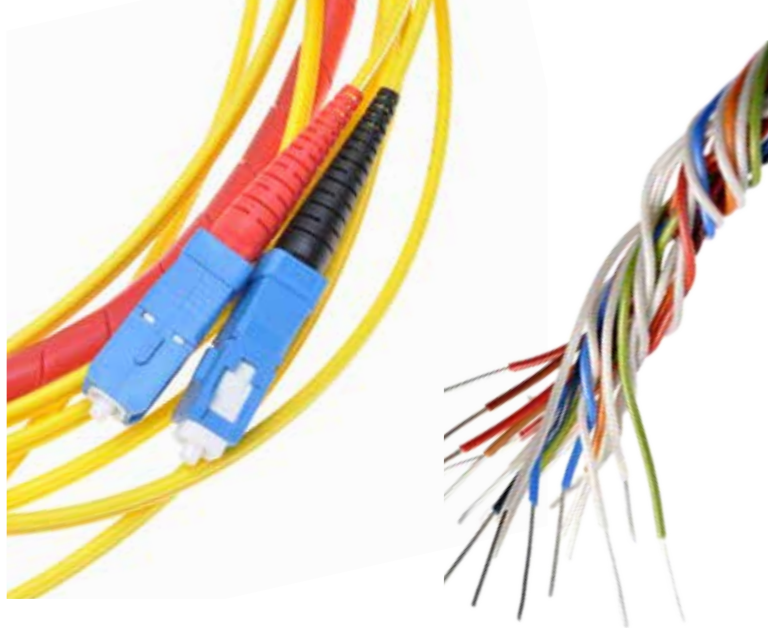
- Safe Solution for jacket and insulation removal of mining cables
- Carry 3 tools for working with low voltage mining cable in one compact case
- Kit includes:
  - MJS Mining Jacket Slitting Tool** - slits the outer jackets longitudinally and circumferentially for removal
  - 86 1/2 SF Shears** - cut residual jacket material, braid wire, and cable fillers
  - RCS 114 Round Cable Slitter** - scores conductor insulation for accurate removal without damaging strands.
- Part #: 43910



**RIPLEY<sup>®</sup>**

***UtilityTool*<sup>™</sup>**







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Ripley is headquartered in Cromwell, CT with offices in the UK and China. Ripley sells its products targeting the end user contractor through a worldwide network of distributors, focusing on quality and providing global solutions.



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