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Cablematic® CABLE PREPARATION TOOLS

CATV
WIRELESS
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ELECTRONICS
TELECOM
ELECTRICAL
FIBER OPTIC

UtilityTool

POWER
TRANSMISSION
DISTRIBUTION

2013 Catalog

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Cablematic®
CABLE PREPARATION TOOLS

WIRE & CABLE PREPARATION TOOLS

- CATV
- TELECOMMUNICATIONS
- HOME INTEGRATION

Our Brands Provide Global Solutions

Ripley is the leading global manufacturer of wire and cable preparation tools, serving lineman, technicians and installers for over 30 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®, Utility ToolTM and Cablematic®.

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.

Durability, dependability and accuracy in application are the hallmark of the Miller brand. Miller offers a wide variety of specialty 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 qualiity standards.,

Our Utility Tool brand of 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, uniform preparation of cable ends for splicing and termination.

Table of Contents

TRUNK AND DISTRIBUTION TOOLS

QCST QUICK CHANGE Coring/Stripping Tool 5-6
JST Jacket Stripping Tools 7
AJST Armored Jacket Stripping Tools 8
CST Coring & Stripping Tools 9-10
QRT Tool Kits for CommScope® Quantum Reach® (QR) Cable 11
JCST-QR Jacket Coring Stripping Tool 12
MWSS, MWS Messengered Web Slitter/Shaver, Messengered Web Slitter 13
CST-MC CommScope® (Trilogy) Coring & Stripping Tools 14
CC SERIES, CC-100, CC-200, CC-200 EUR Center Conductor Cleaners/Scrapers 15
CXC, CXC-1, CC, CCS Cable Cutters/Strippers 16
RLN Long Nose Pliers 17
SLT Stripping Tools for European Coaxial Cable 18-21
DBT-U De-burr Tool 22
FDT 58-75, FT 58-75 Flaring and De-burr Tool 22

DROP TOOLS

TXFF, TXFF-Q Flexible Feeder Stripping Tools 23
SDT-TXFF-250 Flexible Feeder Single Drop Trimmer 23
CST 320/7C QRF Coring & Stripping Tool for "F" Type Connectorization 24
LDT Lightweight Drop Trimmer 25
DDT Dual Drop Trimmer 26-27
UDT Universal Drop Trimmer 28-29
SDT Single Drop Trimmer 30-31
DCS Drop Cable Slitter 32
CR Hex Crimp Tool 33
CR-Ratchet Full Cycle Crimp Tools 34
CT2-AS, CT2-AS-EX Compression Assembly Tool 35
C.A.T., CAT-UNIVERSAL, CAT-UNIVERSAL FX Compression Assembly Tool 36
C.A.T.-AS "All Series" Compression Assembly Tool 37
C.A.T.-MULTIMEDIA Multimedia Compression Assembly Tool 38
C.A.T.-AIO Compression Assembly Tool 39-46
TW Torque Wrenches 47
TW-AH-B, TW-AH-S, TW-AH-516, TW-AH, TW-AH/IT Torque Wrenches 48
TW-RA Torque Wrench – Right Angle 49
S-200, S-200WS Security Shield Tool 50
ITT 10-12 Inside Torque Tool 10-12 inch-lbs 50
IT-F59, 6, 11 "F" Connector Insertion and Flaring Tool Combo 51
TT 716, TST 716 Trap Tool/Trap Security Tool Combo 52
T-7916 Tap Tool 52
CW-1, CW-71638 Multi-Socket Can Wrench/Can Wrench 53
TT8 Tap Tool - Extra Long 54
CA Cable Assist 54
RJC, RJ Crimping Tool 55
BTC, BT/RJ Crimping Tool 55
SMART-STRIP Data Cable Stripper 55
LDT-UTP, DDT-UTP UTP Jacket Trimmer 56
RPT-AAA Premise Toner Drop Cable Continuity Tester 56
LTT-4 Locking Terminator Tools 56
LTT-7 SERIES Locking Terminator Tools 57

NS6270-1, NS6270-3 Corning Gilbert Terminator Tool 58
THT-532 5/32" Telephone Hex Tool 58
RT-F716N, RT-BNC, CT 375 Removal Tool 59
RTF-716-2.5, RTF-716-3.8 Torque Tool 60

WIRELESS TOOLS

MSES-50 Mid-Span/End Stripper 61
FT-12-50, FT-78-50, FT-114-50, FT-158-50 Flaring Tools 62
DBT-U De-burr Tool 62
CT300/400, CT240/200/100 Hex Crimp Tool 63
CST195/200, 240, 300, 400, 500, 600 LMR® Stripping Tools 63
ST500, ST900 LMR® Stripping Tool 64
SDT Single Drop Trimmer 64
HSK Antenna Hole Saw Kits 65

NOTES

QCST

QUICK CHANGE Coring / Stripping Tool

- **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. STEP 1 - Remove the jacket with the removable QJST. STEP 2 - Remove flooding compound from cable and use the QCST coring and stripping tool body to complete the preparation

- 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 840-1160 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
- Use of CC-100 or CC-200 Center Conductor Cleaner / Scraper removes residual dielectric which remains on the conductor after coring and stripping
- 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)

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# 29104	Part# 34942	Black
500	QCST 500 T (Part# 36891)	QCST 500T-R (Part# 36901)	CB 115K	Part# 29105	Part# 34942	Red
625	QCST 625 T (Part# 36892)	QCST 625T-R (Part# 36902)	CB 116K	Part# 29106	Part# 34942	Blue
750	QCST 750 T (Part# 36893)	QCST 750T-R (Part# 36903)	CB 117K	Part# 29111	Part# 34943	Green
875	QCST 875 T (Part# 36897)	QCST 875T-R (Part# 36907)	CB 118K	Part# 29112	Part# 34927	Yellow
1000	QCST 21000 T (Part# 36898)	QCST 21000T-R (Part# 36908)	CB 119K	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# 29108	Part# 34942	Red
700	QCST 700 (Part# 36895)	QCST 700-R (Part# 36905)	CB 137K	Part# 33847	Part# 34943	Blue
840	QCST 840 (Part# 36896)	QCST 840-R (Part# 36906)	CB 138K	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)

JST

Jacket Stripping Tools

- 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
- Replacement blade for all JST tools is CB 6667H (Part No. 19212)
- Made in the U.S.A.
- Length: 2.63 in. (67 mm)
- Weight: 6.0 oz. (170 g)

JST 500

JST 625

JST 750

JST 875

CommScope® P3 Cable
TIMES FIBER T4 Plus, T6, T10

Cable	Model	Color	Part No.
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 No.
565	JST 565	Red	32400
700	JST 700	Black	33865
840	JST 840	Green	33870
1160	JST 1160	Neutral	33875

CommScope®

Cable	Model	Part No.
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 No.
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 No.
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 No.
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 No.
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 No.
500	JST 10-60040	35137
625	JST 10-72540	35135
750	JST 11-85040	35136

AJST

Armored Jacket Stripping Tool

- AJST is designed to remove the outer jacket and armor layer on CommScope® P3 JCASS and QR JCASS underground construction trunk and distribution cable
- Factory preset blade with no adjustment required
- Unique design has a common handle and interchangeable stripping heads for a range of cable sizes
- 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)
- Replacement Blade: CB 213 (Part No.: 36467)
- Made in the U.S.A.
- Length: 6.25 in. (159 mm)
- Weight: 11 oz (312 g)

CommScope® P3 Cable

Cable	Model	Color	Part No.
412	AJST 412/P3	Black	36221
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 No.
540	AJST 540QR	Copper	36233
715	AJST 715QR	Copper	36235
860	AJST 860QR	Copper	36237

CST

Coring & Stripping Tools

- Combination tool cores and strips 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
- Use of CC-100 or CC-200 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)

Ordering Guide for CST Tools

CommScope® P1, P3 Cable Guard Cable; TIMES FIBER T4, T6, T10 Cable; Alcatel Cable Benelux – ACE Cable

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 21000-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

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 No.	Strip Length		Part No.
(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	33957
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	1-11/16	42.86	32984
1	25.40	32980	1-3/4	44.45	33967
1-1/16	26.99	32979	2	50.80	33962
1-1/8	28.58	33973			
1-3/16	30.16	32986			

QRT

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–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 or CC-200 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)

QRT ORDERING GUIDE

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

JCST-QR

Jacket Coring Stripping Tool

- 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–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
- Rugged, durable all-metal construction
- **Not recommended for use on flooded cable** **(see QRT model)**
- Jacket Blade: CB 6667H (Part No.: 19212)
- Sheath Cutting Blade: CB 60 (Part No.: 14907)
- Made in the U.S.A.
- Length: 7.50 in. (190.5 mm)
- Weight: 1 lbs 8 oz (675 g)

JCST-QR ORDERING GUIDE

Cable	Model No. Standard Handle	Model No. Ratchet Handle	Coring Bit Kit
320 / 7 mm	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# 34664)
860	JCST 860QR (Part# 36530)	JCST 860QR-R (Part# 36533)	CB127K (Part# 33376)

Custom JCST Models

- JCST with all the features described above are available for non-QR cable applications

Cable	Model No. Standard Handle	Part No.	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)

Tools for Trilogy Cable with Corning Cabelcon Jacket Seizure Connectors

Cable	Model No.	Part No.	Coring Bit Kit
440	JCST 34TI	35100	CB 131K (Part# 33747)
500	JCST 05TI	35103	CB 132K (Part# 33752)
650	JCST 66TI	35106	CB 133K (Part# 33757)
750	JCST 97TI	35109	CB 134K (Part# 33762)
1000	JCST 98TI	35112	CB 237K (Part# 37195)

MWSS

Messengered Web Slitter/ Shaver

- MWSS is a *dual function* tool designed to:
  - First 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 as required
- 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)

MWS

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 No.: 36343)

Cable Application Reference Chart

Tool Model	Shaver Blade	CommScope® QR	CommScope® P3	Times Fiber T10	Times Fiber TX	Trilogy MC²
MWSS 400 (Part# 37045)	CB229 (Part# 37048)	QR 320	P3 412 JCAM	T10 412 MS		440 F8UA
MWSS 500 (Part# 37033)	CB227 (Part# 37036)	QR 500 QR 540	P3 500 JCAM P3 565 JCAM	T10 500 MS	TX 565 MS	500 F8UA
MWSS 700 (Part# 37023)	CB226 (Part# 37027)	QR 715	P3 625 JCAM P3 700 JCAM P3 750 JCAM	T10 625 MS T10 750 MS	TX 700 MS	650 F8UA
MWSS 800 (Part# 37039)	CB228 (Part# 37042)	QR 860	P3 840 JCAM P3 875 JCAM	T10 875 MS	TX 840 MS	750 F8UA
MWS 400 (Part# 37049)	NA	QR 320	P3 412 JCAM	T10 412 MS		440 F8
MWS 500 (Part# 37037)	NA	QR 500 QR 540	P3 500 JCAM	T10 500 MS	TX 565 MS	500 F8UA
MWS 700 (Part# 37030)	NA	QR 715	P3 625 JCAM P3 750 JCAM	T10 625 MS T10 750 MS	TX 700 MS	650 F8UA 750 F8UA
MWS 800 (Part# 37043)	NA	QR 860	P3 875 JCAM	T10 875 MS	TX 840 MS	

Note: Use of MWSS Model is required to remove the residual web material on all messengered QR cables before connectorization.

CST-MC

CommScope® (Trilogy) Coring & Stripping Tools

- Specifically designed for CommScope® (Trilogy) MC² cables
- 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 a smooth, beveled edge and can be replaced without the expense of replacing the entire coring bit
- Use of CC-100 or CC-200 Center Conductor Cleaner/Scraper removes residual 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)

Double helix coring & stripping bit

.500 - .750 (13 mm - 19 mm) Cable
Sheath Cutting Blade: CB 60 (Part No.: 14907)

CST-MC CommScope® Coring & Stripping Tools

Cable	Model No. Standard Tool	Model No. Ratchet Tool	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)

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 (Part No.: 16710)
- **CC-200** is supplied with clear Plexiglas® straight edged scraping blades (Part No.: 16730)
- **CC-200 EUR** is supplied with inverted clear Plexiglas® straight edged scraping blades. Removes dielectric close to aluminum sheath (Part No.: 42000)
- "High visibility" red (CC-100) and yellow (CC-200) tool bodies
- Replacement cleaning blades fit either tool
  Part No.: 16722, multiple "V" notched blade kit
  Part No.: 16725, clear Plexiglas® scraping blade kit
  Part No.: 42003, clear Plexiglas® EUR scraping blade kit
- Made in the U.S.A.
- Length: 4.25 in. (108 mm)
- Weight: 2.26 oz (64 g)

CXC, CXC-1

Cable Cutters

- CXC effective for cutting up to .75 in. (19 mm) aluminum trunk and distribution coaxial cable (Part No.: 35325)
- CXC-1 cuts up to 1.00 in. (25.4 mm) aluminum trunk and distribution coaxial cable (Part No.: 35975)
- **Not designed to cut steel conductors**
- Cuts with no cable distortion
- Lightweight, easy to use, compact
- Length: 8.00 in. (203 mm)
- CXC Weight: 15 oz (413 g)
- CXC-1 Weight: 15 oz (421 g)

CC, CCS

Cable Cutters / Strippers

- Designed to cut and strip solid & stranded copper and aluminum conductor
- **CCS-22 designed to cut steel conductors**
- Designed to minimize flattening of the cable end and center conductor
- CCS-22 ideal for cutting 59, 6, 7 and 11 series coax cables (copper cladded steel center conductors) as well as N48, 5C and 9 Coax cables (copper center conductors) up to .400 in. (10.16 mm) O.D. cables

- Preformed rounded jaws automatically position the cable for optimum cutting
- Precise, high quality carbon steel construction
- Durable, dipped non-slip handles

Application	Model	MAX OD (in.)	AWG	Tool Length	Tool Weight
Cutting	CC22 (p/n 39430) CC38 (p/n 39431)	.350 (107 mm) .430 (131 mm)	1 2/0	6-3/8 in. (16.2 cm) 8-1/4 in. (21.0 cm)	6 oz (170 g) 10.4 oz (296 g)
Stripping	CC22 (Part# 39430) CC38 (Part# 39431)	.230 (70 mm) .290 (88 mm)	4 2	6-3/8 in. (16.2 cm) 8-1/4 in. (21.0 cm)	6 oz (170 g) 10.4 oz (296 g)

Application	Model	Maximum Cable O.D.	Tool Length	Tool Weight
Cutting Steel*	CCS-22 (p/n 39930)	up to .400 in. (10.16 mm)	6-3/8 in. (16.2 cm)	6 oz (170 g)

*CCS = Copper cladded steel

RLN

Long Nose Pliers

- Designed for general-purpose electrical, communications and construction applications
- Drop-forged, hardened and tempered steel alloy, designed to stand up to rugged use
- Soft ribbed molded grips for maximum comfort and durability
- Unique torsion spring for one handed operation (spring can be easily removed if preferred)
- Tool halves are perfectly matched and hot riveted providing smooth handle operation
- Ideal for cutting and working with small soft-core wire gauges in small confined areas
- Length: 8.5 in. (216 mm)
- Weight: 8oz (227 g)
- Part No.: 35489

SLT

- 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 **(SLT 10.5 and SLT 11 do not incorporate chamfering strip stop)**
- Rugged all metal construction
- Replacement blades —
  First cut: CB 35 (PN 11013) 1 each;
  (PN 11002) 10 per package
  Second cut: CB 6667H (PN 19212)
- Part No.: 11001 for ringing knife assembly
- Made in the U.S.A.
- Length: 8.625 in. (219 mm)
- Weight: 1 lb 13 oz (817 g)

SLT 20

SLT 14

Ordering Guide for SLT Tools

Tool	Cable Manufacturer	Cable Type	Inner cond (ic)	Dia. over dielectric (dod)	Dia. over jacket (doj)	Color	Part No.
SLT 10.5	CommScope® TKF, AEG Draka Bedea	Coax 6 CL (1.7/7.0/10.5) Coax 6 Bamboo (1.6/7.2/10.5) Coax 6 CT15A, CT16S, CT17S iKx (1.7/7.1/10.5)	1.7 mm 1.7 mm 1.7 mm 1.7 mm	7.0 mm 7.0 mm 7.0 mm 7.1 mm	10.5 mm 10.5 mm 10.5 mm 10.5 mm	Yellow Yellow Yellow Yellow	38405
SLT 11	Belden/CDT Bedea a.o.	Coax 6 FB11 (1.6/7.55/11.3) 1 iKx (1.1/7.3/11.0)	1.6 mm 1.7 mm	7.6 mm 7.3 mm	11.3 mm 11.0 mm	Purple Purple	38610
SLT 12.5	CommScope® CommScope® Draka Draka Draka Draka AEG Bedea a.o. Bedea CommScope®	1 nKx bamboo (2.2/8.8/12.5) A-2YOK2Y 1x(2,2/8.8)KxLg Coax 4 CT 22S (2.2/8.8/12.3) Coax 4 CT 22A (2.2/8.8/12.3) Coax 4 CT 22A (2.2/9.3/12.5) Coax 4 CT 22E (2.2/9.3/12.5) AEG 2.2/8.8/12.5 1 nKx bamboo (2.2/8.8/12.5) A-2YOK2Y 1x(2,2/8.8)KxLg HF-75TS	2.2 mm 2.2 mm 2.2 mm 2.2 mm 2.2 mm 2.2 mm 2.2 mm 2.2 mm 2.2 mm 2.0 mm	8.8 mm 8.8 mm 8.8 mm 8.8 mm 8.8 mm 8.8 mm 8.8 mm 8.8 mm 8.8 mm 9.1 mm	12.3 mm 12.3 mm 12.3 mm 12.3 mm 12.5 mm 12.5 mm 12.5 mm 12.5 mm 12.5 mm 12.5 mm	Red Red Red Red Red Red Red Red Red Red	37280
SLT 14	Belden/CDT Belden/CDT Beta Cavi Draka	Coax 4 FB14 (2.2/10.2/13.8) Coax 4 F14 (2.2/10.2/13.8) Coax 4 (2.2/10.2/13.6) Coax 4 CT22A (2.2/10.2/13.6)	2.2 mm 2.2 mm 2.3 mm 2.2 mm	10.2 mm 10.2 mm 10.2 mm 10.2 mm	13.8 mm 13.8 mm 13.6 mm 13.6 mm	Silver Silver Silver Silver	37275

Ordering Guide for SLT Tools

Tool	Cable Manufacturer	Cable Type	Inner cond (ic)	Dia. over dielectric (dod)	Dia. over jacket (doj)	Color	Part No.
SLT 16.5	NK Cables	Tellu 5	2.5 mm	13.1 mm	16.5 mm	Green	43215
SLT 17	CommScope® CommScope® Draka Draka Draka/Bedea a.o. Bedea	1qKx (Bamboo 3.3/13.5/17.0) A-2YOK2Y 1x(3.3/13.5) KxLg Coax 3 CT 33A (3.3/13.5/17.1) Coax 3 CT 33S (3.3/13.3/17.1) 1(q)Kx (Bamboo 3.3/13.5/17.0) A-2YOK2Y 1x(3.3/13.5) KxLg	3.3 mm 3.3 mm 3.3 mm 3.3 mm 3.3 mm 3.3 mm	13.5 mm 13.5 mm 13.5 mm 13.5 mm 13.5 mm 13.5 mm	17.0 mm 17.1 mm 17.1 mm 17.1 mm 17.0 mm 17.0 mm	Blue Blue Blue Blue Blue Blue	38365
SLT 17.7	CommScope® TKF, AEG Bedea	Coax 3 CL 3.3/13.5/17.7 Coax 3 Bamboo Tellas 3.3/13.5 /17.5	3.3 mm 3.3 mm 3.3 mm	13.5 mm 13.5 mm 13.5 mm	17.7 mm 17.5 mm 17.5 mm	Orange Orange Orange	38400
SLT 18	Belden/CDT	Coax 3 F18 (3.4/14.9/18.0)	3.4 mm	14.9 mm	18.0 mm	Green	37278
SLT 18 bamboo	TKF Bedea	Coax 3 bamboo (3.3/13.5/18.0)	3.3 mm	13.5 mm	18.0 mm	Red	42140
SLT 18 bamboo-H	TKF Bedea	Coax 3 bamboo (3.3/13.5/18.0)	3.3 mm	13.5 mm	18.0 mm	Red	42260
SLT 20	Belden/CDT Belden/CDT Beta Cavi Draka Draka Cavel	Coax 3 FB20 (3.4/14.9/19.8) Coax 3 F20 (3.4/14.9/19.8) Coax 3 34/145 (3.4/14.5/19.8) Coax 3 CT 33A (3.45/14.9/19.3) Coax 3 CT 33E (3.45/14.9/19.3) Coax 3 34/145	3.4 mm 3.4 mm 3.4 mm 3.5 mm 3.5 mm 3.4 mm	14.9 mm 14.9 mm 14.9 mm 14.5 mm 14.9 mm 14.5 mm	19.8 mm 19.8 mm 19.8 mm 19.3 mm 19.3 mm 19.8 mm	Black Black Black Black Black Black	37270

Ordering Guide for SLT Tools

Tool	Cable Manufacturer	Cable Type	Inner cond (ic)	Dia. over dielectric (dod)	Dia. over jacket (doj)	Color	Part No.
SLT 21	Belden/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 12-75	Eupen 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 14,5	Eupen CommScope®	7118 (corrugated copper cable) CA 514	2.7 mm 2.7 mm	10.9 mm 10.9 mm	14.3 mm 14.5 mm	Bronze Bronze	42550
SLT 38-75	Eupen CommScope®	7088 (corrugated copper cable) 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	Eupen CommScope®	7168 (corrugated copper cable) CA519	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 No.
Chamfering strip stop Chamfering strip stop Chamfering strip stop CB35 CB35 (10 pack) CB6667H	Chamfering strip stop Chamfering strip stop Chamfering strip stop Replacment Blade First Cut Replacment Blade First Cut Replacement Blade Second Cut	Not applicable for SLT 10.5 & SLT 11 For SLT 10.5 & SLT 11 or all other SLT tools CB35 CB35 (package of 10) CB6667 H	#42015 #42410 #42015 #11013 #11002 #19212

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 inches to .230 inches (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)
- Part No.: 42600

FDT 58-75

Flaring and De-burr Tool

- 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: 5.6 oz (159 g)
- Part No.: 42250

FT 58-75

Flaring Tool

- Flares the outer conductor on Eupen 7168, A7168 and CommScope® CA519 75 ohm corrugated copper 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 No.: 42285

TXFF, TXFF-Q

Flexible Feeder Stripping Tools

- For Times Fiber Communications (TFC) “Flexible Feeder” (TX10-15 Low Loss Drop Feeder) 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 (1st cut) will prepare cable to proper center conductor length. The second cut (2nd 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 No.: 14403)
  2nd cut: CB 60 (Part No.: 14907)
- Length: 5-3/8 in. (137 mm)
- Weight: 1 lb. 12 oz. (795 g)

Model	Color	Cable	Connector	Part No.
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

Note: Please call our Customer Service Department for connector manufacturers not listed above. U.S: 860-635-2200
U.K: +44-1384-400070

SDT-TXFF-250

Flexible Feeder Single Drop Trimmer

- Single Drop Trimmer for Times Fiber Communications (TFC) “Flexible Feeder” (TX10-15 Low Loss Drop Feeder) Cable and F50 CommScope® cable
- ONE STEP cable preparation for smooth, precise cuts removing both the jacket and the dielectric
- 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
- Ergonomic, lightweight design
- Made in the U.S.A.
- U.S. Patent Nos.: 6,128,976 and 6,253,641
- Replacement blade cartridge: RC-TXFF 250 (Part No.: 36880)
- Length: 4.6 in. (119 mm)
- Weight: 1.9 oz (54 g)
- Part No.: 37460

CST 320/7C QRF

Coring & Stripping Tool for "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.
- U.S. Patent No.: D515,901S
- Replacement Coring Bit: CB 216 (Part No.: 36762)
- Replacement Sheath Cutting Blade: CB 60 (Part No.: 14907)
- Replacement Jacket Cutting Blade: CB 60 (Part No.: 14907)
- Replacement Conductor Cleaner Kit: CC-320QRF (Part No.: 36766)
- Length: 5 in. (127 mm)
- Weight: 8 oz (227 g)
- Part No.: 36760

LDT

Lightweight Drop Trimmer

- **Lightweight and Compact Body Design** that allows cable preparation of 59,6 and N48 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. (6.35mm)
- 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
- **LDT can be supplied with other blade cassettes – see table for models available**
- Superior quality tool steel blade cassettes will perform 3500+ preparations under normal usage
- Blade cassettes 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 Series Plenum Cable see the LDT 6-PL**
- Length: 4 in. (102 mm)
- Weight: 0.8 oz (23 g)

Model	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-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	Tan
LDT 6-PL (Part# 42313)	6 Plenum	RC 6PL-250 (Part# 42315)	Blue
LDT-UTP (Part# 42688)	CAT5, CAT 5E, & CAT6	RC-UTP (Part# 42687)	Yellow

Models with * are to be used with cables with * below only.

LDT MINI model will prepare the following cables:

MINI Cable Manufacturer	Cable Identification
Belden	*HC2650R, YR 46940, 1283, 1283S, *1279R, 1855, 1855A, *2648, 7534
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 our Customer Service Department for additional information.
U.S.: 860-635-2200 U.K.: +44-1384-400070

DDT

Dual Drop Trimmer

- **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)
- 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
- **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
- 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
- RBB Replacement Braid Brushes - Package of 5 each Part No.: 42679
- **Note: For 6 and 11 Series Plenum Cable see the DDT 6/11PL**
- US Patent No.: 5,713,132
- Length: 3.63 in. (92.08 mm)
- Weight: 2.0 oz (57g)

DDT Ordering Guide

Model	Drop Cable Series	Part No.
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-6/11-PL	6 and 11 Plenum Cable	42312
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

Models with * are to be used with cables with * below only.

DDT MINI model will prepare the following cables:

MINI Cable Manufacturer	Cable Identification
Belden Beta Cavi	*HC2650R, YR 46940, *1279R, 1283, 1283S, 1855, 1855A, *2648, 7534 N35
CommScope® Honeywell Times Fiber	7538, 7538B, 7539/7539H, 73501S 5019, 5029, 5099 T75M67T-VBV, T75MQ65/40-VBV

Note: Please call Customer Service for cable manufacturers not listed. U.S.: 860-635-2200
U.K.: +44-1384-400070

Replacement Blade Cassettes	Drop Cable Series	Color	Part No.
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	Tan	42314
RC 6PL-250	6 Plenum	Blue	42315
RC 11PL-250	11 Plenum	Green	42316
RC-UTP	CAT 5, CAT 5E, & CAT 6	Yellow	42687
RC-UTP-10G	CAT-10G	Yellow	42768

Blade cassettes with * are to be used with cables with * above only.

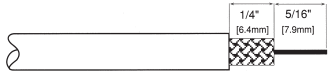
UDT

Universal Drop Trimmer

- 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)

UNIVERSAL DROP TRIMMER ORDERING GUIDE

For .250 (1/4") [6.4mm] Cable Preparation



Model	Drop Cable Series					Blade Cassettes Assembled in Tool		Two Extra Blade Cassettes in Storage Compartment	
UDT711-250 (Part# 35238)	7	11	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)

.250 (1/4") [6.4mm] Cable Preparation		
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 11Quad Series cable construction*

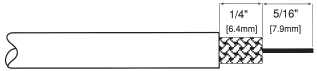
SDT

Single Drop Trimmer

- **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 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)

SINGLE DROP TRIMMER GUIDE

For .250 (1/4") 6.4 mm Cable Preparation



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

*SDT model supplied with 11 (Black) cassette for use on 11 standard and Tri Shield cable and 11Q (gray) cassette for use on 11 Quad Shield cable.

DCS

Drop Cable Slitter

- 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.
- Replacement Blades —
  Slitting: CB 209 (Part No.: 36343)
  Shaving: CB 210 (Part No.: 36344)
- Length: 2.75 in. (70 mm)
- Weight: 5 oz (140 g)
- U.S. Patent No.: 6,131,289
- Part No.: 36340

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			
	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)
CR 211CX (Part# 33315)	.475	12.07	.096	2.43	-	-
CR 41Q (Part# 33275)	.453 / .315	11.15 / 8.00	-	-	-	-
CR 42Q (Part# 33285)	.320/.250	8.13/6.35	-	-	-	-
CR 470/410 (Part# 35460)	.470 / .410	11.94 / 10.41	-	-	-	-
CR 596B (Part# 33320)	.324 / .262	8.23 / 6.65	-	-	-	-
CR 596Q (Part# 33330)	.384 / .324	9.75 / 8.23	-	-	-	-
CR 596QL (Part# 33335)	.360 / .324	9.14 / 8.23	-	-	-	-
CR 596-11 (Part# 33343)	.410 / .324	10.41 / 8.23	-	-	-	-
CR 611Q (Part# 33805)	.475 / .324	12.07 / 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	-	-

COMMUNICATION CABLES

Model	Hex Size		Contact Hex					
			1		2		3	
	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)
CR 255U (Part# 33975)	.255 / .213	6.48 / 5.41	.100	2.54	.068	1.73	.050	1.27

CR-Ratchet

Full Cycle Crimp Tools

- For ensuring a full cycle, full connector termination; ratchet-type mechanism prevents early release
- Same quality features as the standard CR Series crimp tool
- Escapement lever mechanism is easily accessible
- Made in the U.S.A.
- Length: 9.00 in. (229 mm)
- Weight: 1 lb 10 oz. (737 g)

Model	Hex Sizes (inch)	Hex Sizes (mm)	Part No.
CR 596Q-R	.384 / .324	9.75 / 8.23	27915
CR 596QL-R	.360 / .324	9.14 / 8.23	34605
CR 211CX-R	.475 / .096	12.07 / 2.4	35835
CR 611U-R	.475 / .360 / .096	12.07 / 9.14 / 2.43	35830
CR 611Q2-R	.475 / .324 / .100	12.07 / 8.23 / 2.54	35990

CT2-AS

Compression Assembly Tool

- The CT2-AS assembles 59,6,7 and 11 “F” compression type connectors
- Assembles most RCA and IEC connectors
- Spring loaded handle with push button handle lock to keep tool compact and pouch friendly
- New ergonomic design with premium quality construction
- Easy to use around and in wall boxes where space and cable length may be limited
- Spring loaded split jaws position cable and connector for easy insertion and removal
- Tool requires no special adjustment or adapters and can be kept in calibration with a supplied guage block
- CT2-AS has a blue color coded body for universal type connectors; CT2-AS-EX has a red colored body for PPC-EX and PCT-TRS compression connectors
- US Patent Nos.: 5,934,137; 5,647,119; 6,820,326
- Length: 8-1/4 in. (210 mm)
- Weight: 14.4 oz (408 g)
- Part No. CT2-AS: 42080; Part No. CT2-AS-EX: 42090

Model	6/59 Series	7 Series	11 Series
CT2-AS (Part # 42080)	Arris Digicon DS,DT,DSU, DS-RCA, DS-RCA Mini Belden SNAP-N-SEAL® Corning Cabelcon CX3, CX3-IEC-F, CX3-IEC-M Corning Gilbert F-UE, F-UE-M, RCA-UE, RCA-UE-M Corning Gilbert ULTRARANGE™ Corning Gilbert ULTRASHIELD™ F-Conn FS, FSU, FS-RCA Holland SLC PCT-DRS, PCT-DRS-IECF, PCT-DRS-IECM PPC-CMP, PPC-EX-XL, PPC-CMP-RCA, PPC-CMP-IEC 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™ 320QR PCT-DRS, PCT-DRS-320QR PPC-EX, PPC-EX-320QR TFC QCII
CT2-AS-EX (Part # 42090)	PCT-TRS PPC-EX, PPC-CMP-MC	PCT-TRS	Belden SNAP-N-SEAL® Corning Gilbert ULTRARANGE™ Corning Gilbert ULTRASEAL™ 320QR Corning Gilbert ULTRASEAL™ PCT-DRS, PCT-DRS-320QR PPC-EX, PPC-EX-320QR

Compression Assembly Tools

- 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. COMPRESSION ASSEMBLY TOOLS

C.A.T. Model	6/59 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™	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)	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, RCA-UE, RCA-UE-M Corning Gilbert ULTRARANGE™ Corning Gilbert ULTRASHIELD™	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	

C.A.T.-AS "All Series"

Compression Assembly Tool

- 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)

For 6/59, 7 and 11 cables

C.A.T.-AS COMPRESSION ASSEMBLY TOOLS

CAT-AS Model	6/59 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 F-UE, F-UE-M Corning Gilbert ULTRARANGE™ Corning Gilbert ULTRASHIELD™ 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 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	Corning Gilbert ULTRARANGE™ Corning Gilbert ULTRASEAL™ 320 QR	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™ F-Conn-FS Holland SLC PCT-DRS PPC-CMP, PPC-EX XL TFC QCII	Arris-Digicon DS & DT™	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, 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 PCT-DRS, PCT-DRS-320QR PPC-EX, PPC-EX320QR	

C.A.T.-MULTIMEDIA

Multimedia Compression Assembly Tool

- 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)

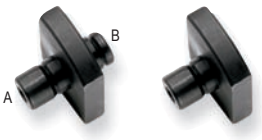
Model	Tool Color	Connector Manufacturer	Connectors 59/6	Part Number
C.A.T.-MULTIMEDIA	Red	Corning Gilbert, Digicon & F-Conn	Digicon- DS, DT, DSU, DS-RCA, DS-RCA MINI, DS-BNC F-Conn- FS,FSU,FS-RCA,FSC-BNC F-UE,F-UE-M,RCA-UE, RCA-UE-M, BNC-UE, BNC-UE-M, ULTRARANGE F	38855

C.A.T.-AIO KIT

All-in-One Compression Assembly Tool Kit

- 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)
- Tool is supplied with two unique interchangeable plunger tips **(IPT)** 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. U.S.: 860-635-2200 U.K.: 011-44-138-440-0070
- The **C.A.T.-AIO KIT** comes standard with 2 interchangeable plunger tips (IPT 1A/1B and IPT 2A/2B), a DDT 596/11 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
- Interchangeable plunger tips, tool body and tool case are clearly identified with all the appropriate connector types
- 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)
- Part No.: 38480-007

2-sided IPT **1-sided IPT**



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 ORDERING GUIDE

Plunger To Model	6/59 Series	7 Series	11 Series	RCA	BNC	Part No.
IPT 1A	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™ 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 Cabelcon-CX3 Corning Gilbert-ULTRARAE™ Corning Gilbert-ULTRASEAL Corning Gilbert-ULTRASEAL 320QR PPC-EX, PPC-EX320QR SNAP-N-SEAL® Universal Series PCT-DRS-11			38450

IPT with a like number and a suffix A or B indicates that the plunger is 2 sided. The A or B suffix indicates the connectors assembled.

Plunger To Model	6/59 Series	7 Series	11 Series	RCA	BNC	Part No.
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 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

IPT with a like number and a suffix A or B indicates that the plunger is 2 sided. The A or B suffix indicates the connectors assembled.

C.A.T.-AIO ORDERING GUIDE

Plunger To Model	6/59 Series	7 Series	11 Series	RCA	BNC	Part No.
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 (continued next page)	Arris-Digicon-DS & DT™ Corning Cabelcon-CX3 Corning Cabelcon-CX3-IECF Corning Cabelcon-CX3-IECM Corning Gilbert F-UE, F-UE-M	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		38458

IPT with a like number and a suffix A or B indicates that the plunger is 2 sided. The A or B suffix indicates the connectors assembled.

Plunger To Model	6/59 Series	7 Series	11 Series	RCA	BNC	Part No.
IPT 9A (continued from previous page)	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)		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
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™ 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		38459

IPT with a like number and a suffix A or B indicates that the plunger is 2 sided. The A or B suffix indicates the connectors assembled.

C.A.T-AIO ORDERING GUIDE

Plunger To Model	6/59 Series	7 Series	11 Series	RCA	BNC	Part No.
IPT 10B	PPC-EX, PPC-CMP-MC PCT-TRS					38459
IPT 11A		Arris-Digicon-DS7P (pin type)				38460
IPT 11B			Arris-Digicon-DS & DT™ F-Conn-FS			38460
IPT 12					Corning Cablecon PCT-APBNC 59/6 PCT-BNC 59/6	38461
IPT 13A	Holland SLCM-1855 FP					38462
IPT 13B	Holland SLCM-1855 IEC					38462
IPT 14A	Stirling SPL					38463
IPT 14B		Belden Corning Gilbert-ULTRASEAL™ PPC-EX SNAP-N-SEAL® Universal Series	Belden Corning Cablecon-CX3 Corning Gilbert-ULTRARANGE™ Corning Gilbert-ULTRASEAL™ Corning Gilbert-ULTRASEAL 3200R PPC-EX, PPC3200R SNAP-N-SEAL® Universal Series			38463

IPT with a like number and a suffix A or B indicates that the plunger is 2 sided. The A or B suffix indicates the connectors assembled.

Plunger To Model	6/59 Series	7 Series	11 Series	RCA	BNC	Part No.
IPT 15A	Holland SLCM-1855 FP					38464
IPT 15B			Holland SLC 11			38464
IPT 16					Holland Liberty	42022
IPT 17A	Thomas & Betts SNAP-N-SEAL®					42023
IPT 17B				Belden SNAP-N-SEAL®		42023
IPT 18A	Holland SLC Liberty					42024
IPT 18B					Holland Liberty	42024
IPT 19A	PPC-EX XL					42025
IPT 19B	PPC-EX MINI					42025
IPT 20A	Corning Cablecon-CX3					42057
IPT 20B			Corning Cablecon-CX3			42057
IPT 21A	Holland MINI-F					42058
IPT 21B	Holland MINI-IEC					42058

IPT with a like number and a suffix A or B indicates that the plunger is 2 sided. The A or B suffix indicates the connectors assembled.

Plunger To Model	6/59 Series	7 Series	11 Series	RCA	BNC	Part No.
IPT 22A	Stirling SPL					42059
IPT 22B			Stirling SPL			42059
IPT 23A	Stirling SPL					42595
IPT 23B				Stirling RCA		42595
IPT 24A	Corning Cablecon-CX3					42596
IPT 24B	Corning Cablecon-CX3-SHORT					42596
IPT 25A	Corning Cablecon M45					42597
IPT 25B	PPC-EX, PCT-TRS					42597

IPT with a like number and a suffix A or B indicates that the plunger is 2 sided. The A or B suffix indicates the connectors assembled.

TW Torque Wrenches

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 (see models below)
- Wrenches work in tightening mode only
- Made in the U.S.A.
- Length: 6.50 in. (165 mm)
- Weight: 6.5 oz (182 g)

TW

- 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 Numbers			
in Inch Pounds	in Newton Meters	*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 (#35278)	TW 208 (#36275)	TW 209 (#36276)	-
25	2.82	TW 257 (#38838)	-	TW 259 (#42225)	-
30	3.39	TW 307 (#35260)	TW 308 (#35263)	TW 309 (#35280)	-
40	4.51	TW 407 (#35261)	TW 408 (#35264)	TW 409 (#35281)	TW 4010 (#35284)

* 7/16 in for universal "F" connectors

TW-AH-B

- Basic **Angled head** model
- Length: 6 in (152 mm) • Weight: 5 oz (142 g)

Torque in inch-pounds	Torque in Newton Meters	Wrench Size Model No.	Part No.
		All wrenches 7/16 in. (11.1 mm)	
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 connector
- Length: 5.75 in. (146 mm) • Weight: 4.9 oz (139 g)

Torque in inch-pounds	Torque in Newton Meters	Wrench Size Model No.	Part No.
		All wrenches 7/16 in. (11.1 mm)	
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** for easy access
- **5/16 in. socket** on the end of tool body for tightening of tap faceplates
- Length: 6 in. (152 mm) • Weight: 5 oz (142 g)

Torque in inch-pounds	Torque in Newton Meters	Wrench Size Model No.	Part No.
		All wrenches 7/16 in. (11.1 mm)	
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	4.51	TW 407-AH-516	37907

TW-AH

- **Angled head** for easy access
- **Tap port rethreader** on end of tool body
- Handy, removable belt loop
- Length: 7.125 in. (181 mm) • Weight: 5.6 oz (159 g)

Torque in inch-pounds	Torque in Newton Meters	Wrench Size Model No.	Part No.
		All wrenches 7/16 in. (11.1 mm)	
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

- **Angle head** design
- **Connector insertion tool** on body for fast and easy "F" connector insertions
- Handy removable belt loop
- Length: 7.125 in. (181 mm) • Weight: 5.6 oz (159 g)

Torque in inch-pounds	Torque in Newton Meters	Wrench Size Model No.	Part No.
		All wrenches 7/16 in. (11.1 mm)	
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

Torque Wrench – Right Angle

- 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
- **TW 227-RA-120 mm** Part No.: 43225
- 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 307-RA** Part No.: 43235
- 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

TW 227-RA-120 mm

S-200, S-200WS

Security Shield Tool

- 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 (Part No.: 42195) especially designed to be used with PPC AquaTight® EX® Series connectors**
- Length: 2.75 in. (70 mm)
- Weight: 2.0 oz (57 g)
- S-200 Part No.: 35440

ITT 10-12

Inside Torque Tool 10-12 inch-lbs

- 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: 0.7oz (19.84 g)
- Part No.: 43060

IT-F59, 6, 11

"F" Connector Insertion and Flaring Tool Combo

- 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 U.S.A.
- Length: 5.00 in (127 mm)
- Weight: 3.5 oz (99 g)

Model	Description	Part No.
IT-F59, 6, 11-FT6	"F" Insertion and 6 Series Flaring Tool Combo	38820
IT-F59, 6, 11-FT59	"F" Insertion and 59 Series Flaring Tool Combo	38821

IT-F59, 6, 11-FT6

TT 716

Trap Tool

- 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)
- Part No.: 36780

TST 716

Trap Security Tool Combo

- 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
- Length: 7.5 in. (190 mm)
- Weight: 2 oz (57 g)
- Part No.: 36785

T-7916

Tap Tool

- 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 No.: 37825

CW-1

Multi-Socket Can Wrench

- 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
- Length: 7.75 in. (197 mm)
- Weight: 10.4 oz (294 g)
- Part No.: 38521

All sockets are stored inside the tool body.

CW-71638

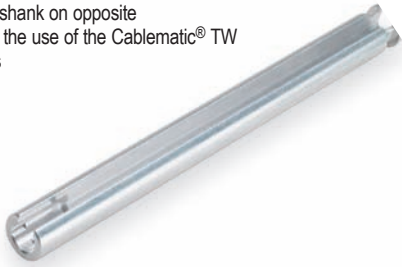
Can Wrench

- 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
- Length: 7.00 in. (177.8 mm)
- Weight: 4.9 oz (139 g)
- Part No.: 38795

TT8

Tap Tool - Extra Long

- Extra long tap tool, 8 in. (203 mm) in length with 7/16 in. (11.1 mm) hex size
- Clear anodized aluminum construction
- Design has a 7/16 in. shank on opposite end of tool that allows the use of the Cablematic® TW Torque Wrench series
- Made in the U.S.A.
- Length: 8 in. (203mm)
- Weight: 3.2 oz (91 g)
- Part No.: 38802



CA

Cable Assist

- 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 design 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
- Size: 3 in. (76 mm) diameter
- Weight: 1.4 oz (41 g)
- Part No.: 38842

RJC
RJ Crimping Tool

- Crimps RJ10, RJ11, RJ12, 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: 80575
- Length: 7-3/4 in. (197 mm)
- Weight: 12 oz (340 g)
- Part No.: 80756

BTC
BT/RJ Crimping Tool

- Crimps British Telecom 430A/431A, British Telecom 630A/630A, RJ 11/12 and RJ45 modular 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: 80575
- Length: 197 mm (7-3/4 in)
- Weight: 340 g (12 oz)
- Part No.: 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
- Weight: 1.4 oz (40 g)
- Dimensions: 3.8 x 0.75 x 1.5 in. (97 x 19 x 38 mm)
- Part No.: 39470

LDT-UTP, DDT-UTP

UTP Jacket Trimmer

- LDT-UTP is used for stripping the jacket on CAT5, CAT5E and CAT6 UTP/STP cables
- 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
- LDT-UTP Length: 4 in. (102mm)
- Weight: 0.8 oz (23g) • Part No.: 42688
- DDT-UTP Length: 3.63 in. (92 mm)
- Weight: 2.0 oz (57g) • Part No.: 42452

RPT-AAA

Premise Toner Drop Cable Continuity Tester

- 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
- Toner Section Replacement – Part No.: 42349
- **AAA 1.5V** battery included
- Length: 4.875 in. (124 mm)
- Weight: 4 oz (113.4 g)
- Part No.: 42345

LTT-4

Locking Terminator Tools

- Used on the following locking terminators:
  - Corning Gilbert — GTP
  - PCT International — TPG
  - PDI Incorporated — PTP-59, PTP-59LR, PTP-59-PB
  - PPC — LFT & PST
  - Signal Vision, Inc. — SV-LT & SV-LTA
  - Viewsonics — TR 75 GTL
- 1 in. (25.4 mm) handle diameter provides easy access between trap shields on tap spigots
- Tip design keeps out foreign debris, which could interfere with proper tool operation
- Length: 4.5 in. (114 mm) • Weight: 1.9 oz (54 g)
- Part No.: 36865

LTT-7 SERIES

Locking Terminator Tools

- Two terminating tools integrated into one versatile tool
- One tool that can now handle a majority of the popular terminators found in the field
- Combo tool takes up less space in the installers tool pouch
- 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
- Model LTT-7/NS6270 has the Corning Gilbert NS-5762-3, -9,-11, -13, -15 termination tool on the opposite end of the LTT tool
- 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)

Ordering Guide

	TERMINATOR						
MODEL	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

* Viewsonics 2-prong terminators
**LTT blade end for use with GTP, NS-5762-5, NS-5762-7, NS-3268-5 terminators and Lock Nut tool end for use with NS-5762-3, NS-5762-9, NS-5762-11, NS-5762-13 and NS-5762-15 terminators

LTT-7

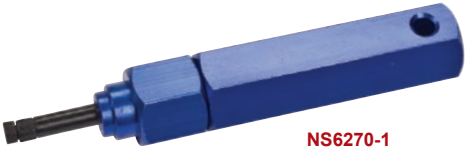
LTT-7/V23

LTT-7/T-P

NS6270-1, NS6270-3

Corning Gilbert Terminator Tool

- "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
- 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 No.: 42160
- NS6270-3 Part No.: 42170



NS6270-1

NS6270-3

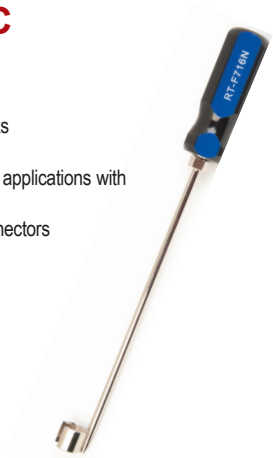
THT-532

5/32 in. Telephone Hex Tool

- 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
- Length: 10.00 in. (254 mm)
- Weight: 3.6 oz (101 g)
- Part No.: 38410

RT-F716N, RT-BNC

Removal Tool



- 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
- **RT-F716N** has 7/16 in. head for "F" Connectors
- Length: 11.75 in. (298 mm)
- Weight: 3.4 oz (88 g)
- Part No.: 38360

- **RT-BNC** has formed head specifically for BNC connectors
- Length: 11.75 in. (298 mm)
- Weight: 3.1 oz (88 g)
- Part No.: 38355

CT 375

Carpet Cutter & Drill Guide

- 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
  Part No.: 33480
- CT-375C is for concrete and other underflooring (smooth cutter) and accomodates up to 3/8 in. drill bit
  Part No.: 33485
  - Replacement Blades:
    Scalloped Part No.: 33483
    Smooth Part No.: 33482
    - Made in the U.S.A.
      - Length: 3.0 x 6.375 in. (76 x 162 mm)
        - Weight: 15 oz (426 g)

RTF-716-2.5
RTF-716-3.8

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 models with 2 different torque settings (20 inch pounds – 2.5Nm or 30 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.

TORQUE					
Type	Inch-Pounds	Newton Meters	Part No.	Length	Weight
RTF-716-1.1L (Long)	10	1.1	43079	12.2 in (309 mm)	3.7 oz (105g)
RTF-716- 1.1S (Short)	10	1.1	43078	8.3 in (210 mm)	3.3 oz (93g)
RTF-716-2.5L (Long)	20	2.5	43081	12.2 in (310 mm)	3.7 oz (105g)
RTF-716-2.5S (Short)	20	2.5	43080	8.3 in (210 mm)	3.3 oz (93g)
RTF-716-3.8L (Long)	30	3.8	43086	12.2 in (310 mm)	3.7 oz (105 g)
RTF-716-3.8S (Short)	30	3.8	43085	8.3 in (210 mm)	3.3 oz (93 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)

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 Number	Cable Size (inch)	Replacement Blades	Body Color	Part No.
MSES-158-50	1-5/8	CB 217	Black	36805
MSES-114-50	1-1/4	CB 217	Gold	36806
MSES-78-50	7/8	CB 222	Copper	36809
MSES-12-50	1/2	CB 223	Blue	36812

CommScope® Cable (Cell Reach™)

Model Number	Cable Size (inch)	Replacement Blades	Body Color	Part No.
MSES-CR-50-1873	1-5/8	CB 233	Gold	37100
MSES-CR-50-1070	7/8	CB 234	Gold	37104
MSES-CR-50-540	1/2	CB 235	Gold	37108

Times Microwave Cable (LMR®)

Model Number	Cable Size (inch)	Replacement Blades	Body Color	Part No.
MSES-GST-1700	1.7	CB 217	Copper	37132
MSES-GST-1200	1.2	CB 222	Copper	37128
MSES-GST-900	0.9	CB 223	Copper	37124
MSES-GST-600	0.6	CB 223	Copper	37097
MSES-GST-400A	0.4	CB 223	Copper	42605

FT-12-50, FT-78-50 FT-114-50, FT-158-50

Flaring Tools for 1/2 in., 7/8 in., 1-1/4 in. & 1-5/8 in. 50 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
- For 1/2 in. cable, use model FT-12-50 (Part No.: 36640)
  For 7/8 in. cable, use model FT-78-50 (Part No.: 36845)
  For 1-1/4 in. cable, use model FT-114-50 (Part No.: 37400)
  For 1-5/8 in. cable use FT-158-50 (Part No.: 37405)
- Made in the U.S.A.
- Length: 5.00 in. (127 mm)
- Weight: 3.50 oz (99 g)

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 Part No.: 42600

CT300/400, CT240/200/100

Hex Crimp Tool

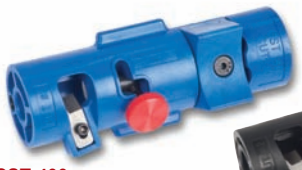
- Premium quality crimp tool for Times Microwave Systems LMR® cables and connectors
- Fixed hex jaws (not replaceable) are precision alloy steel, self bottoming and will not over-crimp
- Rugged steel frame for maximum strength and operating life
- Made in the U.S.A.
- Length: 9.0 in. (229 mm)
- Weight: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

Model	Cable	Connector	Crimp Hex Size	Part No.
CT300/400	LMR300, LMR400	LMR300 & 400 Crimp Style	.324/.429	42465
CT240/200/100	LMR240, LMR200 LMR100	LMR240, LMR200 LMR100 Crimp Style	.213/.128/.255	42650

CST 195/200, 240, 300, 400, 500 and 600 LMR

LMR® Stripping Tools

- **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
- Tool has a built-in debur tool which eliminates the need for a separate debur tool
- Replacement blades for CST 195/200, 240, 300, 400, 500 and 600 LMR Part No.: 43293 (5 ea. - 1st cut, 1 ea. 2nd cut)
- Length: 4 in., Weight: 3.5 oz
- CST 195/200 LMR Part No.: 43535
- CST 240 LMR Part No.: 43345
- CST 300 LMR Part No.: 43445
- CST 400 LMR Part No.: 42630
- CST 500 LMR Part No.: 43395
- CST 600 LMR Part No.: 43285



CST 400

CST 600

ST900

LMR® Stripping Tool

- **TWO STEP** tool with built-in strip stop for fast and precise cable preparation
- Rugged all metal construction
- **Used to prepare 900 Times Microwave Systems cables**
- The first cut will prepare cable to the 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 blade: RB456 (include first and second cut blade)
- Length: 2.75 in. (67 mm)
- Weight: 1 lb 1 oz (482 g)

Model	TMS Cable	Center Conductor Exposure	Braid Exposure	Connector	Part No.
ST500C	LMR500	.12 inch	.36 inch	Clamp & Solder Style	25715
ST900C	LMR900	----	.420 inch	Clamp & Solder Style	37820
RB456	Replacement Blades (1st and 2nd cut) for all tools				25714

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 Microware, 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)

Model	Part No.	Cable Type	RC Part No.
SDT 195/200-50	38650	195/200	38660
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

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	Hole Sizes (in.)	Hole Sizes (mm)	Part No.
HSK-1	3/4 and 1-5/16	19.05 mm and 33.3 mm	26000
HSK-19	3/4	19.05 mm	26016
HSK-33	1-5/16	33.3 mm	26022

Component	Description	Part No.
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) two-blade pack	26030
HSPD-1	3/16 in. (4.76 mm) pilot drill bit	26002

NOTES

MILLER®

WIRE & CABLE PREPARATION TOOLS

- ELECTRICAL
- ELECTRONICS
- FIBER OPTIC
- TELECOMMUNICATIONS

MILLER®

Table of Contents

FIBER OPTICS

Examples of Typical Glass Fiber-Optic Constructions 70
Comparative Fiber Optic Tool Selection Charts 71
FO 103-S Fiber Optic Stripper Line....72
FO 103-D-J, FO 103-D-250 "Dual-Hole" Fiber Optic Strippers....73
FO 103-T-250-J "Tri-Hole" Fiber Optic Stripper....73
NO-NIK® FIBER OPTIC STRIPPER 3-PIECE KIT 74
FIBER OPTIC 3-PIECE STRIPPING KITS....74
NO-NIK® Fiber Optic Strippers 75
CFS-2, CFS-2 900, OPTISTRIP Fiber Optic Stripper....76
FO-R12 Fiber Ribbon Access Tool 76
STR Steel Tape Remover....77
IET Insertion–Extraction Tool....77
ACS, ACS-2, ACS-K Armored Cable Slitter....78
BrightPath EMS 6.6/4.0 CommScope® Mid Span Entry Tool....78
FDS, FDS-2-3MM Fiber Drop Stripper & Buffer Tube Slitter....79
MSAT, MSAT 5 Mid-Span Access Tool....80
FTS Fiber Tube Scorer....81
400 Fiber Buffer Tube and Drop Cable Slitter....81
400 Series Kit Fiber Buffer Tube and Drop Cable Slitter....82-83
RBT Riser Break-Out Tool....83
FOKC Fiber Optic Kevlar® Cutter....84
86 1/2SF Electronics/Kevlar® Shears....84
KS-1, KC699 Kevlar® Shears....85
DS-60-C, DS-90-W Diamond-Tip Fiber Optic Scribe....86
CS-30-W Carbide-Tip Fiber Optic Scribe 86
CS-30-DE Double End Carbide Fiber Optic Scribe....86
FOC-SS Fiber Optic Cleaver....87
RMC-6 Ruler 87
CC125 Fiber Optic Cleaver....88
Fiber Optic Crimp Tool 88
Fiber Optic Inspection Microscope 200x/400x 89
FOPD-25, FOPD-LC, FS800, FS 900 Fiber Optic Polishing Disc 90
FO-VFL Fiber Optic Visual Fault Locator....91
CCT-2001 Fiber Continuity Tester 91
FIBER OPTIC POLISHING KIT....92
FIBER OPTIC SAFETY KIT....93
MDP-8 Miller Dispensing Pump 93
MDP-4 Miller Dispensing Pump 94
100 Adjustable Wire Stripper & Cutter....94
103-S Adjustable Wire Stripper & Cutter with cam adjustment 95
111-TAS Thumb Adjustable Wire Stripper & Cutter 95

ELECTRICAL

RCS-114, RCS-158 Round Cable Strippers 96
MK02, MK02M Round Cable Strippers....97
MK01DA Outer Jacket Cable Stripper....98
MK04 Cable Jacket Stripper 98
721, 821, 921 Multi-Wire Strippers/Cutters....99
PS 1 Self-Adjusting Wire Stripper 100
MK 1 F/D Self-Adjusting Wire Stripper....100
PS 2 Self-Adjusting Wire Stripper 101
NO-NIK® Wire Strippers....102-103
60 Utility Cutter....104
95 Romex Cable Ripper....105
205 Rural "C" Line Wire Slitter & Stripper....105
305 Figure-8 Aerial Self Supporting Duct Slitting Tools 106
925CS/925CS-ERGO, CK6, 925CS KIT Splicer's Scissors/Splicer's Knife/Splicer's Kit....107

ELECTRONICS

SPECIALTY SCISSORS 108
TWEEZERS 109
AW, AWG Anti-Wicking Tools 110
85 Long Nose Plier 111
DESOLDERING GUNS 112
SOFTY® ANTI-STATIC DISPOSABLE WORK MATS 113

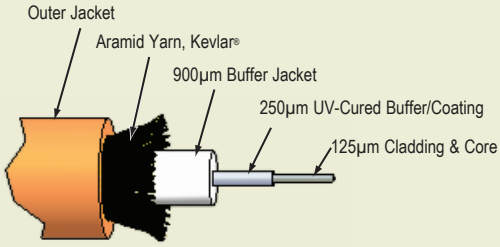
TELECOM

PDT-66/110 Punch Down Tool 114
RJC, RJ Crimping Tool 114
BTC BT/RJ Crimping Tool 115
SMART-STRIP Data Cable Strippers 115
LDT-UTP, DDT-UTP 116

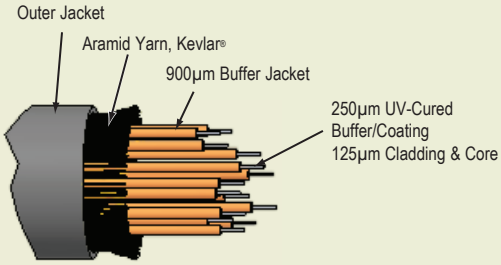
NOTES

EXAMPLES OF TYPICAL GLASS FIBER-OPTIC CABLE CONSTRUCTIONS

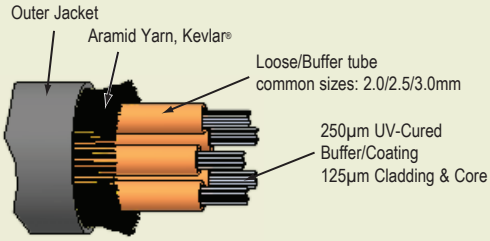
- 125µm Equivalent to 0.005 in.
- 900µm Buffer Jacket, often referred to as “tight buffer”.
- loose tube, often referred to as “buffer tube”.
- 250 µm uv-cured buffer/coating, often referred to as “bare fiber”.



Simplex scale 10:1



Distribution scale 2:1

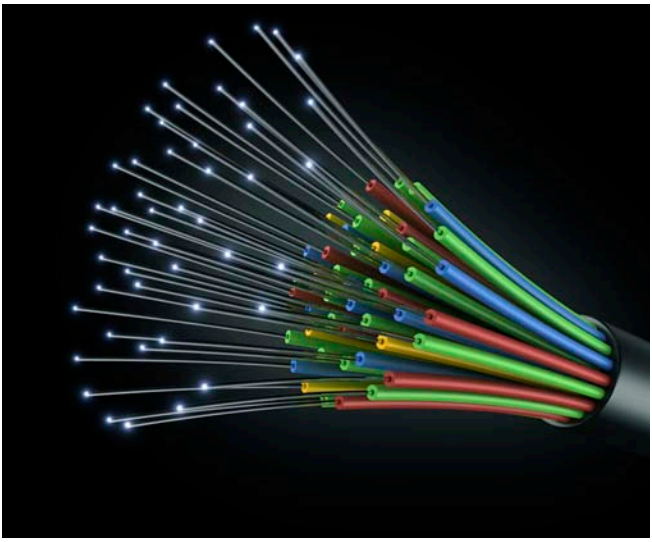


Indoor/Outdoor Loose Tube scale 2:1

COMPARATIVE FIBER OPTIC TOOL SELECTION CHARTS

Diameter of Remaining Fiber or Buffer Coating	Miller No-Nik Tool	Miller FO-103 Tool	Miller CFS-2 Tool
80 micron to 100 micron	NN-152 (Part# 46231) NN-175 (Part# 46235)	FO 103-S-100 (Part# 80355-1)	
125 micron (from 250 micron buffer)	NN-175 (Part# 46235) NN-203 (Part# 46241)	FO 103-S (Part# 80355) FO 103-D-250 (Part# 80675) FO 103-D-J (Part# 80676) FO 103-T-250-J (Part# 80677)	46107-M
250 micron	NN-305 (Part# 46255)	FO-103-D-250 (Part# 80675) FO-103-T-250-J (Part# 80677)	
400 micron	NN-018 (Part# 46198) NN-021 (Part# 46200)	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)	

Choose from the below tools To Access Fibers in Loose/Buffer Tubes	
• 400 Series • BrightPath EMS 6.6/4.0 • FDS-2-3MM	• MSAT (Mid-Span Access Tool) • MSAT 5 • FTS
Part numbers will vary, depending on the outside diameter of the buffer tube. Consult the individual catalog pages for more information.	



FO 103-S

Fiber Optic Stripper Line

- 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)

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
- Contact Customer Service for any applications listed in the table below
  U.S.: 860-635-2200 U.K.: +44-1384-400070

Part No.	Model	Finished Cladding 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	FO103-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.

FO 103-D-J, FO 103-D-250

"Dual-Hole" Fiber Optic Strippers

- New 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 2-3 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 No.: 80676
- FO 103-D-250 Part No.: 80675

FO 103-T-250-J

"Tri-Hole" Fiber Optic Stripper

- New three-hole model performs all common fiber stripping functions in one compact tool....
  - Hole for removal of 2 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
- Also available: **FO 103-T-400-250** Fiber Optic Stripper for 400 micron coated PM Fiber (Part No.: 80740)
- Made in the U.S.A.
- Length: 5.375 in. (137 mm)
- Weight: 2.5 oz (71 g)
- Part No.: 80677

NO-NIK® FIBER OPTIC STRIPPER 3-PIECE KIT

This sturdy 3-piece NO-NIK® Fiber Optic Stripper Kit is available with the most popular sizes, 203 microns (Red Handles) 254 microns (Light Blue Handles) and 305 microns (White Handles). The vinyl case protects these precision tools and provides convenient safe storage.

- Case size: 4 in. x 6-1/4 in. (102 mm x 159 mm)
- Part No: NN03 (46219)

FIBER OPTIC 3-PIECE STRIPPING KITS

- **NO-NIK® FIBER OPTIC STRIPPER**
  Miller® Fiber Optic Stripping Kits are available with a NO-NIK® Fiber Optic Stripper for each of the following minimum cutting diameters: 152 microns; 175 microns; 203 microns; 254 microns; and 305 microns. Operating instructions are included. Specify the size of the No-Nik needed when ordering your kit.
- **86 1/2SF HIGH LEVERAGE KEVLAR® SHEAR**
  With a nonslip serrated blade, the Miller® 86 1/2SF High Leverage Kevlar® Shear provides the perfect solution for trimming back the DuPont Kevlar® that serves as the central strength member.
- **821 MULTI-WIRE STRIPPER/CUTTER**
  The 821 removes the outside jacket from fiber optic cable.
- A vinyl case protects the tools and provides convenient safe storage.
- Case size: 4 in. x 6-1/4 in. (102 mm x 159 mm)
- Part No: NN152 KIT (46230), NN175 KIT (46234), NN203 KIT (46239), NN254 KIT (46247), NN305 KIT (46253)

NO-NIK®

Fiber Optic Strippers

- NO-NIK® tools are offered in sizes ranging from 152 to 305 microns
- Exclusive centering device positions fiber for precise scoring and removal of buffer coating
- Color-coded, cushion-grip handles for quick identification
- Plastic heads, which make contact only with the buffer, center and support your work on both sides
- Cutting blades made from razor quality steel score the buffer completely
- Back-up blades support the cutting blades, nest positively, and "lock up" when the tool is closed to maintain perfect concentricity
- Buffer being removed acts as guide and protection for the fiber
- Stripping blade diameter clearly marked on plastic handle
- Arrow indicates direction pressure should be applied when stripping on head
- Made in the U.S.A.
- Length: 5.3 in. (135 mm)
- Weight: 1.6 oz (45 g)

NO-NIK® FIBER OPTIC STRIPPER SELECTION CHART

Model	Handle Color	Minimum Stripping Blade Diameter (Microns)	(Inches)	Part No.
NN152	Gold	152 µm	.006 in.	46231
NN175	Mustard	175 µm	.007 in.	46235
NN203	Red	203 µm	.008 in.	46241
NN254	Lt. Blue	254 µm	.010 in.	46249
NN305	White	305 µm	.012 in.	46255

CFS-2 / CFS-2 900

Fiber Optic Stripper

- CFS-2 for stripping 250 micron buffer coating to expose 125 micron cladded fiber
- CFS-2 900 for stripping 250 and 900 micron buffer coating to expose 125 micron cladded fiber
- Second hole for stripping 2-3 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
- Length: 6.5 in (165 mm)
- Weight: 4.2 oz (119 g)
- CFS-2 Part No.: 46107-M
- CFS-2 900 Part No.: 81281

OPTISTRIP®

Fiber Optic Stripper

- 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 No.: 39435

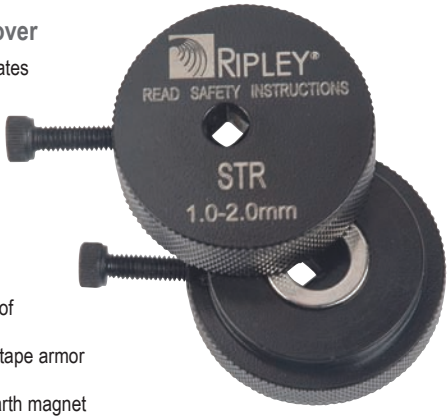
FO-R12

Fiber Ribbon Access Tool

- 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 No.: 80745

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
- Dimensions: Diameter 1.5 in. x .82 in. (38.5 mm x 20.7 mm)
- Weight: 9.0 oz (258 g)
- Part No.: 81161

IET

Insertion–Extraction Tool

- 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
- 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 No.: 80860

ACS / ACS-2 / ACS-K

Armored Cable Slitter

- 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
- 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
- Rugged anodized aluminum and steel construction
- Cable guide wheel for smaller cable sizes can be ordered separately
- ACS Part No.: 37880 • ACS-2 Part No.: 37897
- ACS-K Part No.: 37899 includes ACS-2 tool, cable guide wheel and bearing
- Made in the U.S.A.
- U.S. Patent Nos.: D505, 056S
- Replacement blade: Part No.: 37884 (CB 251-K)
- Height: 5 in (127 mm)
- Weight: 10 oz (284 g)

BrightPath EMS 6.6/4.0

CommScope® Mid-Span Entry Tool

- 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 No.: 42555

FDS

Fiber Drop 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)

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 Drop 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.
- Jacket Replacement Blade Part No.: 37048 (CB229)
- Buffer Tube Replacement Blade Part No.: 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)
- Length: 3.75 in. (95mm) • Weight: 6.8oz (193g)
- Part No.: 42770

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

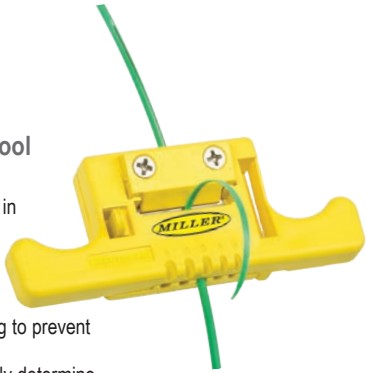
MSAT

Mid-Span Access Tool

- 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 1.8-2.2 mm (0.071 in.- 0.086 in.)
  2.5 mm 2.3-2.8 mm (0.090 in.-0.110 in.)
  3.0 mm 2.8-3.2 mm (0.110 in.- 0.126 in.)
- Made in the U.S.A
- Replacement Blade: Part No: 80794 includes 1 blade set (2 each) and 1/16 in. Allen wrench
- Same blade part No. for all three tool channels
- Length: 2.5 in. (63.5 mm)
- Weight: 8oz (226.7g)
- Part No.: 80785

MSAT 5

Mid-Span Access Tool



- 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 No.: 80930

FTS

Fiber Tube Scorer

- Precise one-step buffer tube scorer
- Unique design easily scores buffer tube sizes from 1.6 mm to 6.0 mm, eliminating multiple tools
- Factory fixed hardened carbon steel blade requires no blade adjustment
- Body made of strong resilient acetal polymer
- Made in the U.S.A.
- Dimensions: 3.75 x .625 in. (95.53 mm x 15.92 mm)
- Weight: 1oz (28g)
- Part No.: 80980

400

Fiber Buffer Tube and 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.
- Replacement Blade Part No.: 80235 (two blades per package)
- Length: 6.5 in. (165 mm)
- Weight: 9.0 oz (255 g)

Model	Part No.	Tube Size (mm OD)	Tube Size (inch OD)	Color
400 - 1.8 mm	80950	1.6 - 1.8	0.063 - 0.071	Copper
400 - 2.2 mm	80951	2.0 - 2.2	0.079 - 0.087	Red
400 - 2.5 mm	80952	2.3 - 2.5	0.091 - 0.098	Blue
400 - 3.0 mm	80953	2.6 - 3.0	0.102 - 0.118	Green
400 - 3.3 mm	80954	3.0 - 3.3	0.118 - 0.130	Green
400 - 3.5 mm	80955	3.3 - 3.6	0.130 - 0.141	Yellow
400 - 4.0 mm	80956	3.7 - 4.1	0.145 - 0.161	Grey
400 - 4.5 mm	80957	4.2 - 4.5	0.165 - 0.177	Beige
400 - 5.0 mm	80958	4.6 - 5.1	0.181 - 0.201	Dark Brown
400 - 6.0 mm	80959	5.6 - 6.0	0.220 - 0.236	Dark Blue
*400 - Drop A	80960	4.4 x 8.2	0.173 x 0.323	Gold

* 405 – Drop A for OFS, CommScope, Corning, Draka/Conteg, OFS, Prysmian and Sumitono cable

400 Series Guide Block Sets

Fiber Buffer Tube and Drop Cable Slitter

Model Guide Block Set	Part No.	Tube Size (mm OD)	Tube Size (inch OD)	Color
1.8 mm	80835-001	1.6 - 1.8	0.063 - 0.071	Copper
2.2 mm	80835-002	2.0 - 2.2	0.079 - 0.087	Red
2.5 mm	80835-003	2.3 - 2.5	0.091 - 0.098	Blue
3.0 mm	80835-004	2.6 - 3.0	0.102 - 0.118	Green
3.3 mm	80835-005	3.0 - 3.3	0.118 - 0.130	Purple
Drop A	80835-006	4.4 x 8.2	0.173- 0.323	Gold
3.5 mm	80835-007	3.3 - 3.6	0.130 - 0.141	Yellow
4.0 mm	80835-008	3.7 - 4.1	0.145 - 0.161	Grey
4.5 mm	80835-009	4.2 - 4.5	0.165 - 0.177	Beige
5.0 mm	80835-010	4.6 - 5.1	0.181 - 0.201	Dark Brown
6.0 mm	80835-011	5.6 - 6.0	0.220 - 0.236	Dark Blue
8.5 mm	80835-013	8.1 -8.5	0.319 - 0.335	Orange

400 Series Kit

Fiber Buffer Tube and Drop Cable Slitter

- 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 No.: 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)

400 Series Kit

Kit Part No.	Guide Blocks Included
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
80830-009	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)

RBT

Riser 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
- Applicable cables listed in the following table - please contact Customer Service for other 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 No.: 81315

FOKC

Fiber Optic Kevlar® Cutter

- 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
- Length: 5.75 in. (146 mm)
- Weight: 2.5 oz (72 g)
- Part No.: 36495

86 1/2SF

Electronics/Kevlar® Shears

- 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
- Length of cut: 0.63 in. (16 mm)
- Made in the U.S.A.
- Length: 6.5 in. (165 mm)
- Weight: 4.8 oz (136 g)
- Part No.: 46331 86 1/2SF
- Part No.: 46339 86 1/2S NO grips

KS-1

Kevlar® Shears

- 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
- KS-1 available with nylon pouch with belt loop (Part No.: 80665)
- Nylon pouch only (Part No.: 80669)
- Length: 5.5 in. (140 mm)
- Weight: 2.8 oz (79 g)
- Part No.: 80671

KC699

Kevlar® Shears

- 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
- Length of cut: 2.5 in. (64 mm)
- Length: 7.25 in. (184 mm)
- Weight: 1.6 oz (45 g)
- Part No.: 46175

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 NO.
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	5.375 in. / 137 mm	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 25 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 NO.
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
- Carbide Blade Replacement Part No.: 46122
- Made in the U.S.A.

MODEL	DESCRIPTION	FULL LENGTH	PART NO.
CS-30-DE	3/16 in. (5 mm)	5-1/4 in. (133 mm)	46123

FOC-SS

Fiber Optic Cleaver

- 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
- Cleaver and instructions come in a 2.12 oz (60g) hard plastic case that measures 5.38 x 3.38 x 1.13 in. (137 x 86 x 29 mm)
- 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 No.: 46490
- **Leaf Spring Replacement: FOC-LS**
  Part No.: 46492
- **Carbide Blade Replacement: FOC-CBL,**
  Bladelife scores – 6,000*
  Part No.: 46491
- **Diamond Blade Replacement: FOC-DBL,**
  Bladelife scores – 10,000*
  Part No.: 46493
- Made in the U.S.A.

* Based on no damage or chipping to blade

RMC-6

Ruler

- 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 No.: 80683

CC125

Fiber Optic Cleaver

- Produces extremely precise cleave lengths from 6.5 mm to 20 mm
- Produces endface angles of less than two degrees 100% of the time
- Ideal for achieving the precise cleaves required by the new generation of “no polish” fiber connectors — in either simplex or duplex cables
- Tremendous repeatability — once the cleave length is set and locked, every cleave will be the same precise length
- Steel handles with plastic grips
- Anodized aluminum cleaving blocks / fixturing
- Carbide cleaving blade
- Polyurethane rubber cleaving and gripping pads
- Compatible Fibers:
  - Glass fibers with 125-micron nominal cladding diameters
- Made in the U.S.A.
- Length: 5.125 in. (130 mm)
- Width: 1.75 in. (45 mm)
- Height/Thickness: 1.5 in. (38 mm)
- Part No.: 46092

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
- Length: 8.6 in. (218 mm)
- Weight: 1.1 lb (500 g)

With Jaw Set #	Part No.	Square	Hex Sizes	Oval Sizes	Jaw Set Only Part No.
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

Fiber Optic Inspection Microscope 200x / 400x

- 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 standard, optional LC, SC/APC, E2000/APC and SMA adapters available**
- 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)
- **Universal 2.5 mm Adapter:** Part No.: 80768
- **LC Adapter:** Part No.: 80765 Universal 1.25 Adapter
- **SC/APC 2.5 mm (8°) Adapter:** Part No.: 80766 Universal 2.5 APC Adapter
- **SMA Adapter:** Part No.: 80767
- Length: 9 in. (230 mm)
- Weight: 1.2 lbs (550 g) without case
- 200x Part No.: 80760
- 400x Part No.: 80761

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 No.: 80688
- **FOPD-LC also available (aluminum disc for 1.25 mm ferrule LC connectors) (Part No.: 80754)**
- **FS800 is 1.5 in. diameter plastic disc designed for most 2.5 mm ST, SC and FC connectors (Part No.: 46167)**
- **FS900 is 1.5 in. diameter stainless steel disc for 2.5 mm connectors (Part No.: 46169)**

FO-VFL

Fiber Optic Visual Fault Locator

1.25 mm Adapter

- Slim pen style 650 nm red visible laser diode fault locator for single and multimode fiber
- Designed for field personnel who need an 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
- 1.25 mm Adapter Only (Part No. 80911)
- For single mode up to 7 km, for multi-mode up to 3 km
- Laser class 3A
- CE, RoHS compliant

CCT-2001

Fiber Continuity Tester

- Provides a high intensity, long-lasting RED LED light source that transmits light instantly and accurately down the fiber
- Designed for field use and provides a simple inexpensive check of fiber continuity
- Compatible with both single mode and multimode fiber
- Compatible with almost all types of connectors including ST, FC, SC, LC and MT-RJ connectors
- Includes 1.25 mm Universal, 2.5 mm Universal and MT-RJ style interchangeable adapters
- Uses (3) each LR41 or AG3 batteries (included)
- Part No.: 46097

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

MODEL	DESCRIPTION	DIMENSIONS	PART NO.
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: 9 in.; 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 2.5 mm	Diameter: 1-1/2 in. / 38 mm	46167
FS900	Fiber Optic Polishing Puck – Stainless Steel 2.5 mm	Diameter: 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	3in. 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 Optic Cleaning Wipes	3 in. x 4 in. / 76 mm x 101 mm	46143
FS400	Bifurcated Swipes	4-1/4 in. / 108 mm	46161

Also available: Diamond Polishing Film No. PFD-3, 5 in. (127 mm) Round; Color: Rose

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.
- Kit items can also be purchased separately
- Part No.: 80875

MODEL	DESCRIPTION	DIMENSIONS	PART NO.
FS9500	Fiber Optic Safety Kit - Complete	L: 16.5 in.; W: 3.5 in. / 42 cm x 9 cm	46171
FS100	Polishing/Work Mat (Black)	L: 22 in.; W: 14 in. / 56 cm x 5.5 cm	46154
FS200S	Fiber Scraps Trash Can	H: 4 in.; W: 2.25 in. / 10 cm x .7 cm	46157
FS300	Safety Glasses	N/A	46159
FS400	Bifurcated Swipes - 10 included	L: 5 in. / 12.7 cm	46161
FS500	Fiber Splinter Removal Tweezers	L: 4.25 in. / 10.8 cm	46162

MDP-8

Miller Dispensing Pump

- 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 No.: 80870

MDP-4

Miller Dispensing Pump

- 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 No.: 80875

100

Adjustable Wire Stripper & Cutter

- 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
- 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 No.: 80300
- Model 100 Part No.: 80300-30
  Ground Cutting Surface
- Model 101-S Part No.: 80305
- Model 101-S Part No.: 80305-30
  Ground Cutting Surface

100

101-S

103-S

Adjustable Wire Stripper & Cutter 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 the U.S.A.
- Length: 5.375 in. (136.53 mm)
- Weight: 2.5 oz (71 g)
- Model 103-S Part No.: 80315
- Model 103-S Part No.: 80315-30 Ground Cutting Surface

111-TAS

Thumb Adjustable Wire Stripper & Cutter

- 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
- Length: 5.4 in. (137 mm)
- Weight: 2.2 oz (62 g)
- Part No.: 80735

RCS-114, RCS-158

Round Cable Strippers

- Two tools 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
- RCS-114 for smaller diameter cables: 0.178 to 1.14 in. (4.5 - 29 mm)
- RCS-158 for larger diameter cables: 0.75 to 1.58 in. (19 - 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
- Replacement blade (RCS-114 and RCS-158): CB231 (Part No: 37150)
- Length: RCS-114 - 5.43 in. (138 mm)
  RCS-158 - 6.02 in. (153 mm)
- Weight: RCS-114 - 3.5 oz (100 g)
  RCS-158 - 3.84 oz (110 g)
- Part No.: 37140 (RCS-114)
- Part No.: 37145 (RCS-158)

MK02, MK02M

Round 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
- 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
- MK02 has handy spring-loaded hook ripping blade at base of tool to facilitate insulation removal
- MK02M functions the same as the MK02 but does not contain the spring-loaded hook ripping blade
- Solid construction for rugged applications
- MK02 Part No.: 39390
- MK02M Part No.: 39490

Specifications

- Stripping Capacity – 0.18 to 1.12 in. (4.5 to 28.5 mm) O.D.
- Replacement Blades: – Spherical cutting blade (set of 5) – 39391
  – Chisel point blade (set of 5) - 39392
- Weight: 4.2 oz (120 g)
- Dimensions: 5.3 x 1.6 x 0.6 in. (135 x 40 x 15 mm)

MK01DA

Outer Jacket Cable Stripper

- Designed for precision stripping of a variety of insulation types including rubber, PVC, nylon and cotton
- Also recommended for cutting copper screening of coaxial cables from 8 to 38 mm (0.31 to 1.5 in.)
- 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

Application	Wire Size, mm O.D.	Wire Size, Inches O.D.
Cable Stripping	8 mm to 33 mm	0.31 in. to 1.5 in.

- Replacement Blade: Part No.: 39381
- Weight: 159 g (5.6 oz)
- Length: 163 mm (6.4 in.) closed
- Part No.: 39922

MK04

Cable Jacket Stripper

- Cable stripper for outer jackets & 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 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 U.S.: 860-635-2200 U.K.: 44-1384-400070

Model	Cable Size Range In. O.D.	Cable Size Range mm O.D.	Part No.
MK04	0.79 in. to 2.36 in.	20 to 52	39376

- Replacement Fixed Blade Assembly: Part No.: 39379
- Replacement Fixed Blade Cartridges (FC2) Part No.: 39377 for larger O.D. cable & (FC3) Part No.: 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)

721, 821 & 921

Multi-Wire Strippers / Cutters

- 721 strips and cuts 22-10 AWG (0.6-2.6 mm) wire sizes
- 821 strips and cuts 26-16 AWG (.40-1.3 mm) wire sizes
- 921 strips and cuts 30-20 AWG (.25-.80 mm) wire sizes
- 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
- Length: 6.25 in. (159 mm)
- Weight: 3.8 oz (107.7 g)
- 721 Part No.: 80564
- 821 Part No.: 80568
- 921 Part No.: 44625

721

821

921

Type	Sizes (mm)						
721	0.6	0.8	1.0	1.3	1.6	2.0	2.6
821	0.4	0.5	0.65	0.8	1.0	1.3	
921	0.25	0.32	0.4	0.5	0.6	0.8	
Type	**Sizes (AWG)**						
721	22	20	18	16	14	12	10
821	26	24	22	20	18	16	
921	30	28	26	24	22	20	

PS 1

Self-Adjusting Wire Stripper

- Designed to handle PVC insulated small cross-sectional wires up to 1.5 mm² (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

Application	Wire Size Range mm²	Wire Size Range Inches O.D.	Approximate 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

- Replacement Gripping Pads (set of 3): Part No.: 39398
- Weight: 76 g (2.7 oz)
- Dimensions: 155 x 80 x 14 mm (6.1 x 3.1 x 0.6 in.)
- Part No.: 39765

MK 1F/D

Self-Adjusting Wire Stripper

- Designed for high volume, production environments
- Strips 0.25 mm² to 2.5 mm² PVC insulated wires
- 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

Application	Wire Size Range mm²	Wire Size Range Inches O.D.	Approximate AWG wire size
Wire Stripping	0.25 to 2.5	Up to 0.1 in.	Stranded up to 14 Solid up to 14

- Replacement Stripping Jaw Assembly: Part No.: 39416
- Weight: 240 g (8.5 oz)
- Dimensions: 165 x 64 x 16 mm (6.5 x 2.5 x 0.6 in.)
- Part No.: 39415

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 glassfiber reinforced nylon body with hardened and tempered steel moving component parts insures a long, maintenance free life

Application	Wire Size Range mm^2	Wire Size Range In. O.D.	Approximate AWG wire size
Wire Stripping	0.08 to 6.00	up to 0.126 in.	22-10 Stranded & Solid
Wire Cutting	Up to 6.00 stranded Copper	up to 0.126 in.	22-10 Stranded & Solid

- Weight: 150 g (5.3 oz)
- Dimensions: 180 x 70 x 18 mm (7.1 x 2.8 x 0.7 in.)
- Part No.: 39780

NO-NIK®

Wire Strippers

- The premier precision wire stripper for removing insulation from solid or stranded wire without nicking or scratching the conductor
- Stripping blade diameters range from 0.008 in. to 0.054 in. (.203 mm to .323 mm)
- Stripping apertures are accurate to -0 in, + 0.0005 in (.0127 mm)
- Simple operation
- Insulation being removed protects conductor from the stripping blades
- No adjustments needed; each tool is made to strip specific wire sizes
- Handles are color-coded to tool size for easy identification
- Stripping Blade Diameter Marking and Indicating Arrow:
  - Stripping blade diameter clearly marked on plastic head. Arrow indicates direction pressure should be applied when stripping
- Made in the U.S.A.
- Length: 5.3 in. (135 mm)
- Weight: 1.6 oz (45 g)

Please see Wire Stripper Selection Chart on next page.

Wire Stripper Selection Chart

Model	Part No.	Cutting Diameter*	Handle Color	AWG	Wire Construction	Nominal Conductor Diameter in.	Nominal Conductor Diameter mm
NN044	46215	.044	Dark Brown	18	Single	.0403	1.0236
NN054	46217	.054	Clear		Stranded	.044	1.1176
NN034	46211	.034	Pink	20	Single	.0320	.8128
NN037	46213	.037	Grey				
NN037	46213	.037	Grey		Stranded	.035	.889
NN044	46215	.044	Dark Brown				
NN028	46206	.028	Black	22	Single	.0253	.64262
NN031	46209	.031	Tan				
NN031	46209	.031	Tan		Stranded	.028	.7112
NN034	46211	.034	Pink				
NN023	46202	.023	Maroon	24	Single	.0201	.511
NN025	46204	.025	Light Green				
NN025	46204	.025	Light Green		Stranded	.022	.5588
NN028	46206	.028	Black				
NN018	46198	.018	Yellow	26	Single	.0159	.404
NN021	46200	.021	Royal Blue				
NN021	46200	.021	Royal Blue		Stranded	.017	.4318
NN023	46202	.023	Maroon				
NN014	46194	.014	Dark Green	28	Single	.0126	.320
NN016	46196	.016	Orange				
NN016	46196	.016	Orange		Stranded	.014	.3556
NN018	46198	.018	Yellow				
NN012	46192	.012	White	30	Single	.0100	.254
NN014	46194	.014	Dark Green				
NN014	46194	.014	Dark Green		Stranded	.011	2794
NN016	46196	.016	Orange				
NN010	46190	.010	Light Blue	32	Single	.0080	.2032
NN012	46192	.012	White				
NN010	46190	.010	Light Blue		Stranded	.009	.2286
NN012	46192	.012	White				
NN008	46188	.008	Red	34	Single	.0063	.160
NN010	46190	.010	Light Blue		Stranded	.007	.1778
NN010	46190	.010	Light Blue				
NN008	46188	.008	Red	36	Single	.0050	.127
NN008	46188	.008	Red		Stranded	.006	.1524

* Proper selection depends upon type of insulation and insulation construction.

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 the U.S.A.
- Length: 5.375 in. (136.53 mm)
- Weight: 2.5 oz (71 g)
- Part No.: 80365

95

Romex® Cable Ripper

- The easy way to rip Romex® cable jackets (nonmetallic building electric wire) to expose the conductors
- Economical value with professional results
- Blade hardened for long wear and is easily replaced
- Made in the U.S.A.
- Replacement Blade #95 BL Part No.: 080297
- Length: 4.5 in. (114.3 mm)
- Weight: 1.5 oz (42.5 g)
- Part No.: 80295
- Romex® is a registered trademark of Southwire Company

205

Rural "C" Line Wire Slitter & Stripper

- Heads matched to wire diameter
- Used by major telephone installers
- Slitting and stripping blades are replaceable
- Replacement Blades:
  # 205 SL BL (slitting blade)
  # 205 ST BL (stripping blade)
- 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 No.	Wire Diameter (in.)	Wire Diameter (mm)	Replacement Blade	Replacement Blade Part No.
205 14GA	80250	.062	1.57	205SL BL 205ST BL	80235 80236-1
205 12GA	80238	.080	2.03	205SL BL 205ST BL	80235 80236-4

305

Figure-8 Aerial Self Support Duct Slitting Tools

- 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)

Models for Messenger Web Slitting (slits web between messenger and duct)

Tool Model	Tool Part No.	Duct Mfr	Nominal Duct Messenger Size, mm	Maximum Messenger Covering O.D. in.	Replacement Blade	Blade Part No.
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)

Tool Model	Tool Part No.	Maximum Messenger Covering O.D. in.	Duct Mfr	Nominal Duct Messenger Size, mm	Replace-ment Blade	Blade Part No.
305-6MJ-P6	80640	.400	Pyramid	6.6	305 MJ	80639
305-6MJ-AD6	80240	.450	Duraline, Arnco	6.6	305 MJ	80639

925CS/925CS-ERGO

Splicer's Scissors

- 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 No.: 46043

925CS

925CS-ERGO

- 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
- Length: 7.5 in. (190 mm)
- Weight: 3.7 oz (110 g)
- Part No.: 46046

925CS-ERGO

CK6

Splicer's Knife

- Tough, coping-style blade
- Forged steel
- Full-Size, high-dielectric, yellow-cushioned handle
- Provided with a protective blade sheath
- Length: 6.25 in. (159 mm)
- Blade length: 1.625 in. (41 mm)
- Weight: 2.4 oz (68 g)
- Part No.: 46112

925CS KIT

Splicer's Kit

- Complete Kit Contains:
  1 – CSH 96 Holster
  1 – 925CS Splicer's Scissors
  1 – CK6 Knife
- Kit Dimensions: 8.25 x 2.125 x 1 in. (210 x 54 x 2.54 mm)
- Weight: 7.5oz (213 g)
- Part No.: 46044

MODEL	DESCRIPTION	FULL LENGTH	LENGTH OF CUT
925CS	Stripping notches 19 & 23 AWG and one blade serrated	5 in. / 127 mm	1.75 in. / 44 mm
925CS-ERGO	Same as 925CS except with ERGO handles	5 in. / 127 mm	1.75 in. / 44 mm
CK6	Splicer's knife	6.25 in. / 159 mm	N/A
925CS Kit	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 tieing 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
- 383 1/2 has two sharp points and is sturdily built for cutting light wire
- 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.

MODEL	FULL LENGTH	LENGTH OF CUT	PART NO.
IS4 1/4	4 1/4 in. - 108 mm	3/4 in. - 19 mm	46333
33 1/4 (Curved blades)	3 1/4 in. - 83 mm	1/2 in. - 13 mm	46332
383 1/2	3 1/2 in. - 89 mm	3/4 in. - 19 mm	46336
384	4 in. - 102 mm	1 1/4 in. - 32 mm	46337
385	5 in. - 127 mm	1 1/2 in. - 38 mm	46338
554 (Curved blades)	4 in. - 102 mm	3/8 in. - 10 mm	46335
564C (One blade serrated)	4 in. - 102 mm	3/8 in. - 10 mm	46334

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	Full Length	Part No.
AA-SA	4-7/8 in. / 124 mm	46056
5-SA	4-1/4 in. / 108 mm	46029
7-SA	4-1/2 in. / 114 mm	46034
7C	4-1/2 in. / 114 mm	46032
231	4-3/4 in. / 121 mm	46011
226	4-3/4 in. / 121 mm	46009

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*	FULL LENGTH	CONDUCTOR CONTACT LENGTH	HOLE DIAMETER	PART NO.
AW 18	5 in. / 127 mm	1/16 in. / 1.59 mm	.046 - .047 in. / 1.17 - 1.19 mm	46059
AW 20	5 in. / 127 mm	1/16 in. / 1.59 mm	.035 - .036 in. / .89 - .91 mm	46061
AW 22	5 in. / 127 mm	1/16 in. / 1.59 mm	.028 - .029 in. / .71 - .74 mm	46063
AW 24	5 in. / 127 mm	1/32 in. / .79mm	.022 - .023 in. / .56 - .58 mm	46065
AW 26	5 in. / 127 mm	1/32 in./ .79 mm	.017 - .018 in. / .43 - .46 mm	46067
AW 28	5 in. / 127 mm	1/32 in. / .79 mm	.012 - .014 in. / .30 - .36 mm	46069
AW 30	5 in. / 127 mm	1/32 in. / .79 mm	.010 - .011 in. / .25 - .28 mm	46071
AWG 18	4-1/2 in. / 114 mm	1/16 in. / 1.59 mm	.046 - .047 in. / 1.17 - 1.19 mm	46073
AWG 20	4-1/2 in. / 114 mm	1/16 in. / 1.59 mm	.035 - .036 in. / .89 - .91 mm	46076
AWG 22	4-1/2 in. / 114 mm	1/16 in. / 1.59 mm	.028 - .029 in. / .71 - .74 mm	46079
AWG 24	4-1/2 in. / 114 mm	1/32 in. / .79 mm	.022 - .023 in. / .56 - .58 mm	46082
AWG 26	4-1/2 in. / 114 mm	1/32 in. / .79 mm	.017 - .018 in. / .43 - .46 mm	46085
AWG 28	4-1/2 in. / 114 mm	1/32 in. / .79 mm	.012 - .014 in. / .30 - .36 mm	46087
AWG 30	4-1/2 in. / 114 mm	1/32in. / .79 mm	.010 - .011 in. / .25 - .28 mm	46089

* Model numbers give correct wire size tools are made to fit

85

Long Nose Plier

- Perfect for precision assembly work
- Ideal for mechanics, technicians and hobbyists
- Spring closing action holds parts so they don't slip during assembly
- Narrow width; .25 inch (6.35 mm)
- Soft plastic coated handles
- Made in the U.S.A.
- Length: 9.25 in. (234.95 mm)
- Weight: 2.7 oz (77 g)
- Part No.: 80285

DESOLDERING GUNS

39459
DSG MINI AS 59802
Mini Antistatic De-soldering Tool

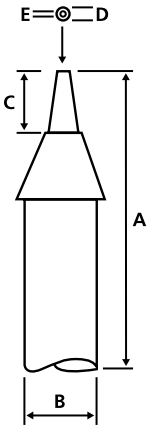
39455
DSG PRM 587
DSG PRM De-soldering Tool
fitted with micronozzle

39467
DSG 587 AS
The anitstatic 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

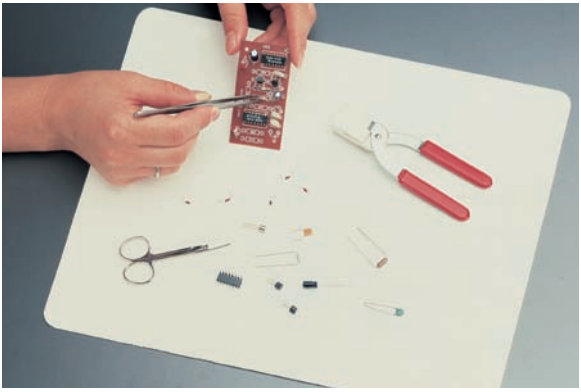


- Complete range of professional quality desoldering tools for solder removal
- Tools feature PTFE or silicon rubber nozzles (see below)
- Extraction springs located outside the vacuum chamber to prevent solder sticking and promote long life
- Anti-static gun versions feature carbon impregnated tips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

PRODUCT (Part No.)	BODY ALUMINUM	BODY PLASTIC	ANTI-STATIC	NOZZLE PTFE	NOZZLE SILICONE RUBBER	DIMENSIONS (MM) A	B	C	D	E	WEIGHT (G)	SPARES NOZZLES (X5)	NEOPRENE WASHERS
DSG PRM 587 (39455)	✔			✔		190	20	20	3	1.5	56	39503	39512
DSG 587 AS (39467)	✔		✔	✔		190	20	20	3	1.5	56	39505	39512
DSG 59802 AS (39459)	✔		✔	✔		154	14	15.5	3	1.5	35	39504	39514
VALUVAC 574 AS (39461)		✔	✔	✔		184	26	20	3	1.5	39	39508	
FLEXIVAC 2006 (39463)		✔	✔		✔	206	26	30	5	2	42	39506	
FLEXIVAC 2009 (39466)	✔		✔		✔	198	26	30	5	2	60	39506	

NB: All Anti-Static Desoldering Guns comply with European Standards CECC 15, relating to the safeguarding of static sensitive components.

SOFTY®
ANTI-STATIC DISPOSABLE WORK MATS



- 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 restivity 10^{10} - 10^{11} ohms/sq
- Meets DOD-STD-1686 for anti-static material
- Meets DOCFF1-70 test for flammability

MODEL	SIZE	PACKAGING	PART NO.
M11 White	11 in. x 14 in. (279 mm x 356 mm)	Single	46180
M14	14 in. x 22 in. (356 mm x 559 mm)	Single	46183
R22 White	22 in. Width (559 mm)	*180' (55 m) per roll	46281
R44 White	44 in. Width (1118 mm)	*180' (55 m) per roll	46283

* Feet per roll is approximate

PDT-66/110

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
- Replacement Blades: 110/88 Part No.: 46268
  110/66 Part No.: 46269
- Length: 5.75 in. (146 mm)
- Weight: 5.1 oz (145 g)
- Part No.: 46271

RJC

RJ Crimping Tool

- Crimps RJ10, RJ11, RJ12, 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
- Length: 7-3/4 in. (197 mm)
- Weight: 12 oz (340 g)
- Part No.: 80756
- Replacement Blades: Part No.: 80757

BTC

BT/RJ Crimping Tool

- Crimps British Telecom 430A/431A, BT 630A/631A, RJ 11/12 and RJ45 modular 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
- Length: 197 mm (7-3/4 in.)
- Weight: 340 g (12 oz)
- Replacement Blade: Part No.: 80757
- Part No.: 40000

SMART-STRIP

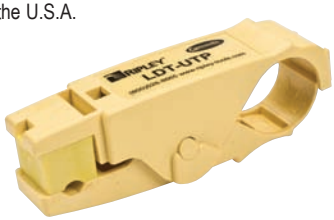
Data Cable Stripper

- 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
- Weight: 1.4 oz (40 g)
- Dimensions: 3.8 x 0.75 x 1.5 in. (97 x 19 x 38 mm)
- Part No.: 39470

LDT-UTP, DDT-UTP

UTP Jacket Trimmer

- LDT-UTP is used for stripping the jacket on CAT5, CAT5E and CAT6 UTP/STP cables
- 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 requires 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
- **Replacement Cassettes (two/package)**
  * RC-UTP (Part No.: 42687)
  * RC-UTP-10G (Part No.: 42768)
- **LDT-UTP**
  * Length: 4 in. (102mm)
  * Weight: 0.8 oz (23g)
  * Part No.: 42688
- **DDT-UTP**
  * Length: 3.63 in. (92.08mm)
  * Weight: 2.0 oz (57g)
  * Part No.: 42452
- Made in the U.S.A.



NOTES

UtilityTool™

WIRE & CABLE PREPARATION TOOLS

- POWER
- TRANSMISSION
- DISTRIBUTION

Table of Contents

Cable Preparation Examples 120-121

SECONDARY DISTRIBUTION

4 X 4 PLUS®, 2 X 2 PLUS Cable End Strippers 122-125
WS 68 SERIES Power Driven End Strippers 122
SUPER STRIPPER KIT Square Cut Bushing Sets for Electrical Wire 126
WS 22 SERIES End Strippers 127-128
ERGONOMIC KIT 129
WS 71 / 72 Adjustable End and Mid Span Strippers 130

PRIMARY DISTRIBUTION (OVERHEAD)

WS 1 SERIES Mid-Span Stripper 131
WS 2 SERIES Mid-Span Strippers 132
WS 10 SERIES Mid-Span Strippers 133
WS 55 Adjustable Mid-Span Strippers 134
WS 73 Adjustable Cable Stripper 134
WS-MSES Mid-Span Tool for Primary Tap Wire 135
WS 58 Adjustable End Stripper 135
RCS-114, RCS-158 Round Cable Strippers 136
FOKC Copper Shield Cutter 136
MK04 Cable Jacket Stripper 137
WS 64 SERIES Adjustable Cable Stripper 138
AJS Adjustable Jacket Slitter 139

PRIMARY DISTRIBUTION (UNDERGROUND)

WS 50 SERIES Adjustable URD End Stripper 140
WS 61 Adjustable URD Jacked Stripper 140
WS 67 SERIES Metallic Sheath Removal Tools 141
WS 49 SERIES Airport Lighting Cable End Stripper / Penciller 141
BANANA PEELER® Adjustable Blade Semi-Con Scoring Tool 142
SCS Semi-Con Scoring Tool 143
WS 15, WS 15-FA Adjustable Semi-con Scoring Tool 144
WS 76 Semi-con Shaving Tool 145
WS 9A, WS 9C Semi-con Shield Shaving Tools 145
WS 5 SERIES End Strippers 146-147
WS 6 SERIES End Strippers 148-149
IC SERIES URD Insulation Chamfer Tools 150
SCC SERIES Adjustable Semi-con Chamfer Tools 150
WS 40 Motorized Semi-con URD Shield Removal 151-152
URD PENCILLING TOOLS 153

SPECIALTY DISTRIBUTION TOOLS

STT Secondary Torque Tool 154
PIT 1T Load Break Elbow Probe Insertion Tool with 125 in-lb torque delivery system 154
PIT 2 Load Break Elbow Probe Insertion Tool 154
LBIT-1T Load Break Bushing Insertion Tool 155
MBTT-150 Meter Base Torquing Tool 155
TRW5060/TSA Torque Wrench 156
TSW-4550 Torque Spanner Wrench 156
LPW-1 Lineman's Pole Wrench 157
QC-1 Quick Clamp 157

SPECIALTY DISTRIBUTION TOOLS (Continued)

RCC-INS/RCC Ratchet Cable Cutters 158
RACSR Ratchet ACSR Cable Cutter 158
RCC Cable Cutter 158
UCC Utility Cutter 159
RLN Long Nose Pliers 159

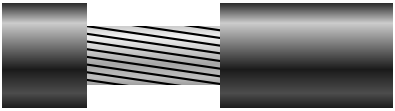
TRANSMISSION TOOLS

WS 9D, WS 9E Semi-con Shaving Tools 160
WS 9S SERIES Semi-con Shaving Tools 160
WS 57 SERIES Adjustable End Stripper/Jacket Stripper and Semi-con Shaver 161
WS 70 Adjustable Cable Stripper 162
WS 14A, WS17, WS16 High Voltage Pencilling Tools 163

Accessories 164
Standard NEC and AEIC Cable Dimensions 165-166

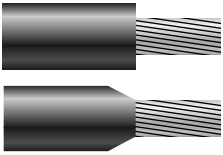
Cable Preparation Examples

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



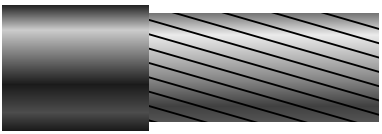
WS 1
WS 2, WSK 2
WS 10
WSK 10
WS 55
WS 62-U-M
WS 64-U-M
WS-MSES

End Stripping 600 V Secondary Cables
with either Square or Chamfer Cuts



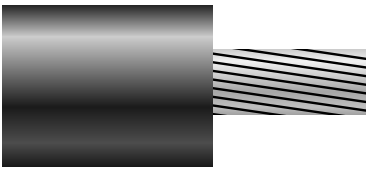
4 x 4 PLUS®
2 x 2 PLUS
WS 68
WS 22
WS 62-U-E
WS 68 SNAP
WS 71

Jacket Stripping URD Cables



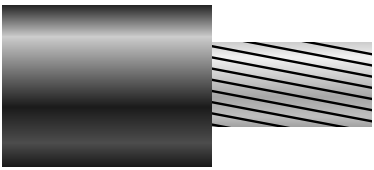
WS 61
WS 64-U
WS 73
RCS-114
RCS-158
MK01A
MK04

Insulation End Stripping URD Cables



WS 5
WS 5A
WS 5B
WS 5DA
WS 6
WS 50
WS 50A
WS 58
WS 64-U-E

Insulation End Stripping-Transmission Cables



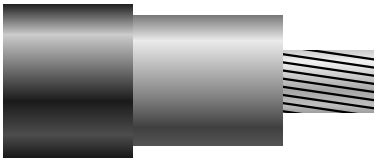
WS 50
WS 50A
WS 57
WS 70

Cable Preparation Examples

Removing Strippable Insulation Shield from URD Cables

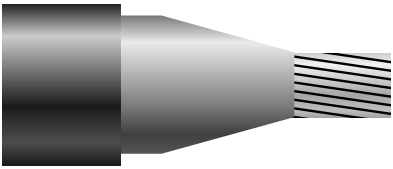
BP A
BP 1A
BP 2A
BP 3A
WS 15

Removing Bonded Insulation Shield from URD and Transmission Cables



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

Pencilling URD Cables



WS 7
WS 7A
WS 8
WS 8A

Pencilling Transmission Cables

WS 14A
WS 16
WS 17
WS 37

Chamfering Insulation on URD Cables

IC 1
IC 2

4x4 Plus® & 2x2 Plus

Cable End Strippers

4X4 PLUS®

- For 600 volt secondary cable
- Cutting heads for #6 AWG to 500 MCM 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

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

WS 68

WS 68 SNAP

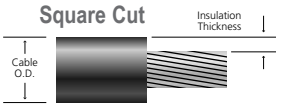
- **Ergonomic** end stripping tools for 600 volt secondary cable - **designed for use with a low or variable speed power drill**
- Tools designed to reduce working time and effort on repetitive stripping functions
- New **adjustable strip stop** with adjustment window allows easy setup for precise strip lengths from 0.625 in. (15.9 mm) to 2.5 in. (63.6 mm)
- **Uses standard 2x2 and 4x4 bushings:** From #6 AWG to 500 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.

	WS 68	WS 68 SNAP
Drill Adapter(s) Included with tool	1/4 in. (6.35 mm) hex for quick disconnect chucks	3/8 in. (9.5 mm)
Length	6.63 in. (168 mm)	8.5 in. (216 mm) w/ bushing
Weight	10.4 oz (294 g)	1.25 lbs (567.5 g) w/ bushing
Part Number	37430	37955

2x2 PLUS & 4x4 Plus®
Bushings to Square Cut Insulation

Replacement Blade: CB 6667

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											
	45 MIL			60 MIL			80 MIL		95 MIL			
	Max. (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.	Max (in)	O.D. (mm)	Part No.
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	.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
MCM												
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

Compressed Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	45 MIL			60 MIL			80 MIL			95 MIL		
	Max. (in)	O.D. (mm)	Part No.	Max (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.	Max (in)	O.D. (mm)	Part No.
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
MCM												
250	*	*	*	*	*	*	.740	18.80	10-75060	.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

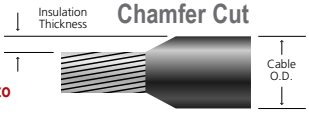
Compacted Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	45 MIL			60 MIL			80 MIL			95 MIL		
	Max. (in)	O.D. (mm)	Part No.	Max (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.	Max (in)	O.D. (mm)	Part No.
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	10-47560	*	*	*
1	*	*	*	.440	11.18	10-45040	.490	12.35	10-50060	*	*	*
1/0	*	*	*	.465	11.81	10-47540	.515	13.08	10-52560	.565	14.35	10-57575
2/0	*	*	*	.515	13.08	10-52540	.565	14.35	10-57560	.590	14.99	10-60075
3/0	*	*	*	.565	14.35	10-57540	.615	15.62	10-62560	.640	16.26	10-65075
4/0	*	*	*	.615	15.62	10-62540	.665	16.89	10-67560	.690	17.35	10-70075
MCM												
250	*	*	*	*	*	*	.715	18.16	10-72560	.740	18.80	10-75075
350	*	*	*	*	*	*	.790	20.07	11-80060	.840	21.34	11-85075
500	*	*	*	*	*	*	.915	23.24	11-92560	.965	24.15	11-97575

2x2 PLUS & 4x4 Plus® Bushings to Chamfer Cut Insulation

Replacement Blade: CB 108

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											
	45 MIL			60 MIL			80 MIL			95 MIL		
	Max. (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.
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**	.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**	.590	14.99	**12-60060**	.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**
MCM												
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**

Compressed Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	45 MIL			60 MIL			80 MIL			95 MIL		
	Max. (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.	Max (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.
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**
MCM												
250	*	*	*	*	*	*	.740	18.80	**12-75060**	.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**

Compacted Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	45 MIL			60 MIL			80 MIL			95 MIL		
	Max. (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.
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**
MCM												
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**

Square Cut Bushing Selection Charts for Electrical Wire

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.

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

Standard Kit Sets

Bushing Part No.	THHN Copper Conductor Kit Part No.: 34695	XHHW Copper Conductor Kit Part No.: 34910	THHN/XHHW Aluminum Conductor Size Kit Part No.: 34998	RHW/RHH/USE Copper Conductor Size Kit Part No.: 34785
10-27522	6	6	6	—
10-32530	—	—	4	—
10-32540	—	—	—	6
10-35030	4	4	—	—
10-37530	3	3	2	—
10-37540	—	—	—	4
10-40030	2	2	—	—
10-42540	—	—	1	—
10-45040	—	—	—	2
10-47540	1	1	1/0	—
10-52540	1/0	1/0	2/0	—
10-52560	—	—	—	1
10-55040	2/0	2/0	—	—
10-57540	—	—	3/0	—
10-57560	—	—	—	1/0
10-60040	3/0	3/0	—	—
10-60060	—	—	—	2/0
10-62540	—	—	4/0	—
10-65060	—	—	—	3/0
10-67540	4/0	4/0	—	—
10-70050	—	—	250 MCM	—
10-72560	—	—	—	4/0
10-75050	250 MCM	250 MCM	300 MCM	—
11-77550	—	300 MCM	—	—
11-80050	300 MCM	—	350 MCM	—
11-80075	—	—	—	250 MCM
11-82550	—	350 MCM	400 MCM	—
11-85050	350 MCM	—	—	—
11-85075	—	—	—	300 MCM
11-87550	400 MCM	400 MCM	—	—
11-90075	—	—	—	350 MCM
11-92550	—	—	500 MCM	—
11-97550	500 MCM	500 MCM	—	—
11-102575	—	—	—	500 MCM

Special Order Sizes (not included in standard Kit Sets above)

11-102560	—	—	*600 MCM	—
11-105060	*600 MCM	*600 MCM	—	—
11-107560	—	—	*700 MCM	—
11-110060	—	—	*750 MCM	—
11-117560	*750 MCM	*750 MCM	—	—

SUPER STRIPPER KIT

Square Cut Bushing Sets 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

WS 22 SERIES

WS 22

Double-Ended End Stripper

- For 600 volt cables, 1/0 AWG to 1000 MCM
- 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 No.: 12304H

Ordering Information

1. Select 2 bushings
2. If uncertain, send us a sample of your cable

WS 22A

Power Driven End Stripper

- **Ergonomic** end stripping tool for 600 volt secondary cable, 1/0 AWG to 1000 MCM - **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
- 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 No.
w/ 3/8 in. Drill Drive	12340
w/ 1/4 in. Hex Drive	12340-1
w/ 3/8 in. Square Socket Drive	12340-2
w/ 1/2 in. Square Socket Drive	12340-3

WS 22 SERIES
Bushings to Square Cut Insulation

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.

Bushing selection tables by conductor size and insulation thickness (part numbers listed)

Concentric Strand Conductor

Replacement Blade: CB 22

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	60 MIL			80 MIL			95 MIL			110 MIL		
	Max. (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.
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**	*	*	*
MCM												
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**	.965	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**	1.125	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

Compressed Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	60 MIL			80 MIL			95 MIL			110 MIL		
	Max. (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.
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**	*	*	*
MCM												
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**

Compact Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	60 MIL			80 MIL			95 MIL			110 MIL		
	Max. (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.	Max. (in)	O.D. (mm)	Part No.
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**	*	*	*
MCM												
250	*	*	*	.715	18.16	**15-72560**	.740	18.880	**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	*	*	*	1.065	25.78	**15-102560**	1.040	26.42	**15-105075**	1.090	27.69	**15-110090**
700	*	*	*	1.015	27.05	**15-107560**	1.090	27.69	**15-110075**	1.140	28.96	**15-115090**
750	*	*	*	1.065	27.69	**15-110060**	1.140	28.96	**15-115075**	1.165	29.59	**15-117590**
800	*	*	*	1.090	28.96	**15-115060**	1.165	29.59	**15-117575**	1.265	30.23	**15-120090**
900	*	*	*	1.190	30.23	**15-120060**	1.215	30.86	**15-122575**	1.190	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

- 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 MCM, or 500-1000 MCM
- Can contain spare parts, blades, tube-o-lube, etc.
- Includes carrying case
- Call Customer Service for more information U.S.: 860-635-2200 U.K.: 44-1384-400070

WS 71, WS 72

Adjustable End and Mid-Span Strippers

- 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 MCM)
- 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
- Dimensions: 5 x 4 x 2-1/2 in. (127 x 102 x 64 mm)
- Weight: 9.3 oz (263 g)

WS 71

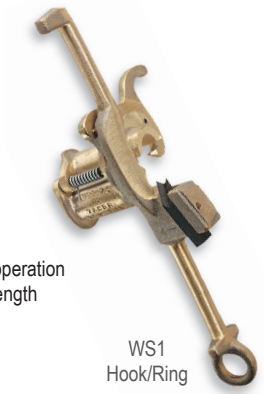
WS 72

Model	Function	Installed Blade	Part No.
WS 71	End Stripping Cable Range .5 in. to 1.3 in. (12.7 to 33 mm) OD	CB 7 (Part# 10302)	42120
WS 72	Mid-Span Stripping Cable Range .5 in. to 1.3 in. (12.7 to 33 mm) OD	CB 272 (Part# 42137)	42130

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)



WS1
Hook/Ring

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.		Insulation Thickness	Replacement Blade
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	CB 2 CB 1

- CB 2 Replacement Blade Part No.: 10114
- CB 1 Replacement Blade Part No.: 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			Cable O.D.		Insulation Thickness	Replacement Blade
Hook/Ring	Plastic	3/4 in. (19 mm) Rings	(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 CB 1
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 & CB 19

- CB 2 Replacement Blade Part No.: 10114
- CB 8-2A Replacement Blade Part No.: 19702
- CB 1 Replacement Blade Part No.: 10113
- CB 19 Replacement Blade Part No.: 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

WSB 10 & WSBK 10
2 1/2 in. (64 mm) Rings

Models			Cable O.D.		Insulation Thickness	Replacement Blade
Plastic Handles	3/4 in. (19 mm) Rings	2 1/2 in. (64 mm) Rings	(inch)	(mm)	(mils)	
WSP 10 Part# 11300	WSR 10 Part# 11335	WSB 10 Part# 11340	1.05 to 1.80	26.67 to 45.72	< 200	CB 4
WSPK 10 Part# 11330	WSRK 10 Part# 11345	WSBK 10 Part# 11350	1.05 to 1.80	26.67 to 45.72	≥200	CB 8-2B CB 162

- CB 4 Replacement Blade Part No.: 11313
- CB 8-2B Replacement Blade Part No.: 19704
- CB 162 Replacement Blade Part No.: 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. (inch)	Cable O.D. (mm)	Insulation Thickness	Cutting Blade	Ringing Blade
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.
- Replacement Blade: CB 267 (Part No.: 42293)
- Length: 9.25 in. (235 mm)
- Weight: 1.8 lbs (816 g)
- Part No.: 42290

WS-MSES

Mid-Span Tool for Primary Tap Wire

- Mid-span and end stripping tool for fast and efficient removal of polyethylene covering on primary voltage tap 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

Cable Size	Insulation Thickness	Part Number
#2	110 mil	37388
#4	110 mil	37380
#4	150 mil	37715
#6	110 mil	37384

- Replacement Blade: CB 223 Part No.: 37111
- **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)

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.
- Replacement blade: CB 100 Part No.: 34294
- Length: 16.5 in. (419 mm)
- Weight: 2.1 lb (953 g)
- Part No.: 34360

RCS-114, RCS-158

Round Cable Strippers

- Two tools 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
- RCS-114 for smaller diameter cables: 0.178 to 1.14 in. (4.5 - 29 mm)
- RCS-158 for larger diameter cables: 0.75 to 1.58 in. (19 - 40 mm)
- 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 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
- Replacement blade (RCS-114 and RCS-158): CB 231
- Length: RCS-114 - 5.43 in. (138 mm)
  RCS-158 - 6.02 in. (153 mm)
- Weight: RCS-114 - 3.5 oz (100 g)
  RCS-158 - 3.84 oz (110 g)
- RCS-114 Part No.: 37140
- RCS-158 Part No.: 37145

FOKC

Copper Shield Cutter

- 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
- Length: 5.75 in. (146 mm)
- Weight: 2.5 oz (72 g)
- Part No.: 36495

MK04

Cable Jacket Stripper

- 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

Model	Cable Size Range Inches O.D.	Cable Size Range mm O.D.	Part No.
MK04	0.79 in. to 2.36 in.	20 to 60	39376

- Replacement Fixed Blade Assembly – Part No.: 39379
- Replacement Fixed Blade Cartridges (FC2) - 39377 & (FC3) - Part No.: 39378
- Weight: 1.5 lbs (680 g)
- Size: 3.7 x 1.7 (head) x 9.8 in. (95 x 42 x 250 mm)

WS 64 SERIES

Adjustable Cable Stripper

CB 50K
(Part# 37284)

CB 236
(Part# 37299)

- **"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)

Available Purchase Configurations (blades are interchangeable):

Model	Function	Installed Blade	Part No.
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 • Outer jackets up to 2.5 in. OD (63.5 mm) • 175 mil (4.4 mm) maximum insulation / covering thickness (15 Kv)	CB 236	37297
WS 64-U-EM	End Strip and Mid Span Stripping	CB 50K Installed; CB 236 included	37295
WS 62-U-M260		CB260	37174

AJS

Adjustable Jacket Slitter

- Professional-grade slitter designed for longitudinal, circumferential (ringing), and mid-span splitting of corrugated aluminum or copper shield cables, medium-density polyethylene (MDPE), and high-density polyethylene (HDPE) conduits
- Precision-ground tool steel blade
- Adjustable blade depth allows slitting of coverings of up to 1/4 in. (6.3mm) thick
- Blade fully retracts inside body for storage
- Cam-adjustable lever allows blade dig-in in mid-span application
- Lever teeth designed for soft and hard jacket/covering applications
- Longitudinal slitting of cable/duct ranging from 1/2 in. (12.7mm) to larger sizes
- Circumferential slitting of cable/duct ranging from 1-1/2 in. (12.7 mm) to larger sizes
- Window cutout to access fibers inside duct ranging from 1-1/2 in. (38 mm) to larger sizes
- Replacement blade: CB 276
- Part No.: 43265
- Dimensions: 8.7 x 2 x 1.5 in. (221 x 52 x 39 mm)
- Weight: 11 oz (318g)
- Part No.: 43240

WS 50 SERIES

Adjustable URD End Stripper

- For 1/0 AWG to 1000 MCM 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.
- Replacement blades:
  CB 50A – Standard Reach blade Part No.: 30712 produces a smaller cut
  CB 50 – Long Reach blade Part No.: 30703 produces a wider cut
- Length: 14.5 in. (368 mm) • Weight: 2.1 lb (953 g)
- WS 50 Part No.: 30700 • WS 50A Part No.: 30713

ALSO AVAILABLE: Retrofit Kit - Part No. 34730
Adds precision adjustment feature to your WS 50

WS 61

Adjustable URD Jacket Stripper

- For stripping encapsulated jackets of #2 AWG to 1000 MCM 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.
- Replacement blade: CB 155K Part No.: 34733
- Length: 14.5 in. (368 mm)
- Weight: 2.1 lb (953 g)
- Part No.: 34720

WS 67 SERIES

Metallic Sheath Removal Tools

- 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.
- Replacement Blades: CB 98 Part No.: 28201
- WS 67 Part No.: 28215-1

Model	Cable O.D. Range (inch)	(mm)	Replacement Blade	Length	Weight
WS 67	0.55 to 2.25	14.0 to 57.2	CB 98	10 in. (254 mm)	2 lbs (908 g)

WS 49 SERIES

Airport Lighting Cable End Stripper / Penciller

- 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 No.: 19207) CB 94, pencil (Part No.: 27702) CB 94H, pencil #4 and #6 airport lighting cable (Part No.: 27714)
- Length: 3.5 in. (89 mm) Diameter: 1.5 in. (38 mm)
- Weight: 10 oz (284 g)
- WS 49 Part No.: 27700
- WS 49H Part No.: 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 URD 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
- Metric versions available (see table below)
- Convertible to a fixed setting
- Made in the U.S.A.
- Replacement blade: Part No.: 34230
- Length: 9.4 in. (239 mm)
- Weight: 13 oz (369 g)

Removal of Soft Rubber Jackets

Model	Cable O.D. Range	Part No.
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.)

Metric Banana Peelers

Model	Cable O.D. Range	Part No.
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 Semi-Con

Model	Cable O.D. Range	Part No.
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 - 1.30 in. (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.

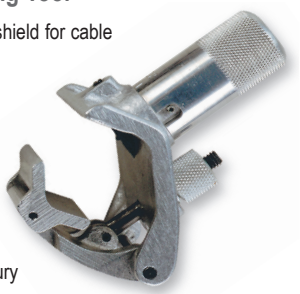
SCS

Semi-con Scoring Tool

- Easy and precise blade adjustment from 0 to 0.16 in (0-4 mm) depth
- 0.002 in. incredments for accurate semi-con scoring
- Accomodates cable ranges of 0.31 in. - 1.77 in. (8 mm - 45 mm)
- 2 in. 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
- Easily mounts on the cable
- Patent Pending
- Made in the U.S.A.
- Length: 4.73 in. (120.1 mm)
- Weight: 0.61 lb (0.27 kg)
- Part No.: 43625 (metric), 43630 (inch)

WS 15

Adjustable Semi-con Scoring Tool



- For strippable semi-con insulation shield for cable O.D.s up to 1.75 in. (44.45 mm)
- Blade can be preset for any shield thickness
- Peelable in one continuous piece
- Scores in helical, spiral pattern approx. 1/2 in. (12.70 mm) wide
- Guarded cutting blade prevents injury
- Made in the U.S.A.
- Replacement blade: CB 16 (Part No.: 10817)
- Length: 4 in. (101.6 mm)
- Weight: 9 oz (255 g)
- Part No.: 10800

Model	Cable O.D. Range (inch)	(mm)	Score Depth (mils)	(mm)
WS 15	.688 - 1.750	17.48 - 44.45	1 to 125	.025 - 3.175

WS 15-FA

Fine Adjustable Semi-con Scoring Tool

- For strippable semi-con insulation shield for cable O.D.s up to 1.75 in. (44.45 mm)
- Blade depth can be easily set with a turn of dial
- Peelable in one continuous piece
- Scores in helical, spiral pattern approx. 1/2 in. (12.70 mm) wide
- Guarded cutting blade prevents injury
- Made in the U.S.A.
- Replacement blade: CB 16 (Part No.: 10817)
- Length: 4 in. (101.6 mm)
- Weight: 12 oz (340 g)
- Part No.: 10860

Model	Cable O.D. Range (inch)	(mm)	Score Depth (mils)	(mm)
WS 15-FA	.688 - 1.750	17.48 - 44.45	0 to 90	0 - 2.3

WS 76

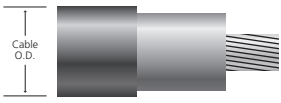
Semi-con Shaving Tool

- 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 (spiral action)
- Precision ground blade provides a 20° chamfer cut finish at the semi-con end
- Precision blade adjustment in 0.1 mm 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
- Length – 140.3 mm (5.52 in.)
- Weight – 454 g (1 lb)
- Part No. 43580
- Kit with case Part No.: 43560, Replacement blade Part No.: 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 No.: 20700
- WS 9C Part No.: 28215



Ordering Information

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

Model	Cable O.D. Range (inch)	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

- CB 40X Replacement Blade Part No.: 21715
- CB 98 Replacement Blade Part No.: 28201

WS 5 SERIES

End Strippers

WS 5

- 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*
- 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
- Made in the U.S.A.
- Model WS 5B available to strip from 3/4 in. up to 5-3/4 in. lengths (Part No.: 37710)
- Length: 6 in. (152 mm) • Weight: 1 lb (454 g)

Stop bar with drill adapter

* See instruction sheet for detailed information

Ordering Information: Choose tool and bushing (below)

Model	Part No.	Insulation Materials	Insulation Thickness Max. (mils)	Replacement Blade	Rotating Stop Bar
WS 5	10327	XLPE or EPR	400	CB 7-2	10346
WS 5 DA	10336	XLPE or EPR	400	CB 7-2	10337

• CB 7-2 Replacement Blade Part No.: 10324

Adjustable End Strippers

WS 5A

- Upgraded model of the WS 5
- Same basic function as the WS 5 Model plus:
  - New adjustable strip stop with rotary mechanism eliminates the need for hex wrench
  - New adjustment window, with inch and metric readings allows easy setting of stop for precise strip lengths
    - Strip lengths from 0.625 in (15.9 mm) up to 2.5 in maximum (63.5 mm)
      - For 600 volt to 35 KV cables
        - 0.260 to 1.265 in (6.60 to 32.13 mm) Cable O.D.
        - Strips XLPE, polyethylene, and EPR* insulation up to 400 mils thick
        - Precision stripping of insulation only or with semicon over insulation*

WS 5A-DA

- Ideal for primary URD cable
- Guarded cutting blade prevents injury
- Accepts SW 2 ratchet wrench for leverage
- **WS 5A-DA comes with 3/8" drill adapter**
- Drill adapter also available separately. Tools purchased prior to December 2005 require retrofit. Contact customer service or details • Made in the U.S.A.
- Length: 8 in (203 mm) • Weight: 1.2 lb (544 g)
- Replacement Blade: CB 7-2 (Part No.: 10324)
- WS 5A Part No.: 37415 • WS 5A-DA Part No.: 38750

* See instruction sheet for detailed information

WS 5 Series End Strippers

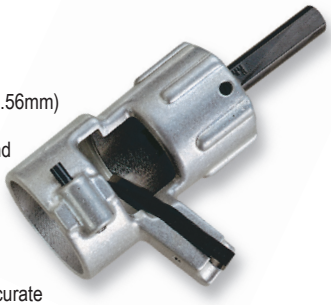
BUSHING SELECTION TABLE

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

Cable O.D. to be stripped		Bushing #	Cable O.D. to be stripped		Bushing #
(inch)	(mm)		(inch)	(mm)	
.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 - 8.51	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 5-1.000
.486 - .510	12.34 - 12.95	WS 5-.525	.986 - 1.010	25.04 - 25.65	WS 5-1.025
.511 - .535	12.98 - 13.59	WS 5-.550	1.011 - 1.035	25.67 - 26.29	WS 5-1.050
.536 - .560	13.61 - 14.22	WS 5-.575	1.036 - 1.060	26.31 - 26.92	WS 5-1.075
.561 - .585	14.25 - 14.86	WS 5-.600	1.061 - 1.085	26.95 - 27.56	WS 5-1.100
.586 - .610	14.88 - 15.49	WS 5-.625	1.086 - 1.110	27.58 - 28.19	WS 5-1.125
.611 - .635	15.52 - 16.13	WS 5-.650	1.111 - 1.135	28.22 - 28.83	WS 5-1.150
.636 - .660	16.15 - 16.76	WS 5-.675	1.136 - 1.160	28.85 - 29.46	WS 5-1.175
.661 - .685	16.79 - 17.40	WS 5-.700	1.161 - 1.185	29.49 - 30.10	WS 5-1.200
.686 - .710	17.42 - 18.03	WS 5-.725	1.186 - 1.210	30.12 - 30.73	WS 5-1.225
.711 - .735	18.06 - 18.67	WS 5-.750	1.211 - 1.235	30.76 - 31.37	WS 5-1.250
.736 - .760	18.69 - 19.30	WS 5-.775	1.236 - 1.260	31.39 - 32.00	WS 5-1.275
			1.261 - 1.285	32.03 - 32.64	WS 5-1.300

WS 6 SERIES

End Strippers



- For 15 to 46 KV cables
- .900 to 2.030 in. (22.86 to 51.56mm) cable O.D.
- Strips XLPE, polyethylene and EPR insulation*
- Precision 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)

* See instruction sheet for detailed information

Stop bars with drill adapter

WA 1 wrench adapter (Part No.: 12920)

WA 3 wrench adapter (Part No.: 12930)

Ordering Information: Choose tool and bushing (below)

Model	Part No.	Strip Length (inches)	Strip Length (mm)	Replacement Blade	Rotating Stop Bar
WS 6	12900	1/2 - 2 7/16	12.70 - 61.90	CB 8-2	12928
WS 6 with WA 1	12917	1/2 - 2 7/16	12.70 - 61.90	CB 8-2	12928
WS 6 with WA 3	12918	1/2 - 5 1/2	12.70 - 139.70	CB 8-2	12931
WS 6DA	12950	1/2 - 2 7/16	12.70 - 61.90	CB 8-2	12953
WS 6DA with WA 1	12951	1/2 - 2 7/16	12.70 - 61.90	CB 8-2	12953
WS 6DA with WA 3	12952	1/2 - 5 1/2	12.70 - 139.70	CB 8-2	12954

- CB 8-2 Replacement Blade Part No.: 12903

WS 6 Series End Strippers

BUSHING SELECTION TABLE

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

Cable O.D. to be stripped (inch)	Cable O.D. to be stripped (mm)	Bushing #	Cable O.D. to be stripped (inch)	Cable O.D. to be stripped (mm)	Bushing #
0.961 - 0.985	24.41 - 25.02	WS 6-1.000	1.436 - 1.460	36.47 - 37.08	WS 6-1.475
1.986 - 1.010	25.04 - 25.65	WS 6-1.025	1.461 - 1.485	37.11 - 37.72	WS 6-1.500
1.011 - 1.035	25.68 - 26.29	WS 6-1.050	1.486 - 1.510	37.74 - 38.35	WS 6-1.525
1.036 - 1.060	26.31 - 26.92	WS 6-1.075	1.511 - 1.535	38.38 - 38.99	WS 6-1.550
1.061 - 1.085	26.95 - 27.56	WS 6-1.100	1.536 - 1.560	39.01 - 39.62	WS 6-1.575
1.086 - 1.110	27.58 - 28.19	WS 6-1.125	1.561 - 1.585	39.65 - 40.26	WS 6-1.600
1.111 - 1.135	28.22 - 28.83	WS 6-1.150	1.586 - 1.610	40.28 - 40.89	WS 6-1.625
1.136 - 1.160	28.85 - 29.46	WS 6-1.175	1.611 - 1.635	40.92 - 41.53	WS 6-1.650
1.161 - 1.185	29.49 - 30.10	WS 6-1.200	1.636 - 1.660	41.55 - 42.16	WS 6-1.675
1.186 - 1.210	30.12 - 30.73	WS 6-1.225	1.661 - 1.685	42.19 - 42.80	WS 6-1.700
1.211 - 1.235	30.76 - 31.37	WS 6-1.250	1.686 - 1.710	42.82 - 43.43	WS 6-1.725
1.236 - 1.260	31.39 - 32.00	WS 6-1.275	1.711 - 1.735	43.46 - 44.07	WS 6-1.750
1.261 - 1.285	32.03 - 32.64	WS 6-1.300	1.736 - 1.760	44.09 - 44.70	WS 6-1.775
1.286 - 1.310	32.66 - 33.27	WS 6-1.325	1.761 - 1.785	44.73 - 45.34	WS 6-1.800
1.311 - 1.335	33.30 - 33.91	WS 6-1.350	1.786 - 1.810	45.36 - 45.97	WS 6-1.825
1.336 - 1.360	33.93 - 35.54	WS 6-1.375	1.811 - 1.835	46.00 - 46.61	WS 6-1.850
1.361 - 1.385	34.57 - 35.18	WS 6-1.400	1.836 - 1.860	46.63 - 47.24	WS 6-1.875
1.386 - 1.410	35.20 - 35.81	WS 6-1.425	1.861 - 1.885	47.27 - 47.88	WS 6-1.900
1.411 - 1.435	35.84 - 36.45	WS 6-1.450			

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) (in.)	(mm)	Tool Diameter (in.)	(mm)	Weight (oz)	(g)	Part
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 (in.)	(mm)	Tool Diameter (in.)	(mm)	Weight (oz)	(g)	Part No.
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

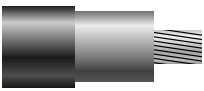
Motorized Semi-con URD Shield Removal

- 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

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 Shaving Bushing	O.D. Over Semi-Con		Replacement Blade
	(in.)	(mm)	
MSBA	.600 - .885	15.24 - 22.48	CB 43 (Part No.: 17918)
MSBB	.840 - 1.140	21.34 - 28.96	CB 43 (Part No.: 17918)
MSBC	1.095 - 1.380	27.81 - 35.05	CB 43 (Part No.: 17918)
MSBD	1.335 - 1.485	33.91 - 37.72	CB 43 (Part No.: 17918)
MSBD-1	1.495 - 1.635	37.97 - 41.53	CB 43-1 (Part No.: 17951)
MSBE	1.560 - 1.650	39.62 - 41.91	CB 43-1 (Part No.: 17951)
MSBE-1	1.660 - 1.905	42.16 - 48.39	CB 43-2 (Part No.: 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

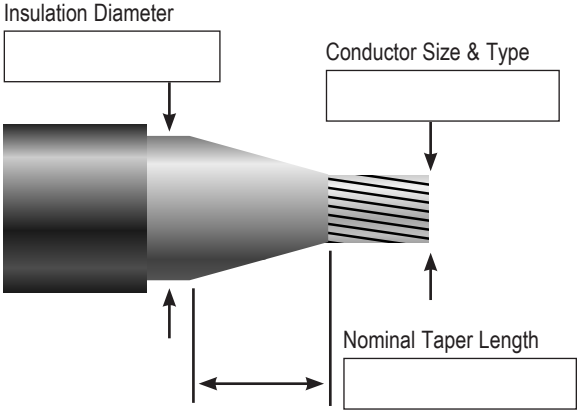
MSBA Adapter Sleeve Part # 17938-(in.)		MSBB Adapter Sleeve Part # 17939-(in.)		MSBC Adapter Sleeve Part # 17940-(in.)		MSBD Adapter Sleeve Part # 17941-(in.)		MSBE Adapter Sleeve Part # 17942-(in.)	
(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)
.610	15.49	.850	21.59	1.105	28.07	1.345	34.16	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

URD PENCILLING TOOLS

- For 5 to 35 KV URD cables
- #8 to 1000MCM (10 mm^2 to 500 mm^2) 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)

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)



Model	Base Part No.	Max. Cable Size	Standard Nominal Taper Length (in.)	(mm)	Replacement Blade
WS 7A	16610	8 to 1000MCM	1.5	38.1	CB 5B (Part No.: 10919)
WS 8A	16620	8 to 1000MCM	1.5	38.1	CB 5B (Part No.: 10919)
WS 7	10900	8 to 350MCM	2.5	63.5	CB 5 (Part No.: 10921)
WS 8	10900	8 to 350MCM	2.5	63.5	CB 5 (Part No.: 10921)

STT

Secondary Torque Tool

- Designed with factory preset torque values to ensure accuracy
- Tool available with single or dual torque settings
- Standard unit STT2030 (Part No.: 38250) has two torque settings covering 90% of secondary connectors: Maximum 30ft. lbs. and minimum 20ft. lbs.
- Comes with three 5/16 in. hex wrenches of different lengths
- Ratchet head helps tighten connectors in tight locations
- Simply reverse the wrench to loosen connectors
- Available in Insulated Head Only or Fully Insulated Tool
- Available with single torque setting on request
- Other torque settings available upon request
- Made in the U.S.A.
- Length: 9.75 in. (248 mm) • Weight: 2 lb 3 oz (1 Kg)

PIT 1T

Load Break Elbow Probe Insertion Tool with 125 in-lb torque delivery system

- 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)
- Part No.: 35150 • U.S. Patent No.: 5,605,082

PIT 2

Load Break Elbow Probe Insertion Tool

- 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 No.: 27620

LBIT-1T

Load Break Bushing Insertion Tool

- For 200 amp Bushing Inserts with internal hexagon socket drive
- **LBIT-IT** (Part No.: 35900)preset torque setting of 180 in-lb
  - LBIT-IT-125 (Part No.: 35907) preset torque setting of 125 in-lb optional
- **LBIT-ITR** (Part No.: 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)

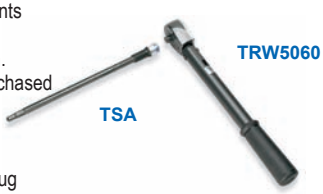
MBTT-150

Meter Base Torquing Tool

- 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 ± 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 No.: 36390

TRW5060/TSA

Torque Wrench



- For 600 ampseparable 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 Nos.: TRW5060/TSA – 38375
  TRW5060 (torque wrench only) – 38255
  TSA (torque shaft assembly) – 38290
  TSA Cooper (Torque Shaft Assembly for Cooper Power Systems Only) – Part No.: 42850

TSW-4550

Torque Spanner Wrench

- 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 over-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 No.: 35925

LPW-1

Lineman's Pole Wrench

- The LPW-1 is a drill operated tool for tightening utility line pole cross-arm and spacer bolts
- Its unique design accommodates 1 to 1-1/16 in. (17.5 mm) nuts and is drill operated to speed the job of tightening bolts
- Long body design allows approximately 5 in. (127 mm) of bolt feed-thru while still tightening the nut end
- 7/16 in. (11 mm) arbor size
- Saves valuable time and reduces line crew stress and fatigue
- Rugged, black oxide steel design for long life
- Length: 8 in. (203 mm)
- Weight: 1 lb 8 oz (680 g)
- Part No.: 37925
- Made in the U.S.A.

QC-1

Quick Clamp

- Cable clamp for use as a **stop** for jacket stripping operations
- Spring loaded jaws allow fast tightening onto cables, saving valuable time
- Suitable for cable sizes from 0.50 in. (12.7 mm) up to 2.5 in. (63.5 mm) O.D.
- Rugged, bronze casting design for years of use
- Made in the U.S.A.
- Length: 7 in. (178 mm) • Weight: 3 lb 4 oz (875 g)
- Part No.: 37470

CABLE CUTTERS

Ratchet Cable Cutter

RCC-INS

- 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
- Length: 9.37 in. (238 mm)
- Weight: 2.65 lb (1.20 Kg)
- **Model RCC-INS 1000 Volt insulated version available**
- Part No.: 34924
- Weight: 2.5 lb (1.13 Kg)
- RCC Replacement Blade Part No.: 34923
- **RCC** Part No.: 34925

RCC

Rachet ACSR Cable Cutter

RACSR

- Tool cuts aluminum and copper ACSR type cable up to 750 MCM
- 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**
- Length: 19 in (483 mm)
- Weight: 4.25 lbs (1.93 kg)
- Part No.: 38000

Cable Cutter

RCC 1000

- Tool cuts up to 1000 MCM 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**
- Length: 19.5 in (495 mm)
- Weight: 4.5 lbs (2.04 kg)
- Part No.: 42305

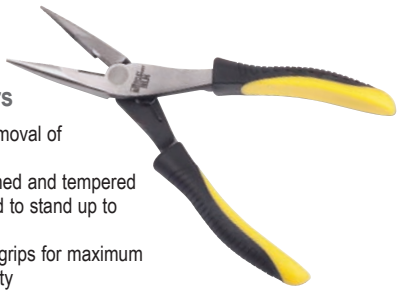
UCC

Utility Cutter

- Specialty cutter for a range of wire sizes in electrical and telecommunications applications. Suitable for:
  - 4/0 aluminum conductor (107.2mm^2)
  - 2/0 copper conductor (67.4mm^2)
  - Up to 100 pair telephone
- High leverage cutting action
- Tool steel design with specially honed cutting blade
- 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 No.: 37680

RLN

Long Nose Pliers



- Designed for the removal of semi-con
- Drop-forged, hardened and tempered steel alloy, designed to stand up to rugged use
- Soft ribbed molded grips for maximum comfort and durability
- Unique torsion spring for one handed operation (spring can be easily removed if preferred)
- Tool halves are perfectly matched and hot riveted providing smooth handle operation
- Ideal for cutting and working with small soft-core wire gauges in small confined areas
- Length: 8.5 in. (216 mm)
- Weight: 8 oz (227 g)
- Part No.: 35489

WS 9D, WS 9E

Transmission Semi-con Shaving Tools

- For shaving bonded semi-con from transmission voltage cables
- Radius or taper cut of semi-con shield
- Shaves in a helical, spiral pattern
- Aluminum Oxide Kit (TK 1) can be used for additional smoothing
- Made in the U.S.A.
- Length: 16.2 in. (411 mm)
- Weight: 2.74 lb (1244 g)
- WS 9D Part No.: 38035
- WS 9E Part No.: 28215-3

WS 9D

Model	Cable O.D. Range (in.)	Cable O.D. Range (mm)	Style of Cut	Replacement Blade
WS9D	1.90 to 3.625	48.3 to 92.1	Radius Cut	CB 40X (Part No.: 21715)
WS9E	1.90 to 3.625	48.3 to 92.1	Taper Cut	CB 98 (Part No.: 28201)

WS 9S SERIES

Semi-con Shaving Tools

- For shaving bonded semi-con cables
- Radius or taper cut of semi-con shield
- Shaves in a helical, spiral pattern
- Aluminum Oxide Kit (TK 1) can be used for additional smoothing
- Made in the U.S.A.
- Length: 8 in. (200 mm)
- Weight: 1.9 lb (860 g)
- WS 9S Part No.: 38430
- WS 9S-T Part No.: 38435

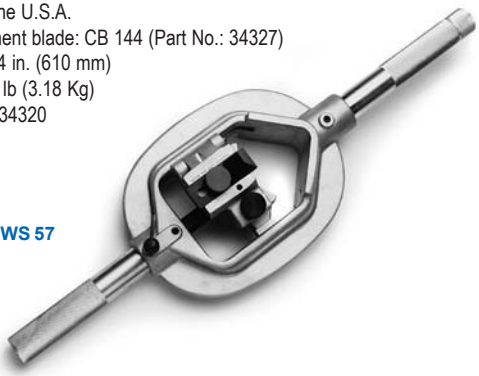
WS 9S

Model	Cable O.D. Range (in.)	Cable O.D. Range (mm)	Style of Cut	Replacement Blade
WS9S	0.50 to 2.50	12.7 to 63.5	Radius Cut	CB 40X (Part No.: 21715)
WS9S-T	1.80 to 2.50	45.7 to 63.5	Taper Cut	CB 98 (Part No.: 28201)

WS 57 SERIES

Adjustable End Stripper/Jacket Stripper

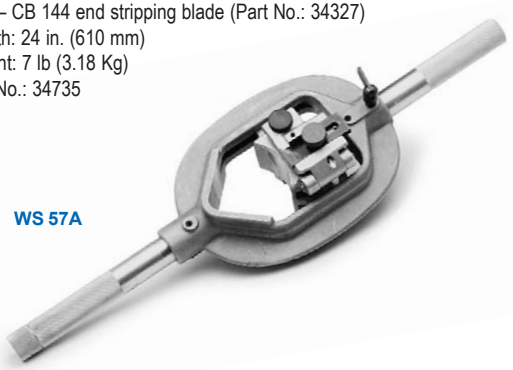
- For 45 to 115 KV cables
- 2.0 to 4.25 in. (50.80 to 108.00 mm) cable O.D.
- Quick-slide adjustment for cable sizing
- Easy setting of blade cutting depth
- For XLPE, polyethylene and EPR insulations
- Blade angle adjusts easily to control width of end strip cut
- Made in the U.S.A.
- Replacement blade: CB 144 (Part No.: 34327)
- Length: 24 in. (610 mm)
- Weight: 7 lb (3.18 Kg)
- Part No.: 34320



WS 57

Adjustable End Stripper/ Jacket Stripper and Semi-con Shaver

- 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 No.: 21715)
  - CB 144 end stripping blade (Part No.: 34327)
- Length: 24 in. (610 mm)
- Weight: 7 lb (3.18 Kg)
- Part No.: 34735



WS 57A

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
- Replacement Blade CB265 (Part No.: 42042)
- Made in the U.S.A.
- Length: 17.5 in. (444 mm)
- Weight: 3.3 lbs (1.5 kg)
- Part No.: 42040

HIGH VOLTAGE PENCILLING TOOLS

- For transmission and distribution cables
  - WS 16 for 35 to 69 KV cables, 1/0 to 1000MCM
  - WS 17 for 35 to 46 KV cables, 1/0 to 750MCM
  - WS 14A for 69 to 238 KV cables, cable sizes to 2000MCM plus
- 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. Use Model WS 50, WS 57, WS 57A or WS 13B end strippers. Use WS 9A/9C, WS 40, WS 51, WS 51A or WS 57A to remove semi-con shield prior to pencilling

WS 14A

WS 17

WS 16

Model	Operation	Replacement Blade	Taper Length (in.)	Taper Length (mm)	Tool Length (in.)	Tool Length (mm)	Approx. Weight (lb)	Approx. Weight (Kg)
WS 16 Part No. 20432	Plastic Handles	CB 5B Part No. 10918	2	50.80	8	203.20	6	2.70
WS 16 Part No. 20433	Plastic Handles	CB 5B-4 Part No. 13402	2 - 4	50.80 - 101.60	8	203.20	6	2.70
WS 17 Part No. 13400	wrench SW 2	CB 5B-4 Part No. 13402	4	101.60	8	203.20	3	1.35
WS 14A Part No. 10840	wrench SW 4	CB 15A - 4 Part No. 11824	4	101.60	13 to 20 depending on taper length	330.20 to 508.00 depending on taper length	15 average	6.80 average
WS 14A Part No. 10841	wrench SW 4	CB 15A - 6 Part No. 11822	4 - 6	101.60 - 152.40				
WS 14A Part No. 10842	wrench SW 4	CB 15A -8 Part No. 11823	6 - 8	152.40 - 203.20				
WS 14A Part No. 10843	wrench SW 4	CB 15A - 10 Part No. 11815	8 - 10	203.20 - 254.00				
WS 14A Part No. 10844	wrench SW 4	CB 15A - 12 Part No. 11816	10 - 12	254.00 - 304.80				
WS 14A Part No. 10845	wrench SW 4	CB 15A - 14 Part No. 11817	12 - 14	304.80 - 355.60				

Ordering Information

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

Accessories

WA 1
Wrench Adapter
(Part No.: 12920)

URD Bag
(Part No.: 36312)

WA 3
Wrench Adapter
(Part No.: 12930)

SW 2
Ratchet Wrench
(use with WS 5, WS 6)
(Part No.: 10500)

AR 9
Allen Wrench Set
(Part No.: 11000)

HS 1
Honing Stone Set
(Part No.: 15460)

Super Stripper Tool Case
13" x 10" x 4.5"
(330 x 254 x 114 mm)
(Part No.: 34687)

TC 104
Blue Metal Tool Chest
29.5" x 11.5" x 14"
(749 x 292 x 356 mm)
(Part No.: 21777)

Standard NEC and AEIC Cable Dimensions

Concentric Stranding

Conductor Sizes Copper/Aluminum		175 mils – 15KV Diameter		220 mils – 15KV Diameter		260 mils – 25KV Diameter		345 mils – 35KV Diameter	
Size Awg or MCM	Nominal O.D. (inches)	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 Insulation (±50 mils)
(solid)2	0.258	670	770	760	860	-	-	-	-
2	0.292	700	800	790	890	-	-	-	-
(solid)1	0.289	700	800	790	890	870	970	-	-
1	0.332	740	840	830	930	910	1010	-	-
(solid)1/0	0.325	735	835	825	925	905	1005	1075	1195
1/0	0.373	785	885	875	975	955	1055	1125	1245
2/0	0.418	830	930	920	1020	1000	1100	1170	1290
3/0	0.470	880	980	970	1070	1050	1170	1220	1340
4/0	0.528	940	1040	1030	1130	1110	1230	1280	1400
250	0.575	995	1095	1085	1205	1175	1295	1350	1470
350	0.681	1100	1220	1190	1310	1280	1400	1455	1575
500	0.813	1235	1355	1325	1445	1415	1535	1590	1750
600	0.893	1325	1445	1415	1535	1505	1625	1680	1840
700	0.964	1395	1515	1485	1605	1575	1735	1750	1910
750	0.998	1430	1550	1520	1640	1610	1770	1785	1945
800	1.031	1460	1580	1550	1710	1640	1800	1815	1975
900	1.094	1525	1645	1615	1775	1705	1865	1880	2040
1000	1.152	1580	1740	1670	1830	1760	1920	1935	2095

600 Volt Secondary Cables

Conductor Size Awg or MCM	THHN/ THWN Insulation (mils)	THHN/ THWN NEC–OD	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	.290
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	.882	.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		175 mils – 15KV Diameter		220 mils – 15KV Diameter		260 mils – 25KV Diameter		345 mils – 35KV Diameter	
Size Awg or MCM	Nominal O.D. (inches)	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 Insulation (±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

Compressed Stranding

Conductor Sizes Copper/Aluminum		175 mils – 15KV Diameter		220 mils – 15KV Diameter		260 mils – 25KV Diameter		345 mils – 35KV Diameter	
Size Awg or MCM	Nominal O.D. (inches)	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 Insulation (±50 mils)
2	0.283	695	795	785	885	-	-	-	-
1	0.322	730	830	820	920	900	1000	-	-
1/0	0.362	770	870	860	960	940	1040	1110	1230
2/0	0.405	815	915	905	1005	985	1085	1155	1275
3/0	0.456	865	965	955	1055	1035	1155	1205	1325
4/0	0.512	920	1020	1010	1110	1090	1210	1260	1380
250	0.558	980	1080	1070	1190	1160	1280	1335	1455
350	0.660	1080	1200	1170	1290	1260	1380	1435	1555
500	0.789	1210	1330	1300	1420	1390	1510	1565	1725
600	0.866	1295	1415	1385	1505	1475	1595	1650	1810
700	0.935	1365	1485	1455	1575	1545	1705	1720	1880
750	0.968	1400	1520	1490	1610	1580	1740	1755	1915
800	1.000	1430	1550	1520	1640	1610	1770	1785	1945
900	1.061	1490	1610	1580	1740	1670	1830	1845	2005
1000	1.117	1545	1705	1635	1795	1725	1885	1900	2060

NOTES

NOTES

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