




Cable Preparation

A close-up photograph showing a person's hands using a black and red cable stripping tool to strip a thick, dark-colored cable. The tool is being held by the right hand, with the thumb pressing down on a red adjustment knob. The left hand is holding the cable steady. The tool has a black handle with a red trigger and a red adjustment knob. The cable is being stripped, revealing a lighter-colored inner insulation layer. The background is a plain, light-colored surface. The text "Cable Preparation" is overlaid in a large, bold, black font with a white outline at the top of the image.



I. CABLE PREPARATION

264-276

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MODEL No. PSC-1 ACSR TRIMMER (MADE IN USA)

FEATURES

The PSC-1 ACSR Trimmer quickly and accurately removes the aluminium stranding from around the steel core of ACSR conductors. Made of an aluminium alloy, this tool is lightweight and durable. The cutter, bushing holder and case are sold as one unit.

The case has slots to store 10 bushings while the 11th bushing can be stored in the tool.

- Bushes are fully interchangeable with rigid #87 ACSR Trimmer Bushes.
- Weight: 4.3kg

STANDARD BUSHINGS

Model No.	Conductor Name	OD in mm
87CHERRY	CHERRY	14.30
87GRAPE	GRAPE	17.50
87PANTHER	PANTHER	21.00
87LEMON	LEMON	21.00
87LYCHEE	LYCHEE	22.80
87BEAR	BEAR	23.45
87LIME	LIME	24.50
87MANGO	MANGO	27.00
87ZEBRA	ZEBRA	28.62
87ORANGE	ORANGE	29.30
87OLIVE	OLIVE	31.50

NOTE

- Other size bushes can to suit the PSC-1 ACSR Trimmer can be manufactured to order.
- Replacement Cutter Wheel: Model No. 54270.
- Full range of spare parts to suit PSC-1 are available on request



AMS SERIES UNIVERSAL CABLE STRIPPERS (MADE IN ITALY)

FEATURES

For stripping the outer sheath from all MV and LV cables. Suitable for work on live parts up to 1000V AC and 1500V DC (model AMS 1000V).

Designed to strip up to 5mm thick outer sheaths from all MV and LV cables with minimum 25mm outside diameters (limitation only for circular cuts). Suitable for work on live parts up to 1000V AC and 1500V DC (Model AMS 1000V - Model No. 17130 only).

- Longitudinal and circular cuts
- Designed to strip both ends and in the middle
- Depth adjustment from 0 to 5mm
- Stripping without damaging conductor or screen
- Interchangeable two-sided blade
- Easy stripping down to -10°C
- Snap closure mechanism (AMS only)
- Model AMS 1000V is also designed for very low temperature uses, down to -40°C

Applications



LV cable with PVC insulation



MV cables with polyethylene insulation



MV cables with PVC outer insulation



Telecommunications cables

intercable



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Picture



Model No.

AV6220

17130

AV6299

Details

AMS

AMS 1000V Insulated

AMS Replacement Blade

Supplied With

Sturdy case to contain the tool and its instructions for use

Weight (kg)

0.2

0.2

0.1

Dimensions (mm)

160x35x65

170x50x75

N/A

I CABLE PREPARATION

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STRIPPER & 1000V INS KNIFE – OUTER SHEATH

OUTER SHEATH CABLE STRIPPER (MADE IN ITALY)

Model No. AE6210 (MSU)

FEATURES

Designed to strip outer sheaths with a thickness up to 5mm of LV/MV cables with outside diameters from 25 to 60mm.

- Circular and helical cuts
- Positioned on the cable using a vice system
- Operates by simply rotating it around the cable axis
- Designed to strip both ends
- Cut depth from 0.5 to 5mm
- Interchangeable blade
- Easy stripping down to -10°C

Model No.	AE6210
Weight (kg)	0.9
Dimensions (mm)	290 x 110 x 90
Replaceable blade	AE6219

ITEMS INCLUDED IN KIT

- Special MSU cable stripper
- Cable knife - AV3910
- Imitation leather case

intercable



1000VAC INSULATED KNIVES (MADE IN ITALY)

High quality 1,000VAC cable stripping knives manufactured to IEC60900.



AV3920



- Special stripping blade shape
- No cutting of conductor wires



2887 00



Model No.	Description	Insulation Rating (VAC)	Blade Length (mm)	Length (mm)
AV3920	Insulated Stripping Knife with Shock Proof Material Blade with Replaceable Blade with Flip Blade Protector	1,000	50	185
AV3921	Spare Blade for AV3920	n/a	50	50
2887 00	Insulated Hook Sheath Stripping Knife with Flat Guide on Blade Tip to Prevent Damage to Conductor Strands, Supplied with Removable Cap	1,000	47	175

AIS SERIES OUTER & INNER CABLE SHEATH STRIPPER

Designed to Cut & Remove the Outer Plastic Sheath.

- Cuts and removes outer plastic sheaths up to 5mm thick, on LV & MV cables having diameter within the range of 16-54mm
- Ideally suited for removal of outer waterproof sheathing on MV cables
- Hooked blade for removal of the cut sheath
- Purpose built tool for making round and longitudinal cuts with minimal effort
- Ratchet lever moves tool in both directions longitudinally with no danger of personal injury
- 2 component handles
- Can be used in temperatures down to -40°C
- Colour coded and easy to change plastic spacer rings allow the cutting depth to be adjusted in steps of 0.5mm
- Complies to EN 60900 and useful for live work up to 1000VAC and 1500VDC



Step 1



Step 2



Step 3



Step 4

SET CONTENTS

- AIS Cable Stripper
- Plastic Case
- Longitudinal feed lever
- Plastic Spacer Rings (for cutting depth adjustment 0.5 - 5mm)
- 2 spare screws to secure the cutting blade

SPECIFICATIONS

Model No.	Description	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
17190	Cable Stripper 16mm (Set)	390	330	90	2.0
17195	Replacement blade				

intercable



CABLE PREPARATION TOOLS (MADE IN ITALY)

MODEL No. 17170 OVERHEAD CABLE INSULATION STRIPPER

intercable



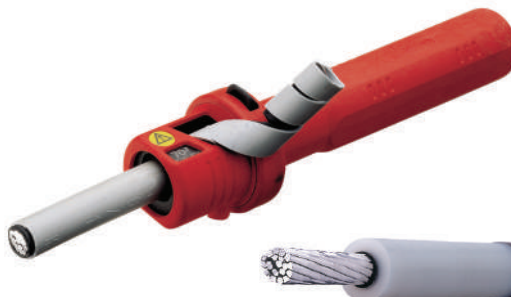
1717 0 Kit



1717 1 Handle



1717 ... Insert



Norm: EN 10020   **C 1000V**
ENIEC60900:2004

**Designed to strip single core cables 6 - 150 mm².
Suitable for live working up to 1000VAC or 1500DC.**

- Stripping length adjustable from 20-80mm
- Insulated handle with bayonet connection
- Stripping inserts for cross sections from 6-150mm²
- Cutting direction indicated by an arrow on the insert
- Interchangeable, hardened blade
- Insulation in compliance with EN/IEC 60900:2004
- Can be used to -40°C



Model No.	Description	Dimensions (mm)	Weight (kg)
1717 0	FSI 150 Complete Set	235x200x55	0.90
Above Kit Contents & Spares			
1717 1	Insulated Handle	-	-
1717 016	Stripping Insert 16mm ²	-	-
1717 025	Stripping Insert 25mm ²	-	-
1717 035	Stripping Insert 35mm ²	-	-
1717 050	Stripping Insert 50mm ²	-	-
1717 054	Stripping Insert 54.6mm ²	-	-
1717 070	Stripping Insert 70mm ²	-	-
1717 9	Spare Blade Each (3 in kit)	-	-
1717 0	Hollow Hex Wrench 2.5mm	-	-
128935	Plastic Case & Foam Insert	-	-
Additional Inserts Also Available			
1717 006	Stripping Insert 6mm ²	-	-
1717 010	Stripping Insert 10mm ²	-	-
1717 095	Stripping Insert 95mm ²	-	-
1717 150	Stripping Insert 150mm ²	-	-

MODEL No. AE 6200 INSULATED WIRE STRIPPER

Designed to strip flexible single-pole cables with 2.5/4/6mm² cross sections and rigid single-pole cables with 10mm cross sections. Suitable for live working up to 1000VAC or 1500VDC.

- Stripping depth 20mm maximum
- Blade built into the tool
- Cutting direction indicated by an arrow
- Insulation in compliance with EN/IEC 60900:2004
- Range of application to -10°C
- Supplied in nylon case

Model No.	Description	Dimensions (mm)	Weight (kg)
AE 6200	FSI Set	170x55x50	0.15



Norm: EN 10020   **C 1000V**
ENIEC60900:2004

CABLE PREPARATION TOOLS (MADE IN ITALY)

MODEL No. 1722 1 SEMI-CONDUCTOR SCREEN REMOVAL TOOL

For removal of the vulcanised semi-conducting screen up to 1.5mm thick on medium and high voltage cables with thicknesses of insulation in the range 10-52mm.

- Anodised Aluminium construction provides an extremely light and robust tool
- Contact surfaces are coated to provide low frictional resistance
- The change over lever allows activation/de-activation of axial movement
- Removal of the screen can start or stop at any point required
- Axial movement in both directions possible
- The shape of the blade ensures that the end of the screen layer will always be conical
- Blade of tempered steel
- Cutting depth using special blade with stripping depth with cone from 0 till 1,5 mm adjustable
- Cutting depth can be limited or blocked
- Very small rotation of 220mm OD max.
- Shaved screen deflected away using the guiding device on the tool

Model No.	Description	Dimensions (mm)	Weight (kg)
1722 0	FBS Complete Set	235x200x55	0.80
Above Kit Contents (Components Not Sold Separately)			
1722 1	Stripper Only	-	-
AG1013	Silicone Gel	-	-
1710 0	Hollow Hex Wrench 2.5mm	-	-
128930	Plastic Case	-	-
Spares			
1714 2	Replaceable Blade	-	-

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I CABLE PREPARATION

MODEL NO. HLS NON-VULCANIZED SEMI-CONDUCTIVE CABLE STRIPPER

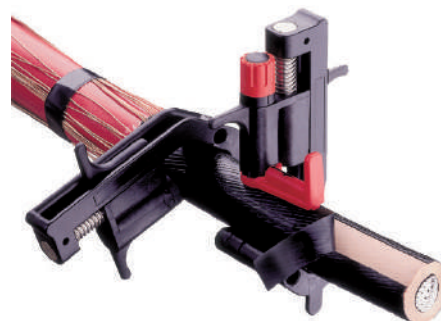
Designed to strip the non-vulcanized semi-conductive layer of MV cables - 16-41mm OD.

- Longitudinal, helical & circular cuts
- Positioned on the cable like a vice system
- Stop clamp to limit the stripping length
- Step-by-step depth adjustment from 0-0.9mm
- Cutting depth can be increased to 2mm by moving reference 0
- Easy stripping down to -10°C



Kit Inclusions

HLS - AV6410
Stop Clamp – AV6411
Tube of Silicone Grease – AG1013
Rigid Case



Model No.	AV6400
Weight (kg)	0.6
Dimensions (mm)	250 x 160 x 55
Cable Application Range (mm OD)	16 – 41
Insulation Thickness (mm)	0 – 2
Max. Rotating Diameter (mm)	130
Replaceable Blade Model No.	AV6499

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CABLE PREPARATION TOOLS (MADE IN ITALY)

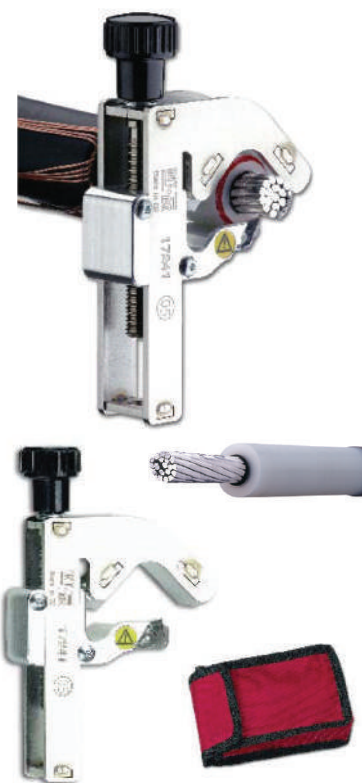
MODEL No. 17240 CHAMFER CUTTER

To make chamfer cuts of the primary insulation, of medium-voltage-cables having primary insulation diameters of 15-60mm.

- Anodised Aluminium construction provides an extremely light and robust tool
- For chamfering the primary insulation (2 chamfers of 60°)
- The clamping system locks the tool precisely on the cable
- Silicone Gel is not required
- Replaceable hardened steel blade
- Rotation diameter 220mm maximum

Model No.	Description	Dimensions (mm)	Weight (kg)
1724 0	UFS Cutter with Case	170x50x90	0.39
Above Kit Contents (Components not sold separately)			
1724 1	Cutter Only	-	0.37
Spares			
1724 2	Replacement Blade	-	-
1710 0	Hollow Hex Wrench 2.5mm	-	-

intercable



MODEL No. 17230 INTERNAL INSULATION CUTTING TOOL

For removal of the primary insulation up to 15mm insulation thickness on medium voltage cables (6-45kV) with diameters from 15-52mm.

- Anodised Aluminium construction provides an extremely light and robust tool
- Contact surfaces are coated to provide low frictional resistance
- The clamping system locks the tool precisely on the cable
- For removal of insulation at terminations
- Spiral or straight cut possible
- Forward feed can be adjusted in 5 steps
- Cutting depth selectable 0-15 mm
- Any required length of insulation can be removed. Insulation removal can be terminated at any selected point
- Replaceable hardened steel blade
- Rotation diameter max 220 mm

Model No.	Description	Dimensions (mm)	Weight (kg)
1723 0	IMS II Complete Set	275x220x65	1.00
Above Kit Contents (Components not sold separately)			
1723 1	Cutter Only	-	-
AG1013	Silicone Gel	-	-
1710 0	Hollow Hex Wrench 2.5mm	-	-
128940	Plastic Case with Foam Insert	-	-
Spares			
1723 2	Replacement Blade	-	-



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CABLE PREPARATION TOOLS (MADE IN ITALY)

MODEL No. AV6300 UNIVERSAL CABLE STRIPPING TOOL 10/20/30KV

- For stripping internal insulation coatings (MS cables) with stranded conductors
- Handle adjustable according to length of stripping replaceable cutter heads for different cross sections of insulation coatings
- Replaceable cutter heads for different wire cross sections or insulation coatings
- Custom design available
- On demand special inserts for special cable types, contact your nearest Specialised Force branch with details
- Not an insulated tool



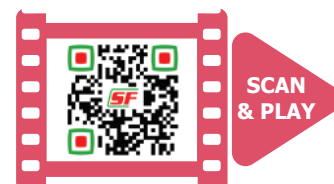
Model No.	Description	Cable Voltage (KV)	PE Coating (mm) OD	Conductor (mm) OD	Weight (kg)
AV6300	Stripping Handle (Accepts all strip inserts below)	-	-	-	0.20
AV6399	Replacement Blade Only	-	-	-	-
1716021	Strip Insert Only 25mm ²	10	15.7	7.1	0.08
1716024	Strip Insert Only 25mm ²	10	17.5	8.2	0.08
1716002	Strip Insert Only 25mm ²	10	19.0	10.7	0.08
1716013	Strip Insert Only 25mm ²	10	22.3	13/15	0.08
1716003	Strip Insert Only 25mm ²	10	22.5	13.3	0.08
1716027	Strip Insert Only 25mm ²	10	23.4	14.3	0.08
1716020	Strip Insert Only 25mm ²	10	25.4	16.2	0.08
1716006	Strip Insert Only 25mm ²	10	27.8	18.4	0.08
AV63025	Strip Insert Only 25mm ²	20	19.3	6.3	0.08
AV63035	Strip Insert Only 35mm ²	20	20.7	7.4	0.08
AV63050	Strip Insert Only 50mm ²	20	21.6	8.3	0.08
AV63070	Strip Insert Only 70mm ²	20	23.3	10.1	0.08
AV63095	Strip Insert Only 95mm ²	20	25.0	11.6	0.08
AV63120	Strip Insert Only 120mm ²	20	26.6	13.4	0.08
AV63150	Strip Insert Only 150mm ²	20	27.9	14.4	0.08
AV63185	Strip Insert Only 185mm ²	20	29.8	16.5	0.08
AV63240	Strip Insert Only 240mm ²	20	32.0	18.6	0.08
1716011*	Strip Insert Only 150Emm ²	30	29.8	14.7	0.08

* Designed for single conductor, not stranded

MODEL No. AV 6320 STRIPPING TOOL SET

- For helical stripping of the internal insulation coatings of HV-Cable
- Handle adjustable according to length of stripping
- Replaceable cutter heads for different wire cross sections or insulation coatings - only for 20kV cable
- 10kV version also available

Model No.	Description	Dimensions (mm)	Weight (kg)
AV6320	Stripping Tool Set with 11 Parts	340x260x70	1.80
Kit Contents & Spares			
Model No.	Description	Model No.	Description
128920	Plastic Case w/Foam	130007	Strip Insert Only 70mm ²
125200	Stripping Handle	130009	Strip Insert Only 95mm ²
244500	Universal Cable Stripper	130012	Strip Insert Only 120mm ²
130002	Strip Insert Only 25mm ²	130015	Strip Insert Only 150mm ²
130003	Strip Insert Only 35mm ²	130018	Strip Insert Only 185mm ²
130005	Strip Insert Only 50mm ²	130024	Strip Insert Only 240mm ²



CABLE PREPARATION TOOLS

CABLE END STRIPPING TOOL FOR CCT (COVERED CONDUCTOR THICK)



Model No.	IBST5024	IBST50400
Description	<ul style="list-style-type: none"> Used for removal of core insulation. Removes insulation 1.5-5.5mm thick. <ul style="list-style-type: none"> Cable range from 50-240mm². Long Life Blade. Instructions included. 	<ul style="list-style-type: none"> Used for removal of core insulation. Removes insulation 1.5-5.5mm thick. <ul style="list-style-type: none"> Cable range from 50-400mm². Long Life Blade. Instructions included.

NOTE: Tool is Not Designed to Strip Mid Span Conductor.

ABC END STRIPPER (4 DIFFERENT SIZES)



Model No.	ABC25	ABC95	ABC150
Description	For stripping aluminium aerial bundled conductor 25mm ² (ABC25), 95mm ² (ABC95) and 150mm ² (ABC150). NOTE: Conductor must be clean and round using circular cutters or hacksaw. Instructions Included.		
SPARE BLADE (For Both Models)	ABC/B		

SEMI-CON SCREEN SCORER



Model No.	Depth (mm)	Description
TT2352-1	0.4	For scoring semi-conductive screens on HV cables. Screen can now be removed by simply peeling away. Specified scoring depths ensure no damage to the Semi-Conductive layer.
TT2352-2	0.6	
TT2352-3	1.5	

CABLE PREPARATION TOOLS

CABLE STRIPPER



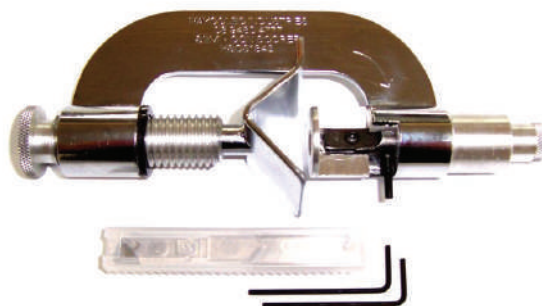
Model No.	HCS40
Description	For stripping of various round cables up to 40mm diameter. Supplied with standard sheath blade. Scoring and insulation (bevel) blades also available. Effective on water block cables. Mid span and end stripping. Instructions Included.
Replacement Parts & Accessories	HCS40/KL8532 = Stripper Sheath Blade (standard blade) HCS40/KL8534 = Stripper Scoring Blade HCS40/KL8536 = Stripper Insulation Blade (bevel)

INSULATION RIPPER STRIPPER



Model No.	IR	IR-LV
Description	Ripper stripper or safe removal of cable sheaths. Pan head stops damage to inner core and accidental cuts to the user. A safer alternative to using a knife. Instructions Included.	
Replacement Blade Model No.	IRB	IRBLV

SEMI-CON SCORER



Model No.	HSCS1342
Description	Semi-Con scorer for safe stripping of semi-conductor layer from insulation. Very fine blade adjustment to prevent unnoticed damage to insulation. Supplied with spare blades and spare hex keys for blade changing. Instructions Included.

CABLE PREPARATION TOOLS

1542-2CL Series INSULATION Stripper

FEATURES

The 1542-2CL Series Stripper is designed to remove PE, XLP, EPR and other types of insulation from high voltage power cable.

- Strips Cable insulation
- Precise blade depth adjustment
- Maximises reliability of installation
- Provides greater speed and increased safety
- No bushings required
- Instructional CD and video available

SPECIFICATIONS

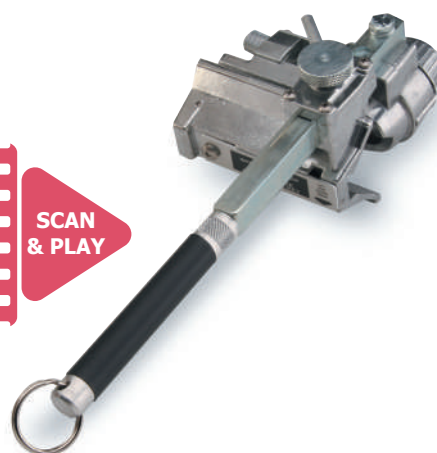
Cable O.D. 12.7 - 44.5 mm

MODELS AND ACCESSORIES

Model/Type	Description
1542-2CL - Speed Stripper	Tool with Wedge Blade Installed, spare Straight Blade
1542-2CL-1 - Speed Stripper	Tool with Wedge Blade installed, spare Wedge Blade
1542-2CL-2 - Speed Stripper	Tool with Straight Blade installed, spare Straight Blade
1562 - Wedge Blade (XLP)	
1581 - Straight Blade (EPR)	
1650X - Tool Stop	
1590X - Small cable adapter for cables 8.0 - 12.7 mm	
1646X - Scale gauge measures stripback	
Split Handle - Optional folding handle	add S to catalog number (i.e. 1542-2CL-1S)
2689 - Chamfering Tool/Scale Gauge	(2672 Replacement Chamfering Blade)



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SEMI-CON STRIPPER

1700 Series Adjustable Blade Scorer

FEATURES

The 1700 Series Semi-Con Scorers have adjustable blade depth for scoring (scribing) the semi-conductive shield of high-voltage cable so the semi-con can be removed without nicking or damaging the cable insulation.

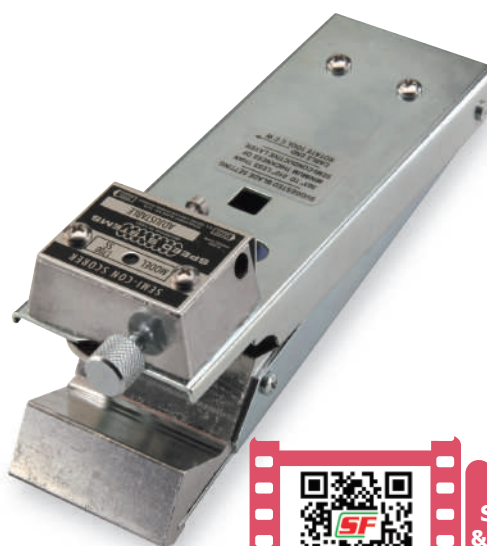
- Adjustable blade depth 0.03 – 2.54mm
- Square, and spiral cut
- Scores (scribes) semi-con without damage to insulation
- Leaf springs maintain constant pressure during operation
- Instructional CD and video available

SPECIFICATIONS

Cable O.D. 12.7 - 50.8 mm

MODELS AND ACCESSORIES

Model/Accessory	Description
1700-SS - Adjustable Blade Scorer	with square cut/spiral cut and dial locking set screw
1700-SS-LC - Adjustable Blade Scorer	with square cut/spiral cut - Saddle relief for close-in cut and dial locking set screw
1678 - Scoring Blade	Replacement Blade - all tools



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CHAMFER TOOLS

CT-1 CHAMFER TOOL

FEATURES

The CT-1 Chamfering Tool cut a 45° bevel on the insulation of cables with an O.D. of 12.7 – 34.9mm.

- Chamfers cable end at 45°
- For use on 4.4 – 8.7mm insulation (15kV thru 35kV)
- Prepares edge of cable insulation for pre-molded termination
- Adjustable - no adapters or bushings required

SPECIFICATIONS

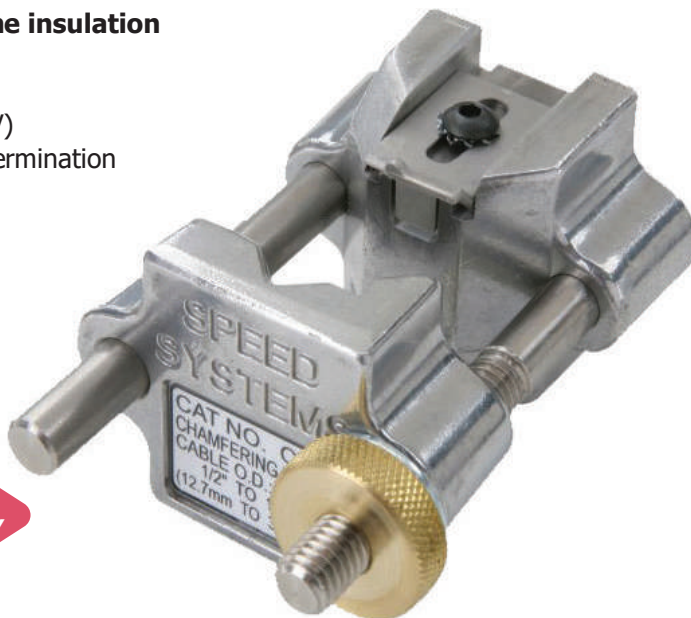
Cable O.D. 12.7 - 34.9mm

MODELS AND ACCESSORIES

Model/Accessory

CT-1 - Chamfering Tool

2672 - Replacement Blade



CT-2 CHAMFER TOOL

FEATURES

The CT-2 Chamfering Tool cut a 45° bevel on the insulation of cables with an O.D. of 24.1 – 69.9mm.

- Chamfers cable end at 45°
- For use on 4.4 – 8.7mm insulation (15kV thru 35kV)
- Prepares edge of cable insulation for pre-molded termination
- Adjustable - no adapters or bushings required

SPECIFICATIONS

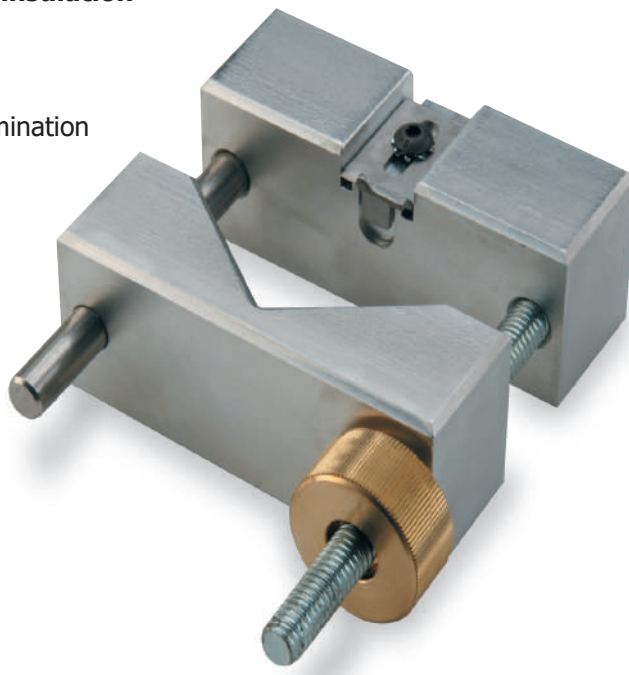
Cable O.D. 24.1 - 69.9 mm

MODELS AND ACCESSORIES

Model/Accessory

CT-2 - Chamfering Tool

2672 - Replacement Blade



12679 (1903) CABLE STRIPPING TOOL (MADE IN USA)

With several key new features, the Greenlee 12679 (1903) is the latest advancement in rotary cable stripping tools. The 12679 (1903) has triple action stripping (rotary, longitudinal, and spiral) like similar tools, but it has four important new features:

- A hook on the end of the cable guide used to grab the jacket and start pulling it from the cable
- Interchangeable small and large cable guides allow the 12679 (1903) to strip cable over the full range from 0.18" to 1.57" diameter (8 AWG to 1250 kcmil)
- A pocket at the base of the tool is used to store replacement blades
- A new ergonomic shape to fit your hand better



FEATURES

- Triple action stripping - rotary, linear and spiral - Window stripping is accomplished by combining 2 rotary cuts with a spiral cut in between them
- Eliminates cable scoring. Blade height is adjustable to precisely match insulation thickness
- Interchangeable cable guides for small and large cable diameters
- Hook on cable guide is used to start jacket removal without the need for a screwdriver or pliers
- Replacement blade storage pocket in the base of the tool
- Long life, high carbon steel blade
- Ergonomic handle shape
- Suitable for most jacket material



SPECIFICATIONS

Capacity	THNN Cable Size Range: 10 -6 25 mm ² Overall Cable Diameter: 4.5 - 40.0 mm Cable Diameter Using Small Cable Guide Hook: 4.5 - 25.0 mm Cable Diameter Using Large Cable Guide Hook: 20.0 - 40.0 mm
Specifications	Length (with large cable guide hook): 7"(178 mm)
Weight	0.1 kg

Model No.*	Cat. No.	Description	Qty
12679	1903	Cable Stripping Tool	1 (2 per package)
13544	13544	Replacement Blade	



