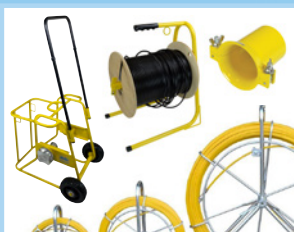


Specialist tooling and equipment



custom
made
toolkits
for all
industries

ISSUE: M012



Mills Tooling & Equipment
Designed for engineers
by engineers for
optimum performance



It's a matter of **Mills**

Mills has been making engineering tools for over 100 years – specialist tooling for precise engineering needs. Tooling designed for quality, reliability, innovation and value. Professional tooling for professional engineers.

Building customer partnerships to create innovative solutions for industry needs.

And not only is our tooling of the highest quality, but the service behind it takes some beating too. Our focus has always been to make the job of today's telecommunications, smart energy, service and maintenance engineers safer, faster and more efficient. If it matters to you, it matters to us.

It's a matter of Mills



Mills Master Class Tooling

Items bearing the Mills Master Class logo come with a LIFETIME GUARANTEE – should any product fail to give complete satisfaction or break during normal usage, simply return it to us for immediate replacement.

CONTRACTOR Just the job

Mills Contractor Tooling

Mills Contractor Tooling provides a range of economically priced, engineering-quality tooling, all items developed to be fit-for-purpose, ergonomically tested and ideal for general engineering applications.



Sales/Technical Support **tel: 020 8833 2626** fax: 020 8833 2600

Recent Mills Milestones

The Next 100 Years



In 2018, we celebrated our centenary and marked our success with a video describing the history of this extraordinary family business. We've now produced a video looking at more recent achievements.

To see these, just put **'Mills 100 Years'** and **'Mills Next'** into YouTube.

Our New Website



Find what you want quickly thanks to our improved menus, enhanced search capability, quick-view Add to Cart and a seamless mobile and desktop experience, enabling rapid order placing on any device.

The Man with the Fibre Installation Gun



Mills has produced a homage to James Bond to launch its new fibre installation gun. The new video features man about Mills, James Fig, getting to grips with the need to deliver gigabit capable broadband to over 85% of the country before 2025.

Just enter **Mills Man with FIG** into YouTube. See the Fibre Installation gun itself on page 42.

Our Move to Uxbridge



Our new premises on the banks of the Grand Union Canal in Uxbridge have provided us with 60,000 square feet of offices and warehousing, allowing us to bring the whole Mills organisation together under one roof for the first time in many years.

Contents

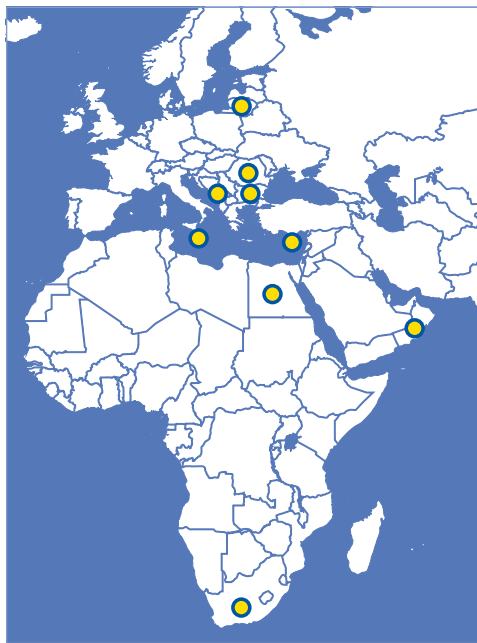
How To Order	04
General Hand Tools	05
Fibre Tooling & Testing	41
Copper Tooling & Testing	63
Site Tools & Equipment	75
PPE Equipment & Consumables	79
Cable Handling	85
PIA Products	99
Terms & Conditions	114
Product Index	116
Part Number Index	118

Mills International Service

To make sure our products are easily available for engineers around the world we count on our network of distributors.

In many regions we operate around the globe, we work with specific distributors on an exclusive agreement. With many of these local and trusted members of the extended Mills family, we have had a working relationship for many years and look forward to the continued collaboration.

Mills' International Distributors:



For UK enquiries,
contact Mills Ltd.

Telephone: 020 8833 2626

Website: millsltd.com

Email: sales@millsltd.com

FAX: 020 8833 2600

Hours of business:

Monday to Thursday 8.00am - 6.00pm,

Friday 8.00am - 5.00pm



Malta:

G&E Electronics Ltd

Genics Building, Giovanni Papafy Street,

Birkikara, BKR 4021, Malta

Tel: +356 21 48616 / 21 490951

email: info@gemalta.com

Web: www.gemalta.com



Romania:

TeleGrup

8A Episcopul Radu Street,

Sector 2, 021503, Bucuresti, Romania

Tel: 0040 21 3187431

Fax: 0040 21 3187433

email: vanzari@tele-grup.ro

Web: www.tele-grup.ro



Bulgaria:

Teleconnection Ltd

44 Rila Street, 7000 Ruse, Bulgaria

Tel: 00359 82820865

email: office@teleconnection.bg

Web: www.teleconnection.bg

Montenegro:

Optoinzenjering

Ul. Dr. Vukasina, Markovica 218, 81000

Podgorica, Montenegro

Contact: Vladimir Slavic

Tel: 00382 67 562858

Fax: 00382 67 241001

email: optoinzenjering@gmail.com



Lithuania:

Skaidula JSC

Naugarduko 68b, LT-03203 Vilnius, Lithuania

Contact: Aivaras Skanaitas

Tel: 00370 5 2397773

Fax: 00370 5 2397778

email: office@skaidula.lt

Web: www.skaidula.lt



Cyprus:

Redmax Technologies Ltd

7 Polyfimou Street, Strovolos,

Nicosia 2033, Cyprus

Contact: Antonis Vasilis

Tel: 00357 22 399402

Fax: 00357 22 250030

email: Antonis@redmaxtech.com

Web: www.redmaxtech.com



Middle East:

Dafnia Middle East FZ LLC

Oman: +968 24 750205

Qatar: +974 441 50543

UAE (Tecom): +971 4 4519080

UAE (Karama): +971 4 3352995

UAE Jafza: +971 4 8831401

email: marketing@dafnia.com

Web: www.dafnia.com



Egypt:

Circon Contracting and Supply

Office 422, Building 4, Floor 4,

Regus Arkan Plaza, Sheikh Zayed City, Giza,

Egypt

Contact: Anas Mahdy -General Manager

Tel: +20 (2) 3827 7049

Mobile: +20 (109) 879 3434

Email: anas.mahdy@circonegypt.com

Web: www.circonegypt.com



South Africa:

Powertel Telecom

7 Naaf Street, Strijdompark, Randburg, South

Africa

Tel: 0027 11 251 6469

email: info@powertel.co.za



Sales/Technical Support

tel: 020 8833 2626

fax: 020 8833 2600



General Hand Tools



Toolkits

Tool Boxes and Bags

Screwdrivers

Pliers

Hammers

Crimpers

Hacksaws

Tape Measures

Wrenches

Torches

SPECIALIST TOOLKITS FOR ALL APPLICATIONS

Tools are where we started, way back in 1918. We still lead the way today when it comes to building and selecting the specific tooling required for each specific trade or craft.

Mills toolkits are supplied in your choice of tool box, tool case, back pack, tote bag, wallet or tool roll.



SERVICE ENGINEER'S TOOLKITS

See Pages 7-10



DATA & VOICE INSTALLER'S TOOLKITS

See Pages 11-13



COPPER JOINER'S TOOLKITS

See Page 14



CATV TOOLKITS

See Page 15



BLOWN FIBRE TOOLKITS

See Page 48



FIBRE JOINER'S TOOLKITS

See Pages 51



FIBRE SPLICER'S TOOLKITS

See Pages 49-50



FIBRE INSPECTION KITS

See Pages 53-54



SMART METER KITS

See Pages 17-18



ELECTRICIAN'S TOOLKITS

See Page 16

MILLS SERVICE ENGINEER'S TOOLKIT No.1

This entry level service engineer's toolkit contains the essential tools for basic maintenance and inspection applications and is available in four storage options including Mills Standard Wide Mouth Bag, Mills Tool and Laptop Bag, the new Mills Tool Backpack and the Mills Polyprop Eurocase. It replaces the discontinued A10-4253 kit.

Includes:

- E70-4260 3 Piece Plier Set
- F70-4288 6 Piece Screwdriver Set
- F72-1003 Mains Tester Screwdriver
- H72-6380 6" Adjustable Wrench (150mm)
- H01-1528 Metric Ball End Hex Key Set
- J72-1001 1/2lb Ball Pein Hammer
- E22-6373 5m Tape Measure (16ft)
- K70-7869 Boat Level
- M14-5859 LED Pocket Light
- N72-6574 Retractable Knife
- E22-6585 Junior Hacksaw
- S26-1069 Safety Spectacles
- S70-5007 Fine Point Scissors



PART NO.	DESCRIPTION
A10-6131	A) SERVICE ENGINEER'S TOOLKIT No.1 - IN MILLS STANDARD TOOL BAG
A10-6132	B) SERVICE ENGINEER'S TOOLKIT No.1 - IN MILLS LAPTOP TOOL BAG
A10-6133	C) SERVICE ENGINEER'S TOOLKIT No.1 - IN MILLS TOOL BACKPACK
A10-6130	D) SERVICE ENGINEER'S TOOLKIT No.1 - IN MILLS EUROCASE

MILLS SERVICE ENGINEER'S TOOLKIT No.2

This toolkit builds on the Toolkit No.1, and is available in four options including Mills Polyprop Deep Eurocase, Mills Utility Tote Bag, Mills Toolbox and Mills Backpack. It replaces the discontinued A10-4254 kit.

Includes:

E70-4260	3 Piece Plier Set	E12-6164	Mini Side Cutter
F70-4288	6 Piece Screwdriver Set	E12-6166	Mini Snipe Nose Plier
F72-1003	Mains Tester Screwdriver	E70-4265	Wire Stripper
H72-6380	6" Adjustable Wrench (150mm)	F14-3501	Jewellers Screwdriver Set
H01-1528	Metric Ball End Hex Key Set	M70-4252	Mirror/Retrieval Tool
J72-1001	1/2lb Ball Pein Hammer	M99-7576	Mills Head Torch
E22-6373	5m Tape Measure (16ft)	R99-5386	Insulation Tape
K70-7869	Boat Level	S00-4729	Protective Work Mat
M14-5859	LED Pocket Light	T94-1119	Parts Box
N72-6574	Retractable Knife	C71-6895	Sharpie Pen x 2
E22-6585	Junior Hacksaw		
S26-1069	Safety Spectacles		
S70-5007	Fine Point Scissors		



PART NO. DESCRIPTION

A10-6135	A) SERVICE ENGINEER'S TOOLKIT No.2 - IN MILLS UTILITY TOTE BAG
A10-6136	B) SERVICE ENGINEER'S TOOLKIT No.2 - IN MILLS TOOLBOX
A10-6137	C) SERVICE ENGINEER'S TOOLKIT No.2 - IN MILLS TOOL BACKPACK
A10-6134	D) SERVICE ENGINEER'S TOOLKIT No.2 - IN MILLS DEEP EUROCASE

MILLS SERVICE ENGINEER'S TOOLKIT No.3

This comprehensive service engineer's toolkit is designed to support major maintenance applications. This toolkit is available in four storage options, including the Mills Polyprop Deep Eurocase, Mills Utility Tote Bag, Mills Toolbox and Mills Back Pack. It replaces the discontinued A10-4255 kit.

Includes:

E70-4260	3 Piece Plier Set	M70-4252	Mirror/retrieval Tool
F70-4288	6 Piece Screwdriver Set	M99-7576	Mills Head Torch
F72-1003	Mains Test Screwdriver	R99-5386	Insulation Tape
H72-6380	6" Adjustable Wrench (150mm)	S00-4729	Protective Work Mat
H01-1528	Metric Hex Key Set	T94-1119	Parts Box
J72-1001	1/2lb Ball Pein Hammer	C00-4667	Voltage Detector
E22-6373	5m Tape Measure (16ft)	D52-1252	Portasol Gas Iron
K70-7869	Boat Level	D72-1002	Tube Solder
M14-5859	LED Pocket Light	F72-2902	Multibit Driver Set
N72-6574	Retractable Knife	H72-1005	Torx Key Set
E22-6585	Junior Hacksaw	K51-1006	Steel Rule 150mm
S26-1069	Safety Spectacles	M14-0624	LED Worklight
S70-5007	Fine Point Scissors	N56-1557	6 Piece File Set
E12-6164	Mini Side Cutter	S72-1000	IC Extractor
E12-6166	Mini Snipe Nose Pliers	T70-0623	Cable Tie Pack
E70-4265	Wire Stripper	C71-6895	Sharpie Pen x 2
F14-3501	Jewellers Screwdriver Set		



A



B



C



D



PART NO. DESCRIPTION

A10-6139	A) SERVICE ENGINEER'S TOOLKIT No.3 - IN MILLS UTILITY TOTE BAG
A10-6140	B) SERVICE ENGINEER'S TOOLKIT No.3 - IN MILLS TOOLBOX
A10-6141	C) SERVICE ENGINEER'S TOOLKIT No.3 - IN MILLS TOOL BACKPACK
A10-6138	D) SERVICE ENGINEER'S TOOLKIT No.3 - IN MILLS DEEP EUROCASE

MILLS SERVICE ENGINEER'S TOOLKIT No.4

Mills' top of the range service engineer's toolkit supports the vast majority of mechanical/electrical maintenance and installation applications. This kit is available in four storage solutions including a combo Mills Tote Bag and Mills Tool Box, Stanley Mobile Work Centre, Stanley Fatmax Workchest or Megawheels Case. It replaces the discontinued A10-4251 & A10-4252 kits.

Includes:

E70-4260	3 Piece Plier Set	F14-3501	Jewellers Set	C72-4474	Multimeter
F70-4288	6 Piece Screwdriver Set	M70-4252	Mirror/Retrieval Tool	E00-1113	Cable Cutter
F72-1003	Mains Test Driver	M99-7576	Mills Head Torch	E12-1190	Long Nose Plier
H72-6380	6" Adjustable Wrench (150mm)	R99-5386	Insulation Tape	E66-1325	Electrical Crimping Tool
H01-1528	Metric Hex Key Set	S00-4729	Work Mat	E70-4259	Slip Joint Plier
J72-1001	1/2lb Ball Pein	T94-1119	Parts Box	F70-8720	Long Series 3pc Screwdriver Set
E22-6373	5m Tape Measure (16ft)	C00-4667	Voltage Detector	H70-4257	Combi Spanner Set (6-22mm)
K70-7869	Boat Level	D52-1252	Portasol Gas Iron	H72-1001	8 Piece Metric Mini Wrench Set (5-11mm)
M14-5859	LED Pocket Light	D72-1002	Tube Solder	J61-1031	Soft Faced Hammer
N72-6574	Retractable Knife	F72-2902	Multibit Driver Set	N02-1050	Plasterboard Saw
E22-6585	Junior Hacksaw	H72-1005	Torx Key Set	R01-3000	Fibreglass Pencil
S26-1069	Safety Spectacles	K51-1006	Steel Rule 150mm (6")	C71-6895	Sharpie Pen x 2
S70-5007	Fine Point Scissors	M14-0624	LED Worklight		
E12-6164	Mini Side Cutter	N56-1557	6 Piece File Set		
E12-6166	Mini Nipse Nose Plier	S72-1000	IC Extractor		
E70-4265	Wire Stripper	T70-0623	Cable Tie Pack		
		C50-1224	Socket Check Plug		



A



B



C



D



PART NO. DESCRIPTION

A10-6144	A) SERVICE ENGINEER'S TOOLKIT No.4 - IN STANLEY FATMAX JOB CHEST
A10-6143	B) SERVICE ENGINEER'S TOOLKIT No.4 - IN STANLEY MOBILE WORK CENTRE
A10-6145	C) SERVICE ENGINEER'S TOOLKIT No.4 - IN MEGAWHEELS
A10-6142	D) SERVICE ENGINEER'S TOOLKIT No.4 - IN MILLS TOTE BAG & MILLS TOOLBOX

MILLS DATA & VOICE TOOLKIT No.1

This entry level datacom toolkit includes 9 essential tools, available in three storage options: Mills Fibre Tool bag, Mills Tool and Laptop Case, Mills Standard Wide Mouth Bag.

Kit comprises:

- E00-2026** RJ45 / RJ11 Crimper
- E68-3002** Cyclops Cable Stripper
- F70-4258** 4mmx100mm Slotted Screwdriver
- F70-4267** No.1 Pozzi 75mm Screwdriver
- M14-5489** Mills Pocket Torch
- N70-0350** Cable Scissors
- T70-3799** Krone Style Insertion Tool
- C71-6895** Sharpie Pen Pack of 2



A



B



C



PART NO. DESCRIPTION

- | | |
|----------|--|
| A10-6150 | A) DATA & VOICE TOOLKIT No.1 - IN MILLS FIBRE TOOLBAG |
| A10-6151 | B) DATA & VOICE TOOLKIT No.1 - IN MILLS TOOL & LAPTOP CASE |
| A10-6152 | C) DATA & VOICE TOOLKIT No.1 - IN MILLS JUNIOR TOOLBAG |

This comprehensive datacom and voice toolkit includes the most popular tools in a choice of three storage solutions, including the new Mills Backpack, Mills Polyprop Deep Eurocase, or Mills Standard Wide Mouth Bag.

E00-2026	RJ45 / RJ11 Crimper
E68-3002	Cyclops Data Cable Stripper
M14-5859	LED Pocket Lamp
M70-3530	Cable Scissors
T70-3799	Krone Style Insertion Tool
C71-6875	Sharpie Pen PK2
C00-0113	Cage Nut Removal Tool
C00-3011	Stripper/Insertion Tool
E00-1005	Coax Stripper
	RG58/59/62
E00-1113	Cable Cutter 10.5mm
E00-4281	10 Pair Cable Cutter
E70-3022	6 Piece Screwdriver Set
E70-4260	3 Piece Plier Set
E72-5014	BNC Crimper
E72-6308	6" Adjustable Spanner (150mm)
J72-1003	Cross Pein Pin Hammer

- E22-6373 5M Tape Measure (16ft)
K70-7869 Magnetic Level
M99-7576 Mills Head Torch
N72-6574 Quick Change Knife
E22-6585 Junior Hacksaw
S00-4729 Protective Work Mat
S00-5003 Draw Tape 30m
S26-1069 Safety Spectacles
T70-0623 Cable Tie Pack
M99-6624 Hook & Spudger
E70-4265 Wire Stripper



PART NO.	DESCRIPTION
A10-6155	A) DATA & VOICE TOOLKIT No.2 - IN MILLS STANDARD TOOL BAG
A10-6153	B) DATA & VOICE TOOLKIT No.2 - IN MILLS TOOL BACKPACK
A10-6154	C) DATA & VOICE TOOLKIT No.2 - IN MILLS DEEP EUROCASE

MILLS DATA & VOICE TOOLKIT No.3

Mills' top of the range data and voice toolkit including all the items in Toolkit No.2 but with the addition of a multi-bit set, structured cable tester and tone tracer kit.

The kit can be purchased in 3 storage options including Mills Polyprop Deep Eurocase, Mills Utility Tote Bag and Mills Backpack.

Includes:

E00-2026	RJ45 / RJ11 Crimper	H72-6380	6" Adjustable Spanner (150mm)	E12-6164	4 1/2" Side Cutter (110mm)
E68-3002	Cyclops Cable Cable Stripper	J72-1003	Cross Pein Pin Hammer	F00-1842	Tamperproof Bit Set
M14-5859	LED Pocket Lamp	E22-6373	5M Tape Measure (16ft)	F72-2902	Multi-bit Driver Set
N70-0350	Cable Scissors	K70-7869	Magnetic Level	H72-1002	Hex Key Set Metric
T70-3799	Krone Style Insertion Tool	M99-7576	Mills Head Torch	E70-4265	Wire Stripper
C71-6895	Sharpie Pen PK2	N72-6574	Quick Change Knife	N02-1050	Plaster Board Saw
C00-0113	Cage Nut Removal Tool	E22-6585	Junior Hacksaw	S57-3005	Cable Tie Gun
C00-3011	Stripper/Insertion Tool	S00-4729	Protective Work Mat	T70-2513	RJ45 Plugs Pk100
E00-1005	Coax Stripper	S00-5003	Draw Tape 30m	T70-2514	RJ45 Boots Pk100
	RG58/59/62	S26-1069	Safety Spectacles		
E00-1113	Cable Cutter 10.5mm	T70-0623	Cable Tie Pack		
E00-3021	100 Pair Cutter	M99-6624	Hook & Spudger		
F70-4288	6 Piece Screwdriver Set	C00-1554	Tone Trace Kit		
E70-4260	3 Piece Plier Set	C00-2000	Structured Cable Tester		
E72-5014	BNC Crimper				



B

A

C

PART NO. DESCRIPTION

A10-6158	A) DATA & VOICE TOOLKIT No.3 - IN MILLS TOOL BACKPACK
A10-6157	B) DATA & VOICE TOOLKIT No.3 - IN MILLS UTILITY TOTE BAG
A10-6156	C) DATA & VOICE TOOLKIT No.3 - IN MILLS DEEP EUROCASE

MILLS CATV TOOLKIT

This CATV Toolkit is designed for HNC and Coax Networks, incorporating the essential tools required for the installation of Cable TV from the cabinet to the premises. This toolkit is available in a choice of Mills Utility Tote Bag, Mills Toolbox or Mills Backpack to cover both rural and inner city installations. A full range of other tooling is available to complement this toolkit depending on the franchise legacy of the geographical locations - call sales for a quote.

Includes:

S00-5979 Sid Wire Insertor	E68-3002 Cyclops Data Cable Stripper
C00-6890 Mills Pouyet Style Wire Insertion Tool	F00-1041 Tamperproof Screwdriver No 1
C00-5932 Compression Tool For Corning Connectors	F02-3638 1000V 6 Piece Screwdriver Set
C00-9844 8" Shaft Red RG6/59 F Connector Tool 7/16 AF	H00-5856 Mills Torque Wrench 9/16
C00-9845 8" Shaft Blue RG7/11 F Connector Tool 9/16 AF	H00-5857 Mills Torque Wrench 1/16
C29-0546 Cordset P Type 2 Pole	H72-6380 6" Adjustable Wrench (150mm)
C35-2192 DV25 Voltage Detector With Flashlight	H70-5002 7/16 Combination Spanner
C50-1224 Socket Check Plug	J72-9588 16oz Fibre Glass Claw Hammer
E00-3646 1000V VDE 3 Piece Plier Set	M14-0624 24 LED Inspection Worklight
E00-6177 CATV Stripper	E22-6585 Junior Hacksaw Frame
E21-1421 Telco Stripper Crimper	S00-1232 Pointing Trowel
E65-5463 Scotchlok Crimp Tool	S57-1107 Telco Cable Tacker T28
E22-6376 Heavy Duty Cable Cutter 20mm	S82-8445 25 AC CATV Telco Cable Tacker
	T70-3799 Krone 2A Style Insertion Tool



PART NO. DESCRIPTION

A10-6110	A) CATV TOOLKIT - IN MILLS UTILITY TOTE BAG
A10-6111	B) CATV TOOLKIT - IN MILLS TOOLBOX
A10-6112	C) CATV TOOLKIT - IN MILLS TOOL BACKPACK

MILLS ELECTRICIAN'S TOOLKIT

Designed specifically for electricians, this toolkit covers all the essential tools required for first and second fixes, whilst leaving extra capacity to customise the toolkit to your individual requirement.

This toolkit is available in a choice of Mills Utility Tote Bag, Mills Toolbox or Mills Backpack.

Includes:

E00-7643	Longitudinal Stripper	M14-0624	LED Inspection Worklight
E00-1113	5-10mm Cable Cutter	N12-6547	Knife Pocket No.2
E00-3021	100 Pair Cutter	N56-1458	6" Hand File (150mm)
E00-3646	1000V 3 Piece Plier Set	N70-0350	Cable Scissors
E70-5001	Cable Ringing Tool (4.5 - 25mm)	E22-6585	Junior Hacksaw
E72-2010	10" Tin Snips (250mm)	E22-6393	12" General Purpose Hacksaw (30mm)
F02-3638	1000V Screwdriver Set 6 Piece	R99-5386	Black PVC Tape
H72-6381	8" Adjustable Wrench (200mm)	S26-1069	Safety Spectacles
J53-1012	1/2lb Cross Pein Hammer	S57-3005	Cable Tie Gun
J53-1014	1lb Cross Pein Hammer	C71-6895	Sharpie Pen PK2
J62-8167	10" Cold Chisel With Grip (250mm)	J04-4862	Re-threading tool 3.5 x 0.6
K51-1006	6" Steel Rule (250mm)		
E22-6373	5m Tape Measure (16ft)		



B



C



PART NO. DESCRIPTION

A10-6180	A) ELECTRICIAN'S TOOLKIT - IN MILLS UTILITY TOTE BAG
A10-6181	B) ELECTRICIAN'S TOOLKIT - IN MILLS TOOLBOX
A10-6182	C) ELECTRICIAN'S TOOLKIT - IN MILLS TOOL BACKPACK



SMART METER ELECTRICAL ENGINEERS INSULATED TOOLKIT NO.1

The Mills range of Smart Meter Toolkits has been carefully selected and designed in conjunction with the leading energy supply companies. The range covers 6 different toolkits with additional options for the safe installation of both gas and electrical smart meters and removal of existing legal units.

A 1000V VDE tool kit designed for working on smart meter maintenance and installations including the very latest ergonomic angled head pliers and cutters for much greater work area viewing and increased performance. Supplied in a durable tool roll.

Comprising:

B72-0605 Tool Roll

F02-3638 VDE 1000V 6 Piece Screwdriver Set comprising:
Slotted 100 x 3.0mm, Slotted 100 x 4.0mm, Slotted 125 x 5.5mm, Slotted 150 x 6.5mm, Pozzi® 80 x No. 1, Pozzi® 100 x No. 2

H87-7350 VDE 1000V Universal Shroud

H87-7348 VDE 1000V Non-Universal Shroud

H87-7349 VDE 1000V 3mm Insulated T Key

E12-7531 VDE 1000V Long Nose Plier with Cutter 220mm

E12-7534 VDE 1000V Combination Plier with Cutter 190mm

E12-7532 VDE 1000V Diagonal Cutter 180mm

H87-7347 VDE 1000V Cable Shears 8"

S00-7906 4 Way Utilities Key



PART NO.	DESCRIPTION
----------	-------------

A10-7640	SMART METER ELECTRICAL ENGINEERS INSULATED TOOLKIT NO.1
----------	---

1000V TOOLKIT NO1 (IN TOOL BAG)

Supplied in Mills B72-5811 Junior Tool bag.
Dimensions: 280mm L x 180mm W x 235mm H.

Comprising: 3 popular high voltage 1000V pliers individually tested & insulated to IEC 900 1987 & 6 Screwdrivers conforming to DIN 7437/38.

Comprising:

B72-1002 Tool wallet

F02-1089 Screwdriver 75 x 3mm

F02-1090 Screwdriver 100 x 4mm

F02-1091 Screwdriver 125 x 5.5mm

F02-1093 Screwdriver 150 x 6.5mm

F02-1095 Screwdriver 80 x No.1 crosspoint

F02-1096 Screwdriver 100 x No.2 crosspoint

E00-1442 160mm side cutters

E00-1445 160mm long nose pliers

E00-1440 180mm combination pliers



PART NO.	DESCRIPTION
----------	-------------

A10-3504	1000V TOOLKIT NO1 (IN TOOL BAG)
----------	---------------------------------

1000V TOOLKIT NO 1 (IN TOOL WALLET)

Supplied in zip round tool wallet incorporating part storage pouch - external dimensions: 345 x 270 x 60mm.

Comprising: 3 popular 1000V high voltage pliers individually tested & insulated to IEC 900 1987 & 6 Screwdrivers conforming to DIN 7437/38.

Comprising:

B72-1604 Tool wallet

F02-1089 Screwdriver 75 x 3mm

F02-1090 Screwdriver 100 x 4mm

F02-1091 Screwdriver 125 x 5.5mm

F02-1093 Screwdriver 150 x 6.5mm

F02-1095 Screwdriver 80 x No.1 Crosspoint

F02-1096 Screwdriver 100 x No.2 Crosspoint

E00-1442 160mm side cutters

E00-1445 160mm long nose pliers

E00-1440 180mm combination pliers



PART NO.	DESCRIPTION
----------	-------------

A10-3505	1000V TOOLKIT NO 1 (IN TOOL WALLET)
----------	-------------------------------------

SMART METER GENERAL TOOLKIT

The Mills range of Smart Meter Toolkits has been carefully selected and designed in conjunction with the leading energy supply companies. The range covers 6 different toolkits with additional options for the safe installation of both gas and electrical smart meters and removal of existing legal units.

Comprising:

B70-8209 Mills Heavy Duty Toolbox
H72-7381 Pipe Cutter Automatic 15mm
H72-7378 Pipe Cutter Automatic 28mm
H72-7379 Pipe Cutter Automatic 22mm
H72-7382 Spare Wheel for Pipe Slice
S00-7380 Rothenberger Gas Test
 30mb U Gauge Manometer
E22-6370 ECO Bradawl Chisel End 38mm
R99-7383 1/2" cleaning/application Brush
K70-7869 Mills MasterClass Magnetic
 Base Spirit Level 250mm
S99-7384 Scouring Pad 23cm x 15cm Pk 10
E22-6373 Mills 5m 16ft Tape Measure
J72-9588 Mills Claw Hammer Glass Fibre Shaft 16oz
N04-1616 Junior Hacksaw Blades Pk of 10
E22-6585 ECO Mini Saw N63-3005 HSS Twist Drill 3.5mm
N63-1010 HSS Twist Drill 6mm
N36-1172 Masonry Drill 5.5 X 85mm
N36-1173 Masonry Drill 6 X 100mm
N36-1175 Masonry Drill 7 X 100mm
N36-7388 Flat Drill Bit 18mm
N36-7389 Flat Drill Bit 25mm
N36-7390 Flat Drill Bit 30mm
N36-5029 5 Piece SDS Drill Bit Set in Shell Case
N70-7522 Stanley Plasterboard Saw 150mm 6" 6tpi
N70-7391 Floorboard / Veneer Saw 325mm 13" 12tpi
H70-7393 Heavy-Duty RapidGrip® Wrench 350mm (14in)
H70-7394 Aluminium RapidGrip® Wrench 450mm 18"
P09-0694 Bosch GMS120 Metal Multi Detector
N56-1461 Half-Round Second Cut Engineers File 150mm (6in)
H70-7395 Monument Abrasive Cleaning Strips Pack of 10
J62-6638 Mills Cold Chisel 60mm with Hand Guard
F70-7408 Stubby VDE Slim Screwdriver Pozzi No.2
F70-7409 Stubby VDE Slim Screwdriver MOD2
F70-7410 Stubby VDE Slim Screwdriver Slotted 5.5mm



PART NO.	DESCRIPTION
A10-7639	SMART METER GENERAL TOOLKIT

SMART METER ELECTRICAL ENGINEERS TOOLKIT NO.2

The Mills range of Smart Meter Toolkits has been carefully selected and designed in conjunction with the leading energy supply companies. The range covers 6 different toolkits with additional options for the safe installation of both gas and electrical smart meters and removal of existing legal units.

Comprising:

B70-0600 Mills Utility Tote Tool Bag
H87-7350 Universal Shroud for Domestic Cut-Outs x3
H87-7348 Non-Universal Shroud for Domestic Cut-Outs x3
E12-7531 Mills VDE 1000V Long Nose Plier With Cutter 220mm
E12-7534 Mills VDE 1000V Combination Pliers with Cutter 190mm
E12-7532 Mills VDE 1000V Diagonal Cutter 180mm
H87-7347 Mills VDE 1000V Insulated Cable Shears 200mm
S70-7362 Scissors 216mm (8.1/2")
E00-7411 MeterMade 25 Smart Meter Cable Stripping Tool
E00-7412 MeterMade 16 Smart Meter Cable Stripping Tool
M99-7576 Mills LED Head Torch
H87-7346 Inspection Mirror VDE 25mm
C70-7351 Martindale Elite Digital Fuse Finder FD550
C70-7353 Martindale BZ101 Buzz-IT Audible Check Plug x2
C70-7363 Martindale VT7 Single Pole Voltage Indicator
C70-7364 Martindale PD440 440V AC Proving Unit
C70-7365 Martindale TC69 VIPD Soft Carry Case
C70-7360 Martindale TEK100YE Non Contact Voltage Detector
C70-7361 Drummond MTL20 Test Lamp
Z00-5000RM Fire Brigade Master Key Set
S00-7352 Service Cabinet Key
S00-7377 Gas / Electric Utility Meter Key
H87-7349 T Key Insulated 3mm Hexagonal 1000V
F02-3638 Mills MasterClass Screwdriver Set 1000V VDE Insulated
 6 Piece comprising: Slotted 100 x 3.0mm, 100 x 4.0mm, 125 x 5.5mm,
 150 x 6.5mm, Pozzi® 80mm x No. 1, Pozzi® 100mm x No. 2.
F70-7356 Screwdriver VDE Pozzi No.2 x 200mm
F70-7597 Screwdriver VDE Modulo No.2 6mm x 100mm
F70-4270 Mills MasterClass Professional Screwdriver
 Pozzi 250mm x No.2
H87-7357 Protective Glove Pouch
H87-7414/8 Leather Overgloves
H87-6541 1000V Gloves Class 0 36cm - Size 8



PART NO.	DESCRIPTION
A10-7635/8	SMART METER ELECTRICAL ENGINEERS TOOLKIT NO.2 - SIZE 8 GLOVES
A10-7635/9	SMART METER ELECTRICAL ENGINEERS TOOLKIT NO.2 - SIZE 9 GLOVES
A10-7635/10	SMART METER ELECTRICAL ENGINEERS TOOLKIT NO.2 - SIZE 10 GLOVES
A10-7635/11	SMART METER ELECTRICAL ENGINEERS TOOLKIT NO.2 - SIZE 11 GLOVES

The last few years have seen a large increase in the number of homes being fitted with heat pumps instead of traditional gas or oil boilers. The Mills Heat Pump Toolkit has been carefully selected and designed in conjunction with the leading energy supply operators to provide all the essential tools to install and maintain ground or air source heat pumps.



Mills Heat Pump Toolkit
for installation and
maintenance of heat pump
systems, comprising:

B70-0600	Utility Tote Tool Bag c/w Cover	P09-1549	103 Piece Drill & Screwdriver Bit Set
B70-8209	Mills Heavy Duty Toolbox 570mm	P09-1551	Bosch 18v Impact Driver Wrench
B72-5811	Mills Junior Wide Mouth Tool Bag	P09-1993	Bosch 18v Rotary Hammer c/w 2 X 24Ah Batteries
B72-7406	Stanley Fatmax Parts Organiser	P09-4106	Bosch 18v Impact Driver c/w 2 X 24Ah Batteries
C70-7363	Martindale VT7 Single Pole Voltage Indicator	P09-5000	Bosch 18v 115mm Angle Grinder (Bare Unit)
D99-0040	PVC Pipe & Conduit Cutter - Ratchet	P09-5001	Bosch 18v Reciprocal Saw (Bare Unit)
E22-1938	Mills Contractor - 1000v VDE 3 Piece Plier Set	P09-5002	Bosch 18v Circular Saw (Bare Unit)
E22-1951	Mills Contractor - 250mm Adjustable Wrench	P09-5003	Bosch 18v Multi Cutter (Bare Unit)
E22-1954	Mills Contractor - Claw Hammer Glass Fibre Shaft 16oz	P09-5004	Bosch Combination Laser Leveller
E22-2111	Mills Contractor - Magnetic Base Spirit Level 240mm	P09-5005	Bosch 110v Impact Drill
E22-6393	Mills Contractor - General Purpose Hacksaw	P09-5006	Bosch Tripod for Laser Leveller
F70-7650	250mm Push Button Waterpump Pliers	P09-5010	Bosch Multi Tool Blade Set
F70-5009	Screwdriver Set 10 Piece	P09-9659	Bosch SDS Plus Multidrill Kit 110v
H72-1390	Monument Pump Nut Spanner 52mm A/F	P44-1347	Transformer 3.3kva 2 Outlet
H72-6380	150mm Adjustable Wrench	P85-7703	Extension lead 110v 25m
H72-6381	200mm Mills Adjustable Wrench	P88-9772	Wet & Dry Vacuum 240v
H72-7378	28mm Close Quarter Pipe Slice	R99-1120	Pipelagger Pro Complete Kit
H72-7379	22mm Close Quarter Pipe Slice	R99-5006	Magna Cleanse Rapid Flush Filter Kit
H72-7381	15mm Close Quarter Pipe Slice	R99-6590	Mills Heavy Duty Hand Wipes Tube of 75
J27-1000	Set of 3 Wood Chisels	S00-1224	Plastic Bucket 14 Litre
J62-3397	Fat Max Cold Chisel 300mm	S00-1232	150mm Pointing Trowel
J75-1586	Club Hammer Fibre Glass Handle	S00-1982	Monument Solder Mat
K70-5012	Steel Tape 7.5m/24ft	S00-3678	Wrecking Bar 450mm (18")
K99-6840	Spirit Level 600mm (24")	S00-4239	Ladder Task c/w Holder
K99-6845	Spirit Level 1800mm (72")	S00-4369	Medium First Aid Kit (1-10 Users)
M19-0012	Pipe Bender 15 and 22mm	S00-6088	Dry Powder Fire Extinguishers 2kg
M99-5797	Mills Rechargeable Led Floodlight 10w	S00-9344	Fibreglass Platform Steps 4 Tread
N01-1805	Set of 4 Files 8" (200mm)	S00-9591	Odd Job Work Platform
N36-1285	15 Piece SDS Drill & Steel Set	S26-7238	Eyeshaw Station
N36-3060	7 Piece Diamond Core Drill Kit	S83-3319	Trenching Shovel Wooden Shaft
N70-3386	Fine Cut Handsaw 20" X 11 TPI	S83-5021	Rectangular Magnetic Parts Tray
N70-3391	Fatmax Plasterboard Jab Saw	S97-7386	Gas Blow Torch Superfine 2
N72-3379	Retractable Blade Knife	Z21-1435	12mm x 50m Heavy Braided Drain Down Hose

PART NO.	DESCRIPTION
A10-0200	MILLS HEAT PUMP TOOLKIT

MILLS TECHNICIANS TOOL CASE

Professional smart, stylish technician's case specially designed with the field service engineer in mind.

This lightweight yet hard-wearing briefcase style tool case is manufactured from impact resistant polypropylene combined with a strong aluminium frame. The case also benefits from a pre-formed, three section base tray, three heavy duty hinges and two anti-burst Travel Sentry Approved toggle locks and is supplied with a comfort grip handle giving the case a carry capacity of up to 30kg.

Features:

- Robust aluminium frame
- Heavy duty comfort grip handle providing 30kg carrying capacity
- 2 x Lockable toggle anti burst Travel Sentry Approved locks supplied with 4 keys
- 3 x Heavy duty rear hinges
- 3 section preformed base tray (450 x 115 x 50mm, 330 x 205 x 50mm, 115 x 205 x 50mm)
- External Dimensions (WxHxD): 480 x 360 x 169mm
- Internal Dimensions (WxHxD): 470mm x 350mm x 160mm
- Overall weight (without tool boards) 3kg
- Carry capacity 30kg



The Mills Technicians Case is available with two toolboard options as follows:

Standard Tool board Option A

Lid side tool pallet with provision for 23 tools of varying sizes.

This board has 20 elastic loops and 3 pouches. The rear of the tool board also has a document pouch.

The base board has capacity for a further 23 tools, utilising two elastic straps of varying sizes. This board also has clips and a heatsink for soldering iron storage.

Deluxe Tool board Option B

Lid side tool board comprising 16 elastic loops and 25 pockets to securely accommodate 15 screwdrivers and 14 pliers or a combination of both. The rear of the tool board also has a document pouch.

The base board has 21 elastic straps of varying sizes, 9 open pouches, 1 sealable pouch which has clips and a heatsink for soldering iron storage.

PART NO.	DESCRIPTION
B72-0048	MILLS TECHNICIANS CASE WITH STANDARD TOOLBOARD SET A
B72-0049	MILLS TECHNICIANS CASE WITH STANDARD TOOLBOARD SET B

LIGHTWEIGHT ABS TOOL CASE

Lightweight yet hard-wearing tool case with ABS shell. Ideal for the mobile technician. The interior includes a removable storage pallet and base tray, with adjustable dividers to suit your requirements. Locking catches provide added security. Supplied with two keys.

External Dimensions: 460 x 350 x 150mm.

Weight: 2kg.



PART NO.	DESCRIPTION
B70-6572	LIGHTWEIGHT ABS TOOL CASE



MILLS TOOL BACKPACK

Engineer's backpack with waterproof robust shell base and two internal tool boards comprising pockets, loops and elastic straps allowing for upwards of 40 tools.

The Mills Tool Backpack also has 4 external storage pockets with thick padded shoulder straps for even distribution of weight.

The backpack also benefits from an adjustable ID Card Holder and hi visibility reflective banding to all sides of the product.



PART NO.	DESCRIPTION
B72-6595	MILLS TOOL BACKPACK

MEGAWHEELS

Mobile toolbox with integral wheel and handle system.

- Double wall construction technique
- Resistance to high and low temperature
- Large size scooter type wheels
- Spring loaded soft grip handle
- Shock-proof high density polyethylene body
- Two side locks with keys
- Resistance to corrosive and chemical substances
- Telescopic handle
- Air transportation handling resistant

Supplied with 4 x toolboards, adjustable base tray and 2 x component boxes.



External Dimensions:
453 x 345 x 185mm.
Weight: 7.5kg.
Maximum carry capacity: 30kg



TOOLS
NOT
INCLUDED



PART NO.	DESCRIPTION
B72-7706	MEGAWHEELS

MILLS HEAVY DUTY INSTALLER'S TOOLBOX

This toolbox is ideal for professional and trade use. Constructed from a combination of tough high impact plastic with heavy duty bright yellow steel body. A pull out inner tote tray allows for storage of smaller items and the lid incorporates a stainless steel groove section which is ideal for resting work, such as pipes or wood, prior to cutting.

The toolbox also benefits from a soft grip handle and can be secured by the use of two double latches and padlock eye. The heavy duty construction of the box also means it can be used as a step.

External dimensions: 570mm (22.5") x 250mm (10") x 220mm (9½").



**20kg
Load
Capacity**



PART NO. DESCRIPTION

B70-8209 MILLS HEAVY DUTY INSTALLER'S TOOLBOX

MILLS UTILITY TOTE TOOL BAG

Our all new utility tote tool bag, designed in association with the leading communication utility companies. The bag has 12 external sealable pockets, ideal for tools, connectors, test meters and PDA's, together with 3 external tool loops for larger items such as hammers etc. Internally the bag has a further 5 tool pockets and 8 tool loops.

The product benefits from a heavy duty carry handle with comfort grip and is also supplied with a robust shoulder strap.

An overall cover flap prevents spillage, plastic base prevents water ingress.

A velcro pad on the cover flap allows the bag to be easily customised with your company logo at little cost.

Dimensions 470 x 300 x 250mm

Features

- 12 external pockets with flaps
- 3 tool loops
- Customisable logo pad
- Carry handle with comfort grip
- Overall cover flap
- Shoulder strap
- 5 internal pockets
- 8 internal tool loops



**TOOLS
NOT
INCLUDED**



**ADD YOUR
COMPANY LOGO!
Ring Sales
for more info**

PART NO. DESCRIPTION

B70-0600 UTILITY TOTE TOOL BAG WITH COVER

MILLS LARGE TOOL WALLET

A simple zip-up design, with a variety of tool holding loops inside, the Mills tool wallet presents a stylish, neat and organised way to keep your most essential tools to hand. Storage for approximately 33 tools.

External dimensions 345 x 270 x 60mm.



**TOOLS
NOT
INCLUDED**

**Mills
MASTER
TOOLS**
As good as it gets

LARGE TOOLROLL

Tear-proof fabric toolroll with rubber coated handle and hook and loop closure.

- 20 pouches and 18 elastic strips for proper storage of your tools.
- 2 metal reinforced rings to hang the tool roll on a surface
- Dimensions: 605mm x 540mm
- Weight: 400g

Formerly B72-0605



**TOOLS
NOT
INCLUDED**

PART NO. DESCRIPTION

B72-0604 MILLS LARGE TOOL WALLET

PART NO. DESCRIPTION

B72-7900 LARGE TOOLROLL



MILLS SUPER-WIDE OPENING TOOL BAGS

High quality multi-pocketed bags complete with shoulder straps and soft sides to not only protect expensive tools and testers but also to prevent damage to customers walls and floors. The bags are available in two sizes:

A) Standard bag - 430mm L x 245mm W x 280mm H

B) Junior bag - 280mm L x 180mm W x 235mm H



PART NO.	DESCRIPTION
B72-5810	A) STANDARD TOOL BAG
B72-5811	B) JUNIOR TOOL BAG

MILLS TOOL AND LAPTOP CASE

Mills multifunctional tool and laptop case, manufactured in black and dark grey, from a tear resistant fabric.

Features:

- 7 open external padded tool pockets
- 1 open external document pocket
- 1 large external zipped closed pocket containing 8 tool pockets
- 1 large zipped closed fold-out compartment containing 16 tool pockets
- 1 laptop padded internal storage compartment containing 1 document pocket, 2 DVD/CD pockets, 1 lead/cable storage pouch, 2 laptop securing straps
- 2 non-slip rubber feet
- Ergonomic grip carrying handle
- Padded adjustable shoulder carrying strap

External dimensions
410 x 330 x 140mm.



PART NO.	DESCRIPTION
B72-0658	MILLS TOOL AND LAPTOP CASE

MILLS PLUCK-OUT FOAM CASE

A smart poly propylene presentation and storage with pluck foam, slide catches and 180 degree hinges.

The slider locks will accept a small padlock for security if required.

The bottom section of the case is supplied with one x 36mm deep and one x 14mm deep 15mm pluck out foam to allow the case to be customised to securely hold tooling and test equipment.

The lid section of the case has a honeycomb foam on lid to depth of 60mm.

External Dimension:
430 x 315 x 122mm

Internal Dimensions:
422 x 246 x 114mm

Weight 0.9kg



PART NO.	DESCRIPTION
B99-3582	MILLS PLUCK-OUT FOAM CASE

MILLS PRESENTER

High quality A4 size zip round presenter manufactured from black condura with navy blue leatherette. The presenter has a 1" (25mm) capacity ring binder, zip pouch, 5 credit card pouches and a clear identification pouch.



PART NO.	DESCRIPTION
B72-5011	MILLS PRESENTER

A) MILLS HEAVY DUTY TOOL APRON

Manufactured from heavy grade Cordura style material with robust fully adjustable webbing belt.

Features 9 pockets, 3 loops plus hammer ring for efficient organisation also features reflective strips for site safety.

Dimensions: 600 x 255 x 75mm



PART NO.	DESCRIPTION
----------	-------------

B29-6720	A) MILLS HEAVY DUTY TOOL APRON
----------	--------------------------------

MILLS BELT POCKET

A heavy duty tool 4 pocket bag and pouch manufactured for the telecommunication engineer from heavy grade cordura with robust fully adjustable webbing belt.

Dimensions: Width 260mm x Height 375mm



PART NO.	DESCRIPTION
----------	-------------

S83-0845	MILLS BELT POCKET
----------	-------------------

MILLS SPECIALIST HEAVY DUTY FIBRE OPTIC TOOLBAG

The Mills Heavy Duty Fibre Tool Bag features four external pockets, one specifically designed to accept the Mills C00-6408 Sharps Box, in addition the bag has a further eight internal storage pockets.

Dimensions: Width 325mm x Depth 225 x Height 185mm.



PART NO.	DESCRIPTION
----------	-------------

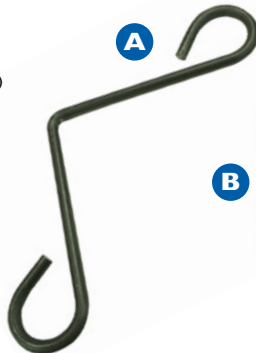
B70-6917	MILLS SPECIALIST FIBRE OPTIC TOOLBAG
----------	--------------------------------------

A) MILLS TOOL BAG LIFTING HANGER

A specialist 6mm sprung wire lifting hanger used in conjunction with Mills Super Wide Opening Tool bags (B72-5810 and B72-5811) by linesman working at height.

B) MILLS JUNIOR TOOL BAG

High quality super-wide opening multi-pocketed bag with shoulder straps and soft sides to not only protect expensive tools and testers, but also to prevent damage to customers walls and floors. Now with reinforced plastic base.



PART NO.	DESCRIPTION
----------	-------------

R02-4674	A) MILLS TOOL BAG LIFTING HANGER
B72-5811	B) MILLS JUNIOR TOOL BAG

MILLS DRILL BIT ROLL

No more rummaging around blindly in the bottom of your tool bag for that drill bit with the new Mills drill bit roll holder. Specifically designed to store and transport drill bits, enabling quick and easy access and identification to the bits inside (bits not included).

Features 12 x 8mm wide pockets, 6 x 15mm deep pockets and 6 x 38mm deep pockets. Secured with three quick-release buckles when rolled up and featuring a carrying handle.



**TOOLS
NOT
INCLUDED**

PART NO.	DESCRIPTION
B70-4505	DRILL BIT ROLL

MILLS STORAGE POUCH

A handy small storage pouch for tool storage and consumables. The Mills storage pouch measures 300mm x 100mm and is secured with hook and loop fastening strips on three sides.



PART NO.	DESCRIPTION
B99-1832	MILLS STORAGE POUCH

MILLS WORK AREA PROTECTION MAT

An 850 x 1500mm work area protection mat with a liquid repellent backing for increased protection in the event of a spillage.



PART NO.	DESCRIPTION
S00-4729	MILLS WORK AREA PROTECTION MAT

MILLS SOFT POUCH 240 X 150 X 50MM

Soft carry case with zip suitable for use with tone generators, probes and other test equipment.



PART NO.	DESCRIPTION
C00-9233	A) MILLS SOFT POUCH BLUE 240 X 150 X 50MM
C00-9234	B) MILLS SOFT POUCH RED 240 X 150 X 50MM
C00-9235	C) MILLS SOFT POUCH BLACK 240 X 150 X 50MM

MILLS MASTERCLASS CHROME VANADIUM PLIERS AND CUTTERS

Professional quality, drop forged from chrome vanadium steel, hardened and tempered with additionally induction hardened cutting edges. Lacquered finish for corrosion protection and bi-material "Energy grip" handles for better control, grip and added comfort.

Supplied with Lifetime guarantee.

Available in 160mm Combination, 160mm Long Nose and 160mm Side Cutter.



**Mills
MASTER**
As good as it gets

**LIFETIME
GUARANTEE**

PART NO.	DESCRIPTION
E70-4253	A) 6" (160MM) COMBINATION PLIER
E70-4255	B) 6" (160MM) SIDE CUTTER
E70-4257	C) 6" (160MM) LONG NOSE PLIER

3PC MILLS PLIER SET

Comprising:

E70-4253 6" (160mm)
Combination Plier

E70-4255 6" (160mm)
Side Cutters

E70-4257 6" (160mm)
Long Nose Pliers

**Mills
MASTER**
As good as it gets

**LIFETIME
GUARANTEE**



PART NO.	DESCRIPTION
E70-4260	3PC MILLS PLIER SET

MILLS 10" (250MM) SLIP JOINT PLIER

With bi-material "Energy Grip" handles for better control, grip and comfort - specially machined adjustment serrations provide extra strength and non-slip performance when tool is under pressure. Supplied with Lifetime Guarantee.

**Mills
MASTER**
As good as it gets



**LIFETIME
GUARANTEE**

PART NO.	DESCRIPTION
E70-4259	MILLS 10" (250MM) SLIP JOINT PLIER

MILLS 6" (150MM) END WIRE STRIPPER NO.2

With bi-material "Energy Grip" handles for more control and comfort and hardened cutting edges.
Stripping capacity from 0.6 - 1.0mm².

**Mills
MASTER**
As good as it gets

**LIFETIME
GUARANTEE**



PART NO.	DESCRIPTION
E70-4265	END WIRE STRIPPER 0.6-1.0MM ²

MILLS 130MM FLUSH CUTTERS MINATURE NO. 2

130mm long Chrome Vanadium steel precision flush cutters with comfort grip insulated and spring loaded handles for copper wires up to 1.0mm (18 AWG)



PART NO.	DESCRIPTION
E72-6119	110MM FLUSH CUTTERS

Mills

Sales/Technical Support

tel: 020 8833 2626

fax: 020 8833 2600

MILLS 'CONTRACTOR' PLIERS & CUTTERS

Engineering grade chrome vanadium pliers and side cutters with induction hardened cutting edges. The pliers also benefit from bi-material comfort grip handles for greater leverage and suitability for repetitive use.



PART NO. DESCRIPTION

E22-6396	A) MILLS 'CONTRACTOR' COMBINATION PLIER 6" 150MM
E22-6397	B) MILLS SIDE CUTTER 6" 150MM

MILLS 'CONTRACTOR' 125MM FLUSH CUTTERS

A forged 125mm (5") high quality flush cutter ideal for cutting nylon cable ties and copper wire up to a diameter of 1mm (18SWG). This side cutter has a return spring to assist with repetitive cutting applications.

The nipper has a polished head and blue PVC dipped handles.



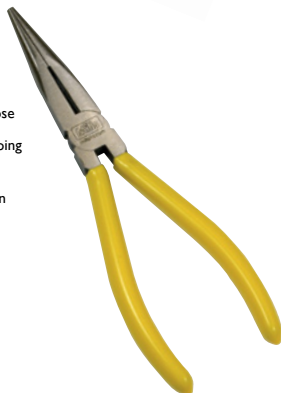
PART NO. DESCRIPTION

E72-0617	MILLS 'CONTRACTOR' FLUSH CUTTER 125 MM
----------	--

MILLS SPECIALIST TELECOMS PLIER WIRING 5 (81'S)

Mills Plier Wiring No 5 (81's) - 160mm Specialist Telecommunication Snipe Nose Plier with serrated jaws, and combining a cutting and stripping edge for 0.5mm conductors.

Manufactured from Chrome Vanadium Steel with induction hardened cutting edges and yellow PVC dipped handles.



PART NO. DESCRIPTION

E12-6159	MILLS PLIERS WIRING 5
----------	-----------------------

MILLS SPECIALIST TELECOMS SIDE CUTTERS DIAGONAL

Manufactured from Chrome Vanadium Steel with induction hardened cutting edges and yellow PVC dipped handles.

A) A high leverage nipper, ideally suited for cutting small telco cables with reinforcing and catenary wire. Length: 140mm

Formerly E12-6162.

Ref: 122360.

B) 160mm specialist telecommunication nipper for soft and hard wire up to 2.5mm diameter.

Manufactured from Chrome Vanadium Steel with induction hardened cutting edges and yellow PVC dipped handles. Formerly E12-6163.

Ref: 127405.



PART NO. DESCRIPTION

E12-0364	A) MILLS HEAVY DUTY SIDE CUTTER DIAGONAL 140MM
E12-0365	B) MILLS SPECIALIST TELECOMS SIDE CUTTERS DIAGONAL 160MM

MILLS STRIPPER WIRE NO. 2

Specialist adjustable precision wire stripping plier for stripping single, multiple and fine stranded conductors.

Suitable for stripping wire diameters 0.5mm (0 - 10mm²) using the adjustable screw and lock nut feature.

Manufactured from Chrome Vanadium Steel with induction hardened cutting edges and featuring yellow PVC dipped handles.



PART NO. DESCRIPTION

E12-6160	MILLS STRIPPERS WIRE NO. 2
----------	----------------------------

MILLS MASTERCLASS 1000V VDE 6" (160MM) 3 PIECE PLIER SET

Mills MasterClass 3 piece 160mm 1000v High Voltage insulated plier set manufactured to IEC 900 1987 or DIN IEC 78 (Co) II vDE 0680/201.

Comprising:

- E00-3647 6" (160mm) Combination Plier
- E00-3649 6" (160mm) Side Cutter
- E00-3652 6" (160mm) Long Nose Plier



CONTRACTOR
Just the job

LIFETIME GUARANTEE

PART NO. DESCRIPTION

E22-1938 1000V VDE 6" (160MM) 3 PIECE PLIER SET

MILLS MASTERCLASS 1000V VDE 6" (160MM) SIDE CUTTER

6 Inch 1000V High Voltage insulated side cutter to IEC 900 1987 or DIN IEC 78 (CO) II VDE 0680/201

This is a Mills MasterClass product and therefore benefits from the Mills MasterClass lifetime guarantee. In the unlikely event of any MasterClass product breaking during normal usage or failing to give complete satisfaction we will issue an immediate free replacement.



CONTRACTOR
Just the job

LIFETIME GUARANTEE

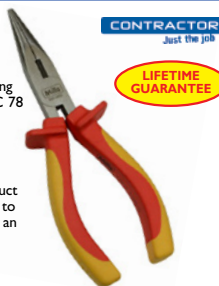
PART NO. DESCRIPTION

E22-1939 1000V VDE 6" (160MM) SIDE CUTTER

MILLS MASTERCLASS 1000V VDE 6" (160MM) LONG NOSE PLIERS

6 Inch 1000V High Voltage insulated long nose plier to IEC 900 1987 or DIN IEC 78 (CO) II VDE 0680/201

This is a Mills MasterClass product and therefore benefits from the Mills MasterClass lifetime guarantee. In the unlikely event of any MasterClass product breaking during normal usage or failing to give complete satisfaction we will issue an immediate free replacement.



CONTRACTOR
Just the job

LIFETIME GUARANTEE

PART NO. DESCRIPTION

E22-1943 1000V VDE 6" (160MM) LONG NOSE PLIERS

MILLS MASTERCLASS 1000V VDE 6" (160MM) COMBINATION PLIERS

Mills 6" 1000V High Voltage insulated plier to IEC 900 1987 or DIN IEC 78 (CO) II VDE 0680/201.

This is a Mills MasterClass product and therefore benefits from the Mills MasterClass lifetime guarantee. In the unlikely event of any MasterClass product breaking during normal usage or failing to give complete satisfaction we will issue an immediate free replacement.



CONTRACTOR
Just the job

LIFETIME GUARANTEE

PART NO. DESCRIPTION

E22-1941 1000V VDE 6" (160MM) COMBINATION PLIERS

MILLS VDE 1000V LONG NOSE PLIER WITH CUTTER 220MM

The ergonomic 25° angled head and high voltage handles provide a natural extension of the hand for much greater work area viewing and increased performance.

The high leverage joint provides 30% more grip and cutting power and the integrated opening spring helps avoid fatigue when in repetitive use.

PART NO. DESCRIPTION

E12-7531 1000V LONG NOSE PLIER WITH CUTTER 220MM



Mills MASTERCLASS
As good as it gets

LIFETIME GUARANTEE

MILLS VDE 1000V COMBINATION PLIERS WITH CUTTER 190MM

Ergonomic angled head and high voltage handles provide much greater work area viewing and increased performance. The high leverage joint provides 30% more grip and cutting power, and the integrated opening spring helps avoid fatigue when in repetitive use.

PART NO. DESCRIPTION

E12-7534 1000V COMBINATION PLIERS WITH CUTTER 190MM



Mills MASTERCLASS
As good as it gets

LIFETIME GUARANTEE

MILLS VDE 1000V MULTIFUNCTION DIAGONAL CUTTER 180MM

Electrician's universal tool for electrical wiring, cutting, stripping, shearing, crimping and bending of loops.

PART NO. DESCRIPTION

E12-7533 MILLS VDE 1000V MULTIFUNCTION DIAGONAL CUTTER 180MM



Mills MASTERCLASS
As good as it gets

LIFETIME GUARANTEE

MILLS VDE 1000V DIAGONAL CUTTER 180MM

Ergonomic angled head and high voltage handles provide much greater work area viewing and increased performance. With a high leverage joint providing 30% more cutting power and with integrated opening spring avoiding fatigue when in repetitive use.

PART NO. DESCRIPTION

E12-7532 MILLS VDE 1000V DIAGONAL CUTTER 180MM



Mills MASTERCLASS
As good as it gets

LIFETIME GUARANTEE

MILLS VDE 1000V INSULATED CABLE SHEARS 200MM

Ergonomic angled head and high voltage handles provide much greater work area viewing and increased performance. With a high leverage joint providing 30% more cutting power and with integrated opening spring avoiding fatigue when in repetitive use.

Perfect for cutting 16mm² and 10mm² earth cable; 6mm² and 10mm² twin and earth cable and 25mm² meter tails (connecting into consumer power units).



LIFETIME
GUARANTEE

PART NO. DESCRIPTION

E87-7665 1000V INSULATED CABLE SHEARS 200MM

MILLS 6" (150MM) END WIRE STRIPPER NO.2

With bi-material "Energy Grip" handles for more control and comfort and hardened cutting edges. Stripping capacity from 0.6 - 10mm².



LIFETIME
GUARANTEE

PART NO. DESCRIPTION

E70-4265 END WIRE STRIPPER 0.6-10MM²

MILLS MASTERCLASS PRECISION BEVEL EDGE SIDE CUTTERS 115MM

115mm Box Jointed Bevel Edge Precision Side Cutter with return spring for conductors up to 1.3mm. Manufactured from Chrome Vanadium Steel with induction hardened cutting edges with comfort grip bi-material handles.



LIFETIME
GUARANTEE

PART NO. DESCRIPTION

E12-6164 PRECISION BEVEL EDGE SIDE CUTTERS 115MM

MILLS MASTERCLASS PRECISION FLUSH CUTTING SIDE CUTTER 115MM

115mm Box Jointed High Access Flush Cutting Precision Side Cutter with return spring for conductors up to 1.3mm. Manufactured from Chrome Vanadium Steel with induction hardened cutting edges with comfort grip bi-material handles.



LIFETIME
GUARANTEE

PART NO. DESCRIPTION

E12-6165 PRECISION FLUSH SIDE CUTTERS 115MM

MILLS MASTERCLASS PRECISION SNIPE NOSE PLIER 120MM

120mm Box Jointed Precision Snipe Nose Pliers with return spring and smooth jaw. Manufactured from Chrome Vanadium Steel with induction hardened cutting edges with comfort grip bi-material handles.



LIFETIME
GUARANTEE

PART NO. DESCRIPTION

E12-6166 PRECISION SNIPE NOSE PLIER 120MM

MILLS MASTERCLASS PRECISION SNIPE NOSE PLIER 140MM

140mm Box Jointed Precision Snipe Nose Pliers with return spring and smooth jaw. Manufactured from Chrome Vanadium Steel with induction hardened cutting edges with comfort grip bi-material handles.



LIFETIME
GUARANTEE

PART NO. DESCRIPTION

E12-6167 PRECISION SNIPE NOSE PLIER 140MM

MILLS 'CONTRACTOR' MINI SIDE CUTTER 115MM

115mm (4 1/2") cost-effective miniature side cutting plier, ideal for cutting of small copper conductors up to a diameter of 1mm. The side cutting snips have bi-material grips and return springs for repetitive tasks.



CONTRACTOR
Just the job

PART NO. DESCRIPTION

E22-6386 MILLS 'CONTRACTOR' MINI SIDE CUTTER 115MM

130MM ECONOMY MINI LONG NOSE PLIERS

Cost-effective miniature long nose plier with integral cutting edge. It features bi-material grips and return spring.



CONTRACTOR
Just the job

PART NO. DESCRIPTION

E12-3356 SNIPE NOSE PLIERS - 130MM (5 1/4")

MILLS MASTERCLASS PROFESSIONAL SCREWDRIVERS

With bi-material "Energy Grip" handles for extra grip and added comfort. The blades are produced from chrome vanadium steel with wear resistant shot blasted tips. Colour coded handle insert provides easy recognition. Supplied with Lifetime Guarantee.

Sizes quoted are for blade length only.



PLAIN SLOT Grey colour coded insert

PART NO. DESCRIPTION

F70-4255	SLOTTED 75 X 3MM
F70-4257	SLOTTED 150 X 3MM
F70-4258	SLOTTED 100 X 4MM
F70-4806	SLOTTED 75 X 5MM
F70-4259	SLOTTED 100 X 5MM
F70-4260	SLOTTED 150 X 5MM
F70-4261	SLOTTED 200 X 5MM
F70-4262	SLOTTED 250 X 5MM
F70-4250	SLOTTED CHUBBY 38 X 6MM
F70-4291	SLOTTED 100 X 6MM
F70-4251	SLOTTED 150 X 6MM
F70-4252	SLOTTED 150 X 8MM
F70-4254	SLOTTED 250 X 9.5MM

POZIDRIVE® Blue colour coded insert

PART NO. DESCRIPTION

F70-4266	POZI® 60MM X NO 0
F70-4267	POZI® 75MM X NO 1
F70-4268	POZI® 100MM X NO 2
F70-4269	POZI® 250MM X NO 1
F70-4270	POZI® 250MM X NO 2
F70-4287	POZI® CHUBBY 38MM X NO 1
F70-4265	POZI® CHUBBY 38MM X NO 2

6PC MILLS STANDARD SCREWDRIVER SET

Comprising:

F70-4255	SLOTTED 75 x 3mm
F70-4259	SLOTTED 100 x 5mm
F70-4291	SLOTTED 100 x 6mm
F70-4252	SLOTTED 150 x 8mm
F70-4267	POZI® 75mm x No 1
F70-4268	POZI® 100mm x No 2



PART NO. DESCRIPTION

F70-4288	6PC MILLS SCREWDRIVER SET
----------	---------------------------

10PC COMPREHENSIVE SCREWDRIVER SET

Comprising:

F70-4250	SLOTTED 38 x 6mm	F70-4291	SLOTTED 100 x 6mm
F70-4255	SLOTTED 75 x 3.2mm	F70-4252	SLOTTED 150 x 8mm
F70-4259	SLOTTED 100 x 5mm	F70-4266	POZI® 60mm x No 0
		F70-4267	POZI® 75mm x No 1
		F70-4268	POZI® 100mm x No 2
		F70-4287	POZI® 38mm x No 1
		F70-4265	POZI® 38mm x No 2



PART NO. DESCRIPTION

F70-5009	10PC MILLS S/DRIVER SET
----------	-------------------------

3PC MILLS LONG SERIES SCREWDRIVER SET

Comprising:

F70-4262	SLOTTED 250 x 5mm
F70-4269	POZI® 250mm x No 1
F70-4270	POZI® 250mm x No 2



PART NO. DESCRIPTION

F70-8720	3PC MILLS LONG SERIES SCREWDRIVER SET
----------	---------------------------------------



MILLS 'CONTRACTOR' 6 PIECE SCREWDRIVER SET

Engineering grade screwdriver set. Each of the six screwdrivers have chrome vanadium blades with induction hardened blackened tips and benefit from ergonomic bi-material handles which give higher leverage. The set comprises four slotted drivers, 3 x 75mm, 5 x 100mm, 6 x 100mm, 8 x 150mm and two Pozidrive™ PZ1 x 75mm and PZ2 x 100mm.

CONTRACTOR
Just the job



PART NO.	DESCRIPTION
E22-6394	MILLS 'CONTRACTOR' 6 PIECE SCREWDRIVER SET
E22-1930	MILLS 'CONTRACTOR' 3 X 75MM FLATHEAD SCREWDRIVER
E22-1931	MILLS 'CONTRACTOR' 5 X 100MM FLATHEAD SCREWDRIVER
E22-1932	MILLS 'CONTRACTOR' 6 X 100MM FLATHEAD SCREWDRIVER
E22-1933	MILLS 'CONTRACTOR' 8 X 150MM FLATHEAD SCREWDRIVER
E22-1934	MILLS 'CONTRACTOR' PZ1 X 75MM POZIDRIVE™ SCREWDRIVER
E22-1935	MILLS 'CONTRACTOR' PZ2 X 100MM POZIDRIVE™ SCREWDRIVER

PRECISION 7 PIECE SCREWDRIVER SET

With swivel heads for finger tip control.

The set is supplied in carry case and comprises:

- 1.5 x 50mm Slotted
- 2.0 x 50mm Slotted
- 2.5 x 50mm Slotted
- 3.0 x 50mm Slotted
- 000 x 50mm Phillips®
- 00 x 50mm Phillips®
- 0 x 50mm Phillips®

Mills
MASTER
class
As good as it gets

LIFETIME
GUARANTEE



PART NO.	DESCRIPTION
F14-3501	7 PC GENERAL SCREWDRIVER SET

MILLS SYSTEM ZERO TAMPERPROOF SCREWDRIVER

Specialist driver with hardened steel blade and bi-material handle designed to suit System Zero machine M2.5, M3 and System. Specialist driver with hardened steel blade and bi-material handle designed to suit System Zero machine M2.5, M3 and System Zero self tapping screws No 4 and No 6.

Ideal for repeated use and when more leverage is required.



Mills
MASTER
class
As good as it gets

PART NO.	DESCRIPTION
F00-1041	MILLS SYSTEM ZERO TAMPERPROOF SCREWDRIVER

MILLS MASTERCLASS VDE SCREWDRIVER SET 7 PIECE

Our premier range of VDE screwdriver, certified and individually tested to 10,000v for complete safety when working on live equipment up to 1000v.

These screwdrivers feature premium quality non magnetised chrome SVCN steel blade, hardened and tempered for optimum performance.

The dual colour handles have been designed to fit perfectly into the hand to allow for a fast, comfortable and ergonomic screwdriving experience.

Certified to EN IEC 60900 (VDE 0682-201):2019-04; EN IEC 60900:2018.



Comprises: 4 x plain slot screwdrivers: 3.0 x 100, 4.0 x 100, 5.5 x 125 and 6.5 x 150mm and 3 x Phillips screwdrivers: No.0 x 60, No.1 x 80 and No.2 x 100mm.

PART NO. DESCRIPTION

F70-2884	MILLS VDE SCREWDRIVER SET 7 PIECE
F70-2885	SLOTTED 3 X 100 MM SCREWDRIVER 1000V VDE
F70-2886	SLOTTED 4 X 100 MM SCREWDRIVER 1000V VDE
F70-2887	SLOTTED 5.5 X 125 MM SCREWDRIVER 1000V VDE
F70-2888	SLOTTED 6.5 X 150 MM SCREWDRIVER 1000V VDE
F70-2890	POZI NO 0 X 60MM SCREWDRIVER 1000V VDE
F70-2892	POZI NO 1 X 80MM SCREWDRIVER 1000V VDE
F70-2893	POZI NO 2 X 100MM SCREWDRIVER 1000V VDE

A) MILLS 1000V VDE APPROVED FULLY INSULATED SCREWDRIVER SET

Hardened chrome vanadium steel shanks with chemically-blackened magnetic tips. Insulated shafts and ergonomic handles.

A



PART NO. DESCRIPTION

E22-1940	A) SCREWDRIVER SET 1000V VDE INSULATED 6 PIECE
----------	--

B) MILLS SCREWDRIVERS 1000V VDE - SOLD SEPARATELY

B



PART NO. DESCRIPTION

E22-1942	B) SCREWDRIVER 1000V VDE SLOTTED 75 X 3MM
E22-1944	B) SCREWDRIVER 1000V VDE SLOTTED 100 X 4MM
E22-1945	B) SCREWDRIVER 1000V VDE SLOTTED 125 X 5.5MM
E22-1946	B) SCREWDRIVER 1000V VDE SLOTTED 150 X 6.5MM
F02-1094	B) SCREWDRIVER 1000V VDE POZI 75MM X NO 0
E22-1947	B) SCREWDRIVER 1000V VDE POZI 80MM X NO 1
E22-1948	B) SCREWDRIVER 1000V VDE POZI 100MM X NO 2



METRIC HEX KEY SET 1.5 - 6.0MM

8 piece set comprising 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 5.5 and 6mm keys in a polypropylene holder - Manufactured from hardened and tempered Chrome Vanadium steel with chemically blackened rust resistant finish.



CONTRACTOR
Just the job

PART NO. DESCRIPTION

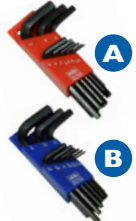
H72-1002 METRIC HEX KEY SET 1.5 - 6.0MM

A) METRIC HEX KEY SET 1.5 - 10MM

10 piece set comprising 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 5.5, 6.0, 8.0 and 10mm keys in a polypropylene holder. Manufactured from hardened and tempered Chrome Vanadium steel with chemically blackened rust resistant finish.

B) AF HEX KEY SET 1/16" - 3/8"

AF-Hexagon Key Set 1/16-3/8 AF - 10 piece set comprising 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16 and 3/8 keys in a polypropylene holder. Manufactured from hardened and tempered Chrome Vanadium steel with chemically blackened rust resistant finish.



CONTRACTOR
Just the job

PART NO. DESCRIPTION

H33-3020 A) METRIC HEX KEY SET 1.5 - 10MM

H33-3021 B) AF HEX KEY SET 1/16" - 3/8"

BALL END HEX KEY SETS

Manufactured from hardened and tempered Chrome Vanadium steel with chemically blackened rust resistant finish. The ball type hexagon tip allows the key to be used at up to a 30° angle to the fixing.

A) H01-1528

Comprises: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 5.5, 6.0, 8.0 and 10mm keys.

B) H01-1529

Comprises: 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16 and 3/8 keys.

**PART NO. DESCRIPTION**

H01-1528 A) BALL END KEY SET 1.5 - 10MM

H01-1529 B) BALL END KEY SET 1/16" - 3/8"AF

7 PIECE MINI TORX® SET

7 piece mini Torx set covering sizes from T6 to T20. Features hardened and tempered chrome alloy steel blades with black oxidised tips. Revolving top design handle offers added user comfort whilst allowing more torque to be applied. The set is supplied in a storage case and comprises T6 x 50, T7 x 50, T8 x 50, T9 x 50, T10 x 50, T15 x 60 and T20 x 60.

**PART NO. DESCRIPTION**

F72-3040 7 PIECE MINI TORX® SET

MILLS PROFESSIONAL NUT DRIVERS

With bi-material "Energy Grip" handles for extra grip and added comfort.

Photo is for illustration purpose only and handle may be subject to change.

**PART NO. DESCRIPTION**

F70-4281 5MM NUT DRIVER

F70-4282 5.5MM NUT DRIVER

F70-4283 6MM NUT DRIVER

F70-4284 7MM NUT DRIVER

F70-4285 8MM NUT DRIVER

F70-4286 10MM NUT DRIVER

GAS METER UNION WRENCH 3/4" X 1" BS

Chrome vanadium spanner to suit all 1" and 3/4" BS 746 meter union nuts and adaptors.

**PART NO. DESCRIPTION**

H70-5396 GAS METER UNION WRENCH 3/4" X 1" BS

CHROME VANADIUM ADJUSTABLE WRENCHES

Traditional Crescent Shaped Adjustable Wrench, manufactured from Chrome Vanadium Steel, hardened and tempered with chrome plated finish. The jaws are offset at an angle of 22 degrees for ease of access.

The 6", 8", 10" and 12" versions have insulated comfort grips.



CONTRACTOR
Just the job

PART NO. DESCRIPTION

H72-1380 4" ADJUSTABLE WRENCH

H72-6380 6" ADJUSTABLE WRENCH (COMFORT GRIP)

H72-6381 8" ADJUSTABLE WRENCH (COMFORT GRIP)

H72-6382 10" ADJUSTABLE WRENCH (COMFORT GRIP)

H72-6383 12" ADJUSTABLE WRENCH (COMFORT GRIP)

H72-1385 15" ADJUSTABLE WRENCH

H72-1386 18" ADJUSTABLE WRENCH

OPEN ENDED WRENCH SET

Supplied in woven canvas type toolroll and comprising:
6 x 7mm, 8 x 9mm, 10 x 11mm, 12 x 13mm, 14 x 15mm,
16 x 17mm, 18 x 19mm and 20 x 22mm

Mills open end wrenches are manufactured using high-specification precision drop forging which ensures uniform steel grain structure providing optimum strength. Mirror finish.



PART NO. DESCRIPTION

H70-5395 8 PIECE OPEN ENDED WRENCH SET 6-22MM

COMBINATION WRENCH SET

Supplied in woven canvas type toolroll and featuring "Profile Drive" on the ring end to prevent damage to workpiece and provide better operator safety. The Mills combination wrenches are manufactured using high-specification precision drop forging which ensure uniform steel grain structure providing optimum strength.

Comprising: 6, 7, 8, 9, 10, 12, 13, 14, 15, 17, 19, 22 and 24mm.



PART NO. DESCRIPTION

H70-5394 13 PIECE COMBINATION WRENCH SET 6-24 MM

A) OPEN ENDED RATCHETING COMBINATION SPANNER

Open end set at 15°. HI-TORQ® ring end manufactured with 72 teeth ratcheting mechanism. Forged from chrome vanadium steel, hardened, tempered, chrome plated. Length 132mm. Available 7, 8, 10 and 13mm.



PART NO. DESCRIPTION

H70-2011 A) 7MM RATCHETING COMBINATION SPANNER
H70-7368 A) 8MM RATCHETING COMBINATION SPANNER
H70-2038 A) 10MM RATCHETING COMBINATION SPANNER
H70-2039 A) 13MM RATCHETING COMBINATION SPANNER
H70-5393 B) RATCHET SPANNER SET 8-19MM

B) 6 PIECE FLEXIBLE RATCHET SPANNER SET

These Chrome Vanadium spanners have flexible ratchet heads, which can turn through 180°, allowing them to be used in more awkward to reach places at any angle. Each spanner has a 72 fine-tooth mechanism. A useful arrow illustration is etched in the spanner to indicate the direction of torque. 180° head for access into tight places. 5° Fine Ratchet Mechanism. This set comprises the following sizes: 8mm, 10mm, 13mm, 15mm, 17mm and 19mm.

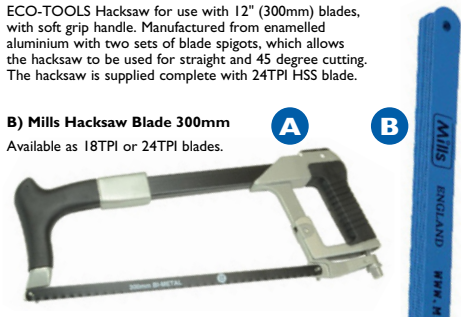


HACKSAWS**A) ECO-TOOLS Hacksaw 12" 300mm**

ECO-TOOLS Hacksaw for use with 12" (300mm) blades, with soft grip handle. Manufactured from enamelled aluminium with two sets of blade spigots, which allows the hacksaw to be used for straight and 45 degree cutting. The hacksaw is supplied complete with 24TPI HSS blade.

B) Mills Hacksaw Blade 300mm

Available as 18TPI or 24TPI blades.

CONTRACTOR
Just the job**PART NO. DESCRIPTION**

E22-6393	A) CONTRACTOR HACKSAW 12" 300MM
N21-1604	B) MILLS 12" (300MM) 18 TPI BLADE (EACH)
N70-7979	B) MILLS 12" (300MM) 24 TPI BLADE (EACH)

JUNIOR AND MINI HACKSAWS**A) ECO-TOOLS Mini Hacksaw**

General purpose mini hacksaw with comfort grip handle and powder coated frame. Thumb screw fixing for quick replacement and tensioning of blade. Supplied complete with 150mm carbon steel 32 TPI blade.

B) Junior Hacksaw Blades Pk of 10

General purpose 150mm carbon steel 32 TPI blades with pinned ends.

CONTRACTOR
Just the job**PART NO. DESCRIPTION**

E22-6585	A) CONTRACTOR MINI SAW
N04-1616	B) JUNIOR HACKSAW BLADES PK OF 10

SPRING BACK SAFETY KNIFE

Specialist safety knife complete with a two notch blade which retracts automatically when released. Die cast zinc alloy with enamelled blue finish. Supplied complete with one knife blade.

**CONTRACTOR**
Just the job**PART NO. DESCRIPTION**

E22-1955	CONTRACTOR SPRING BACK SAFETY KNIFE
N72-6586	MILLS REPLACEMENT BLADES PK10

QUICK CHANGE RETRACTABLE KNIFE

- Blade chamber release button
- Blade advance button
- Includes 5 high-grade steel blades
- Spring-loaded blade chamber holds 5 standard blades
- Cable sheath stripper
- Blade release button
- Durable, lightweight, aluminum body
- Comfortable ergonomic design.

**Mills MASTER**
As good as it gets**PART NO. DESCRIPTION**

N72-6574	MILLS QUICK CHANGE RETRACTABLE KNIFE
N72-6586	MILLS REPLACEMENT BLADES PK10

A) KNIFE POCKET NO. 2

Folding pocket knife with 60mm stainless curved pruning blade and yellow ABS handle, specifically designed for the telecommunication industry.

B) KNIFE SHARPENER 1A

Retractable pen-type pocket knife sharpener. High carbon Chrome Vanadium 95mm round blade with orange ABS handle incorporating a pocket clip.

**PART NO. DESCRIPTION**

N12-6547	A) MILLS POCKET KNIFE
N00-3011	B) KNIFE SHARPENER

MILLS COLD CHISELS AND BRICK BOLSTERS

A) Mills 60mm Cold Chisel with Hand Guard. Electricians bolster with hand guard 230 x 60mm (9 x 2 1/4") manufactured from hardened and tempered steel, and benefiting from an impact absorbing hand protection grip.

B) Mills 25mm Cold Chisel with Hand Guard. Cold Chisel with hand guard 250 x 25mm (10 x 1") manufactured from hardened and tempered steel, and benefiting from an impact absorbing hand protection grip.

C) Mills 75mm Brick Bolster with Hand Guard. Brick Bolster with hand guard 250 x 75mm (10 x 3"). Manufactured from hardened and tempered steel, and benefiting from an impact absorbing hand protection grip.

D) Mills 100mm Brick Bolster with Hand Guard. Brick Bolster with hand guard 250 x 100mm (10 x 4"), manufactured from hardened and tempered steel, and benefiting from an impact absorbing hand protection grip.

**Mills MASTER**
As good as it gets**PART NO. DESCRIPTION**

J62-6638	A) MILLS 60MM COLD CHISEL WITH HAND GUARD
E22-2656	B) MILLS 25MM COLD CHISEL WITH HAND GUARD
J62-8168	C) MILLS 75MM BRICK BOLSTER WITH HAND GUARD
J04-1249	D) MILLS 100MM BRICK BOLSTER WITH HAND GUARD

CLAW HAMMERS

- A) 16oz Claw Hammer with Chrome plated tubular steel shaft. With non-slip, shock absorbing flock filled vinyl grips, resistant to heat, oil and most solvents.
- B) 20oz Claw Hammer with Chrome plated tubular steel shaft. With non-slip, shock absorbing flock filled vinyl grips, resistant to heat, oil and most solvents.
- C) 16oz Fibre glass shafted claw hammer fitted with non slip vinyl grip.

**PART NO. DESCRIPTION**

J53-3000	A) 16OZ CLAW HAMMER
J53-3001	B) 20OZ CLAW HAMMER
E22-1954	C) CONTRACTOR 16OZ CLAW HAMMER (FIBRE)

QUALITY DROP FORGED BALL PEIN HAMMERS

With hickory shafts. Conforms to BS876.

- A) J53-1002 - This 1/4lb ball pein hammer is manufactured from carbon steel with hardened point.
- B) J53-1011 - This 1/2lb ball pein hammer has a drop forged polished and black head with sanded and lacquered hickory shaft.
- C) J53-1005 - This 1lb ball pein hammer has a drop forged polished and black head with sanded and lacquered hickory shaft.
- D) J53-1762 - Universal engineers ball pein hammer, precision ground with hardened striking faces to withstand the rigours of all applications.

**PART NO. DESCRIPTION**

J53-1002	A) 1/4 LB BALL PEIN HAMMER
J72-1001	B) 1/2 LB BALL PEIN HAMMER
J53-1005	C) 1 LB BALL PEIN HAMMER
J53-1762	D) 2 LB BALL PEIN HAMMER

DROP FORGED CROSS PEIN HAMMERS

- A) E22-6391 - This cross pein pin hammer has a forged polished and black head with sanded and lacquered hickory shaft.
- B) J53-1012 - This 1/2lb cross pein hammer has a forged polished and black head with sanded and lacquered hickory shaft.
- C) J53-1014 - This 1lb cross pein hammer has a forged polished and black head with sanded and lacquered hickory shaft.
- D) J72-7864 - 4oz fibre shaft cross pein pin hammer has a forged polished and black head and has a long life fibre glass shaft.

**PART NO. DESCRIPTION**

E22-6391	A) 3.5OZ CONTRACTOR CROSS PEIN PIN HAMMER
J53-1012	B) 1/2 LB CROSS PEIN HAMMER
J53-1014	C) 1 LB CROSS PEIN HAMMER
J72-7864	D) 4OZ FIBRE SHAFT CROSS PEIN PIN HAMMER

CLUB (LUMP) HAMMER

2.5lb and 4lb lump hammers with drop forged polished and black head with sanded and lacquered hickory shaft.



CONTRACTOR
Just the job

PART NO. DESCRIPTION

J75-1020	2 1/2 LB CLUB HAMMER
J75-1021	4 LB CLUB HAMMER

MILLS 'CONTRACTOR' WHITE RUBBER Mallet

With a rubber head and hardwood shaft weighing 680g (24oz).



CONTRACTOR
Just the job

PART NO. DESCRIPTION

E22-6390	MILLS 'CONTRACTOR' WHITE RUBBER Mallet
----------	--

MILLS 'CONTRACTOR' 125MM FLUSH CUTTERS

A forged 125mm (5") high quality flush cutter ideal for cutting nylon cable ties and copper wire up to a diameter of 1mm (18SWG). This side cutter has a return spring to assist with repetitive cutting applications.

The nipper has a polished head and blue PVC dipped handles.



CONTRACTOR
Just the job

PART NO. DESCRIPTION

E72-0617 MILLS 'CONTRACTOR' FLUSH CUTTER 125 MM

MILLS MASTERCLASS CABLE & KEVLAR SCISSORS

Scissors for cutting copper cable and can also be used for cutting Kevlar strength members found in fibre optic cables.

The serrated scissor blades reduce slipping and the ergonomic, moulded handles provide comfort for both right and left-handed users.

Length: 140mm.



Mills
MASTER
class
As good as it gets

PART NO. DESCRIPTION

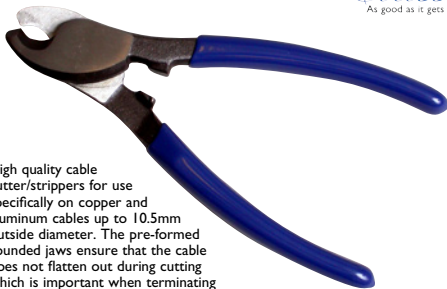
N70-0350 MILLS MASTERCLASS CABLE SCISSORS 140MM

MILLS MASTERCLASS CABLE CUTTERS FOR 10.5MM O.D.

Mills
MASTER
class
As good as it gets

High quality cable cutter/strippers for use specifically on copper and aluminum cables up to 10.5mm outside diameter. The pre-formed rounded jaws ensure that the cable does not flatten out during cutting which is important when terminating the cable.

Overall length 160mm.



PART NO. DESCRIPTION

E00-1113 MILLS MASTERCLASS 10.5MM CABLE CUTTERS

CONTRACTOR CABLE CUTTER FOR 20MM DIAMETER



A cost-effective general purpose cable cutter for copper cable up to a diameter of 20mm with PVC blue dipped handles.

Overall length: 250mm.

CONTRACTOR
Just the job

PART NO. DESCRIPTION

E22-6376 CONTRACTOR CABLE CUTTER 20MM

MILLS COAXIAL CABLE CUTTER

A specialist cable cutter with v-shaped blades for quick and accurate cutting of RG6, RG58, RG59 and CT100 coaxial cables with copper, aluminium or steel conductors.

The cutter can also be used on other coax and general cables up to a diameter of 10.5mm.

The cutter further benefits from a handle locking lever for safe, easy storage and comfort grip handles.

Overall length: 165mm.



PART NO. DESCRIPTION

E00-6176 MILLS COAXIAL CABLE CUTTER

MILLS MASTERCLASS CABLE CUTTER 2B (450MM)

Mills
MASTER
class
As good as it gets



High leverage parrot beaked cable cutter suitable for cutting non-armoured and non-ferrous cables of up to a maximum 25mm diameter.

Overall length 450mm.

PART NO. DESCRIPTION

E66-6891 MILLS MASTERCLASS CABLE CUTTER 2B - 450MM

FLOOR LIGHT

Floor Site Light 20W
LED 1800 Lm 110v.

**PART NO. DESCRIPTION**

P40-3537 FLOOR SITE LIGHT 20W LED 1800 LM 110V

MILLS RECHARGEABLE LED SITE FLOODLIGHT 10W

Lithium-Ion Rechargeable Portable Worklight. Includes mains charger and cigarette lighter adaptor for charging from vehicles.

- 10W
- IP44 rated
- Pivoting head

Ref: 082862

**PART NO. DESCRIPTION**

M99-5797 MILLS RECHARGEABLE LED SITE FLOODLIGHT 10W

MILLS INTRINSICALLY SAFE TORCH

A portable, handheld intrinsically safe flashlight, ATEX IECEx Approved, for use in hazardous locations and can be powered with three size C alkaline cells (not included). It has high and low mode operating functions that allow users to operate for high brightness or long duration lighting. The torch further benefits from a pocket clip and wall fixing bracket.

- Intrinsically safe for use in hazardous locations
- High and Low mode functions
- Uses high power CREE LED
- Submersible in water
- Tough and durable casing
- Highly efficient heatsink
- Screw fastener for safety precautions
- Build-in release vent

**PART NO. DESCRIPTION**

M14-6884 MILLS INTRINSICALLY SAFE TORCH

MILLS INTRINSICALLY SAFE RIGHT ANGLE ATEX TORCH

Mills intrinsically safe ATEX right angle hand torch has a rugged design which ensures that it's ready for almost any challenge. Featuring a stainless steel clip on the rear for easy attachment to a pocket loop on overalls, or to a tool belt.

Specification:

- Up to 325 Lumens
- 290 metre beam
- Runs for up to 13 hours
- Requires 4 x AA batteries (not included)
- Stainless steel pocket/belt clip
- Lockable battery compartment
- Supplied with wrist strap
- Gas pressure release valve
- Robust polycarbonate housing
- Certifications and standards include ATEX and IECEx for gas and mining environments
- CE Marked
- IP54 Rated
- Dimensions: 183 x 69 x 63mm

**PART NO. DESCRIPTION**

M14-0652 MILLS INTRINSICALLY SAFE RIGHT ANGLE TORCH

MILLSLITE LED TORCH WORKLIGHT

A) M99-6916 Millslite Combined LED Torch and Worklight.

Millslite Combined LED Torch And Worklight. Length 170mm with a diameter of 43mm, weight 280g.

B) M99-6998 Mills Magnetic Torch Holder.

Designed to be used in conjunction with the Mills M99-6916 'Millslite LED Torch and Worklight', the holder is ideal for accurate positioning on most magnetic surfaces and benefits from 4 friction pads which prevent damage to the work area and also provide additional grip on sheer finishes.

**PART NO. DESCRIPTION**

M99-7559 A) MILLSLITE LED TORCH WORKLIGHT

M99-6998 B) MILLS MAGNETIC TORCH HOLDER

MILLS LED HEAD TORCH

Professional LED Head Torch, ideal for proximity lighting for inspection work producing 150 lumens with a maximum range of 25 metres. The head torch benefits from a fully adjustable washable 25mm head strap, and has 180 degree lamp adjustment. This heavy duty style head torch features 2 white lighting modes and 1 red light option, for preserving night vision.

The product is supplied in black ABS and requires 3 x AAA batteries (not provided) with a working time of 6-10 hours.

Ingress protection: IP44 Rating
LED Lifetime: 100,000 hours.
Dimensions: 60 x 45 x 60mm.
Weight: 56g.

**PART NO. DESCRIPTION**

M99-7576 MILLS LED HEAD TORCH

MILLS 24 LED HAND INSPECTION LIGHT

Powerful 24 white LED Inspection worklight producing 30 lumens and ideal for providing proximity lighting for inspection work. The lamp has a durable ABS case with swivel hook and magnet fixing for positioning the torch in the workplace.

Supplied with 3 x AA Batteries.

Weight: 120g.

Dimensions: 201 x 60 x 30mm.



PART NO.	DESCRIPTION
M14-0624	24 LED HAND INSPECTION LIGHT

MINI MILLSLITE CREE LED TORCH

Mini Millslite Cree LED Torch. Manufactured from high quality corrosion resistant and durable aluminium. This mini torch is ideal for minor inspection applications and is easily stored in a small tool wallet or pocket. The torch is powered by 2 x AA cell batteries (not included) and uses an intense XPG Cree 3w LED. The beam of the Mini Millslite torch can easily be adjusted from flood and spot.

Length 147mm with a diameter of 29mm, weight 102g.



PART NO.	DESCRIPTION
M99-6914	MINI MILLSLITE CREE LED TORCH

MILLS 'CONTRACTOR' STANDARD CAULKING GUN

An economy mastic or sealant gun for use with most 310ml cartridges. Formerly R99-1217.



CONTRACTOR
Just the job

PART NO.	DESCRIPTION
E22-6395	MILLS 'CONTRACTOR' STANDARD CAULKING GUN

MILLS 'CONTRACTOR' PROFESSIONAL CAULKING GUN

Professional sealant gun with frictionless movement which allows for precise control for a more controlled delivery of sealant and mastic. The product has been specially designed for heavy duty applications and is suitable for use with standard 310ml mastic cartridges. Formerly R70-7850.

CONTRACTOR
Just the job



PART NO.	DESCRIPTION
E22-6392	MILLS 'CONTRACTOR' PROFESSIONAL CAULKING GUN

MILLS LED RECHARGEABLE LAMP WITH MAGNETIC BASE

This powerful IP67 work light has 9 high intensity LEDs producing up to 1800 lumens and incorporates a strong magnetic base with angled head, making it ideal for fixing to cabinets and vehicles.

The work lamp has 3 light mode setting to include high brightness, normal brightness, SOS (flash) - Red/Blue/Amber Flash.

On a full charge the lamp can provide lighting for up to 16 hours and is rechargeable using the 240v charger in 5 hours.

Supplied with both 240v mains and 12v DC car chargers.



PART NO.	DESCRIPTION
M99-4018	MILLS LED RECHARGEABLE LAMP WITH MAGNETIC BASE

MILLS EXTRA HEAVY DUTY 7.5M TAPE MEASURE

An exceptionally robust tape measures with rubberised shell, capable of withstanding the most harsh working conditions.

The yellow power return blade is easily locked by a positive lever action. All tape measures are fitted with metal belt clips. The extra wide blades are very clearly marked in 1/16ths and mm. This 7.5m (24ft) tape measure features a 25mm (1") wide blade.



Mills
MASTERCLASS
As good as it gets

PART NO. DESCRIPTION

K70-5012 7.5M (24FT) TAPE MEASURE

FUSION U TAPE MEASURE 0-67U 3M

The Fusion 'U' Tape Measure enables the installer to quickly survey data, server and AV cabinet rack locations to easily identify the correct sized unit for the job.

The tape measure has an integral belt clip, a 13mm wide dual scaled blade, measuring 0-67U and 0-3 metres and can be locked at any length.



Fusion
ALTOGETHER BETTER

PART NO. DESCRIPTION

K70-7663 FUSION U TAPE MEASURE 0-67U 3M

CONTRACTOR MEASURING WHEEL

Ideal for the precision measurement of roads, pavements or land up to a distance of 9999.9 metres. This distance measuring surveyors wheel has a folding handle with retaining clip making it easy to store, and further benefits include a quick retractable foot stand.

Product Features:

- Long distance measuring wheel with foldable handle
- Perfect for surveyors, builders and cabling installers
- One person operation: automatically records measurements as you walk, simply press the "Reset" button and start walking
- Counter adds when moving forward and subtracts when reversing
- Strong, foldable tubular steel handle with retaining clip
- Clear and easy to read read
- Wheel Diameter: 31.8cm (12.5")
- Overall Length: 104cm
- Weight: Approx 2.3kg



CONTRACTOR
Just the job

PART NO. DESCRIPTION

S00-6671 CONTRACTOR MEASURING WHEEL

MILLS MASTERCLASS 5M/16FT TAPE MEASURE

The 5m/16ft Retractable Tape Measure is a heavy duty 25mm width tape with positive blade lock and strong belt clip. It has a rubberised case capable of withstanding most harsh working applications. The yellow dual scale blade measures cm/mm as well as 1/4"/1/16", and has a 3 rivet 10mm deep hook for securing to a work piece during measurement. A wrist strap is provided as standard for security, during measurement.



Mills
MASTERCLASS
As good as it gets

PART NO. DESCRIPTION

E22-6373 MILLS 5M/16FT TAPE MEASURE

CONTRACTOR MAGNETIC BASE SPIRIT LEVEL 240MM

Magnetic 3 vial die cast boat level for working tight areas and benefiting a horizontal, vertical and 45 degree vials. This torpedo level has a milled base with flush mounted magnets permitting hands-free measuring on steel surfaces. The solid acrylic vials are accurate to ± 1 mm per metre.

Length 240mm.



CONTRACTOR
Just the job

PART NO. DESCRIPTION

E22-2111 MAGNETIC BASE SPIRIT LEVEL 240MM

MILLS 'CONTRACTOR' POCKET SPIRIT LEVEL

Compact 125mm long aluminium body with pocket clip holder. Ideal for use when fitting surface mounted back boxes or similar in confined spaces.



CONTRACTOR
Just the job

PART NO. DESCRIPTION

E22-6371 MILLS 'CONTRACTOR' POCKET SPIRIT LEVEL

Fibre Tooling & Testing



Fibre Installation Gun

Fibre Toolkits

Fibre Tooling

Fibre Cleaning and
Lubricant Products

Fibre Test Equipment

FTTH INNOVATIONS F.I.G. FIBRE INSTALLATION GUN

F.I.G.

The Best In Class Handheld Cordless Air Blown Microfibre Installation Gun, For Fibre To The Home/Premises

Designed with the Drop Fibre installer in mind, the F.I.G. is a lightweight, battery-powered compact blowing gun that features an innovative and simple to use 'no-crush' fibre loading mechanism that prevents cable damage and wastage - in addition to saving the fibre installer valuable set up time.

It is optimised to deploy reeled ballistic microfibre up to 2.0mm diameter in 5mm, 6mm, 7mm and 8mm microducts over distances up to 2000 metres*.

This ergonomic pistol-shaped installation gun has a unique anti-buckle feature to prevent fibre damage whilst blowing. It provides extremely efficient air delivery performance, allowing it to be used with a small air compressor producing ≥ 80 L/min. (2.8 CFM) at 10 bar.

Its 'cruise control' technology enables hands-free operation.

The LCD screen on the top of the F.I.G. displays speed, distance, pushing force and battery life.

Adjustable push control and interchangeable adaptor plates enable the F.I.G. to be quickly and easily adapted to operate on different microfibre sizes and microducts.

The F.I.G. is available individually with optional extra tripod or as complete kit including F.I.G., Compressor, Tripod and Mills Fibre Blowing Toolkit for both overhead and underground applications.

PART NO. DESCRIPTION

F19-1000 FTTH FIBRE INSTALLATION GUN

MILLS PREMIER AIR BLOWN FIBRE INSTALLATION KIT

Our complete fibre blowing installation toolkit comprising all the essential equipment required to install optical fibre drop cables.

F19-1000 F.I.G. Fibre Installation Gun.

S00-1537

Factair 9a Fibrevane Air Compressor Petrol.

F19-1100 Premium Manfrotto Tripod and head for F.I.G. Fibre Installation Gun.

A10-6183 Blown Fibre Toolkit.

S83-1693

10m Air hose kit with fittings.



PART NO. DESCRIPTION

F10-1639 MILLS PREMIER AIR BLOWN FIBRE INSTALLATION KIT

Enter
'Mills man
with FIG'
into YouTube
to see video

Features:

- Pushing force and speed are both easily adjustable
- Innovative simple to use microfibre cable loading mechanism prevents the microfibre from being damaged or crushed during cable loading
- Active anti-buckle and 'no-crush' sensing device prevents damage to the microfibre during install
- LCD screen displays speed, distance, pushing force and battery life
- Microduct outside diameters 5, 6, 7, and 8 mm can be blown into using interchangeable gaskets
- Quick-change adaptor plates enable operation on different size microducts in seconds
- Quick-release microfibre reel dispenser post

Includes:

- 2 x Bosch 12v 2.0 Ah Lithium Ion batteries and 1 x 220/240v battery charger
- 1.2 mm adaptor plate set (for 1.1mm fibre cable) including gasket sets for 5mm, 6mm, 7mm and 8mm microducts
- Tough, impact-resistant, weatherproof case
- Water separator, replacement drive wheel, o-rings and gaskets
- Threaded anchor point for use with optional tripod mount or optional harness attachment

Specifications:

- Fibre Cable Diameter: Up to 2.0 mm
- Microduct Diameter: 5, 7, 8 mm outside diameter
- Blowing Distance: Up to 2000 metres (*depending on cable type and duct integrity)
- Blowing Speed: Up to 100 m/min (*depending on type of cable and duct integrity)
- Pressure & Airflow: For optimum performance a portable compressor producing ≥ 80 L/min (2.8 CFM) at 10 bar is recommended
- Hand arm vibration values: Aeq = 0.26ms/m2
- Dimensions: 400 x 350 x 90 mm (with fibre reel holder and battery pack fitted)
- Weight: 1.8 kg (with fibre reel holder and battery pack fitted)



F.I.G. FIBRE INSTALLATION GUN TRIPOD

3-section heavy duty aluminium lightweight tripod kit with 3-Way Head, specifically chosen for use with the FIG Fibre Installing Gun Tripod. It has a minimum height of 55cm and an extended vertically maximum height 175.5 cm and fixes to the FIG via a 6mm thread.

The maximum base diameter is 60cm and for storage, the tripod has a closed length of 74mm with a weight of 2.6kg.



PART NO. DESCRIPTION

F19-1100 FIBRE INSTALLATION GUN TRIPOD

F.I.G. FIBRE INSTALLATION GUN ACCESSORIES**PART NO. DESCRIPTION**

F19-1120	A) F.I.G. FIBRE INSTALLATION GUN ADAPTOR PLATE SET 1.2 MM (FOR 1.1 MM FIBRE CABLE) - SUPPLIED AS STANDARD WITH THE FIG
F19-1121	B) FIBRE INSTALLATION GUN ADAPTOR PLATE SET 1.75 MM (FOR 1.6 MM FIBRE CABLE)
F19-1122	C) FIBRE INSTALLATION GUN ADAPTOR PLATE SET 2.25 MM (FOR 2.00 MM FIBRE CABLE)
F19-1123	D) F.I.G. SPARE TOP & BOTTOM GREEN GASKET SET FOR 5 MM MICRODUCT
F19-1124	E) F.I.G. SPARE TOP & BOTTOM BLUE GASKET SET FOR 6 MM MICRODUCT
F19-1125	F) F.I.G. SPARE TOP & BOTTOM RED GASKET SET FOR 7 MM MICRODUCT
F19-1126	G) F.I.G. SPARE TOP & BOTTOM WHITE GASKET SET FOR 8 MM MICRODUCT
F19-1107	H) WATER SEPARATOR WITH METAL BOWL AND AIRLINE CONNECTORS FOR F.I.G. FIBRE INSTALLATION GUN
S83-1693	I) 10M AIR HOSE KIT WITH FITTINGS
F19-1108	J) F.I.G. FIBRE INSTALLATION GUN SET OF 2 RED FEED WHEEL TYRES
F19-1111	K) F.I.G. FIBRE INSTALLATION GUN RED RUBBER FIBRE REEL ARM DONUT
F19-1117	L) F.I.G. FIBRE INSTALLATION GUN 6.0AH 12V BATTERY
F19-1115	M) F.I.G. FIBRE INSTALLATION GUN 2.0AH 12V BATTERY
F19-1116	N) F.I.G. FIBRE INSTALLATION GUN 12V BATTERY CHARGER
F19-1128	O) F.I.G. REELER ARM MAGNETIC KNUCKLE ADAPTOR

MILLS FIBRE BLOWING MICRODUCT LUBRICANTS

A highly concentrated cable blowing lubricant, specifically designed for use inside microducts, ideally up to an internal diameter of 12mm.

This water-based low-viscosity lubricant flows quickly and easily inside microducts, reducing friction and increasing total blowing length.

Ideal for refilling the smaller 0.25 Litre resealable container version (S27-1962).

Please shake contents well before use!

A) Contents: 250ml

B) Contents: 1 Litre



PART NO. DESCRIPTION

S27-1962	A) FIBRE BLOWING MICRODUCT LUBRICANT 250ML
S27-1963	B) FIBRE BLOWING MICRODUCT LUBRICANT 1 LITRE

MILLS FIBRE BLOWING SUBDUCT LUBRICANTS

A specialist cable blowing lubricant for general fibre blowing applications, as well as subduct relining.

This lubricant reduces frictional drag during the blowing of fibre optical cable into ducts, increasing the total length of cable that can be blown.

A) Contents: 950ml

B) Contents: 3.8 Litre



PART NO. DESCRIPTION

S27-1960	A) FIBRE BLOWING SUBDUCT LUBRICANT 950ML
S27-1961	B) FIBRE BLOWING SUBDUCT LUBRICANT 3.8L

A) MILLS FIBRE OPTIC CABLE PULLING LUBRICANT 20L

Water-based, thin semi-gel, cable installation lubricant for fibre cable pulling operations.

Ideal for pulling both fibre optic cables and sub-ducts, eliminating up to 80% friction from the process.

Application by either sponge or a cable lubricating pump (S83-2667). **Contents: 20 Litre.**

B) PUMP LUBRICANT 2A

Pump used for applying cable lubricants.

Fits standard 20 litre drum. Supplied with 5m clear, plastic hose.

Ref: I27388.



PART NO. DESCRIPTION

S27-1959	A) MILLS FIBRE CABLE PULLING LUBRICANT 20 LITRE
S83-0709	B) PUMP LUBRICANT 2A

MILLS FIBRE CABLE DEGREASER 950ML

A high performance, alcohol-free cable gel solvent cleaner. Specifically developed for the safe and easy removal of cable gels and blocking compounds from fibre optic communication cables.

Removes dirt, grime, grease, tar, oil, wax, resin and gum from cables, tools, painted surfaces and equipment.

An ideal environment-friendly replacement for white spirit.

Best applied using wipes or towels.

Contents: 950ml



PART NO. DESCRIPTION

S27-1964	MILLS FIBRE CABLE DEGREASER 950ML
----------	-----------------------------------

MILLS OPTICAL FIBRE CLEANER 950ML

Optical Fibre Cleaner formulated for the cleaning of optical fibre and end faces.

An ideal and safer alternative to conventional IPA, that dissipates static to remove surface charges preventing surface re-contamination.

Fast-drying, water-based, non-toxic and non-flammable.

Ideal for refilling the smaller 60ml resealable container (S27-1965).

Contents: 950ml



PART NO. DESCRIPTION

S27-1966 MILLS OPTICAL FIBRE CLEANER 950ML

MILLS OPTICAL FIBRE CLEANER 60ML

Optical Fibre Cleaner formulated for the cleaning of optical fibre and end faces.

An ideal and safer alternative to conventional IPA, that dissipates static to remove surface charges preventing surface re-contamination.

Fast-drying, water-based, non-toxic and non-flammable.

Contents: 60ml



PART NO. DESCRIPTION

S27-1965 MILLS OPTICAL FIBRE CLEANER 60ML

MILLS IPA WATER MIX 1 LITRE

A mix of 90% Isopropyl Alcohol to 10% water for the use in cleaning fibre optic cable and connector end faces.

This solution should be decanted into a solvent dispenser (e.g. Mills C00-8296).

It should then be used in conjunction with cleaning wipes and buds for removing dirt and contamination from fibre connectors. The solution evaporates after application, leaving no residue.

WARNING!

Highly flammable, keep away from direct sun light, hot surfaces, sparks, open flames and other ignition sources. Do not expose to temperatures exceeding 50°C

Contents 1 Litre



PART NO. DESCRIPTION

C00-3036 MILLS IPA WATER MIX 1 LITRE

MILLS IPA SOLVENT SPRAY 400ML

Universal purpose solvent cleaner. 100% Isopropyl Alcohol.

For use with cleaning wipes and buds for removing dirt and contamination from fibre connectors. The IPA evaporates after application and leaves no residue.

WARNING!

Highly flammable, keep away from direct sun light, hot surfaces, sparks, open flames and other ignition sources. Do not expose to temperatures exceeding 50°C.



PART NO. DESCRIPTION

C00-4827 MILLS IPA SOLVENT SPRAY 400ML

MILLS FIBRE OPTIC CLEANING KIT

The Mills Fibre Optic Cleaning Kit is an essential product for field, exchange and data centre engineers, dealing with fibre installation and maintenance.

The kit contains all the products for cleaning, both 1.25mm (LC) and 2.5mm (SC) endfaces, ferrules and preparing fibre prior to splicing.

The kit is supplied in a convenient nylon storage bag, with integral pocket for our 0.3 litre sharps bin and enough space for fibre strippers and other associated fibre preparation tools.

Kit comprises:

S27-1965 Fibre Cleaner x2
C92-3025 SC Clicker
C92-3019 LC Clicker
C00-4316 Clean Wipes 90
C00-4317 300 Wipes
C00-8296 Mills IPA Dispenser 8oz
C00-6408 Sharps Bin 0.3l
C05-3357 Mills Fibre Optic Cassette Connector Cleaner
B72-0052 Mills Yellow Bag



PART NO. DESCRIPTION

C05-0061 MILLS FIBRE OPTIC CLEANING KIT

MILLS OPTICAL FIBRE CLEANER 950ML

Optical Fibre Cleaner formulated for the cleaning of optical fibre and end faces.

An ideal and safer alternative to conventional IPA, that dissipates static to remove surface charges preventing surface re-contamination.

Fast-drying, water-based, non-toxic and non-flammable. Ideal for refilling the smaller 60ml resealable container (S27-1965).

Contents: 950ml



PART NO. DESCRIPTION

S27-1966 MILLS OPTICAL FIBRE CLEANER 950ML

FIBRE OPTIC CASSETTE 1.25 AND 2.5MM CLEANER

A cost effective self-contained fibre connector cleaner is designed to remove fine particles from the optical faces of fibre connectors consistently providing high quality cleaning without alcohol or other solvents and effective for over 500 wipes. Cleans a wide variety of UPC and APC connectors such as SC, FC, ST, LC, MU, E2000.



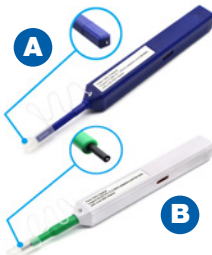
PART NO. DESCRIPTION

C05-3357 FIBRE OPTIC CASSETTE 1.25 AND 2.5MM CLEANER

LOW COST FIBRE CLEANING PENS AND CASSETTE CLEANER

Fibre optic pen cleaners, with push click action, for use with all common types of fibre connector and adaptor. Easy to use push click action and robust sturdy construction giving over 800 cleans.

Cleans connectors on Jump Leads and in adapters. Available for 2.5 mm (ST, SC, FC) and 1.25 mm (LC). Size W17.5 mm x H17.5 mm x L165 mm (Nozzle Extended L200 mm).



PART NO. DESCRIPTION

C92-3025 A) SC 2.5 MM CLEAN CLICK PEN
C92-3019 B) LC 1.25 MM CLEAN CLICK PEN

MILLS FIBRE OPTIC CLEANING WIPES BOX OF 100

Lint-free optical grade wipes for cleaning a variety of connector types including: LC, SC, ST, FC, E2000 and female (no guide pin) MPO connectors.

The wipes are ready to use and require no set up or assembly. Each box is designed to clean 600 connector end-faces or 100 bare fibres for fusion splicing.

Electrostatic dissipative cleaning surfaces prevent charging when wiping connector end-faces.



PART NO. DESCRIPTION

C00-4317 MILLS FIBRE OPTIC CLEANING WIPES BOX OF 100

MILLS FIBRE CABLE DEGREASER 950ML

A high performance, alcohol-free cable gel solvent cleaner. Specifically developed for the safe and easy removal of cable gels and blocking compounds from fibre optic communication cables.

Removes dirt, grime, grease, tar, oil, wax, resin and gum from cables, tools, painted surfaces and equipment.

An ideal environment-friendly replacement for white spirit.

Best applied using wipes or towels.

Contents: 950ml



PART NO. DESCRIPTION

S27-1964 MILLS FIBRE CABLE DEGREASER 950ML

MILLS FIBRE OPTIC WIPES PACK OF 90

Mills Fibre Optic Wipes are high quality, lint-free wipes engineered for cleaning bare fibre before splicing and for cleaning jumpers and other male connectors used in fibre optic networks.

Contents: 90 Wipes
Wipe Size: 120 x 53mm
Tub diameter: 70mm
Weight: 55g



PART NO. DESCRIPTION

C00-4316 MILLS FIBRE OPTIC WIPES PACK OF 90



MILLS BLOWN FIBRE TOOLKIT No.1 IN 20" RUGGEDISED TOOLBOX

A basic toolkit designed for the blown fibre engineer, comprising over 30 tools for the installation and connection of fibre ducting and subsequent blown fibre installation. It is supplied in a large capacity 20" (50cm), ruggedised tool box.

Kit Comprises:

- B70-6169** 20" (50cm) Ruggedised Toolbox
- M99-7576** Mills LED Head Torch
- C00-6409** 0.45 litre Sharps Box
- C71-6895** Sharpie Pen (PK 2)
- E00-0451** Collet Locking Tool
- E00-7292** Micro Duct Cutter
- E00-3021** Cutter Hand No 2
- E00-3646** 3 Piece 1000V Plier Set
- E00-5004** Kevlar Scissors
- N72-6375** Spring Back Knife
- E22-6585** Junior Hacksaw
- R99-5386** PVC Tape Black
- E00-6124** Tube Gauge
- J04-6467** Tube Reamer
- S83-6198** Mills Tri Head Duct Cutter
- E00-6691** Large Capacity Duct Cutter 0-30mm
- F02-3638** Screwdriver Set
- S14-3440** Safety Gauntlets
- R99-6590** Mills Wipes
- E22-6373** 5m Tape Measure
- S26-5924** Bolle Safety Glasses (not laser protective)
- M99-6914** Mini Millslite Cree LED Zoom Lens Torch



*Contents may vary slightly, please visit millsstd.com for the latest listing.

PART NO.	DESCRIPTION
A10-6183	MILLS BLOWN FIBRE TOOLKIT No.1

MILLS BLOWN FIBRE TOOLKIT No.2 IN 23" RUGGEDISED WATERPROOF TOOLBOX

A comprehensive toolkit designed for the blown fibre engineer, comprising over 50 tools for the installation and connection of fibre ducting and subsequent blown fibre installation. The Mills Blown Fibre Kit 2 is supplied in a large capacity 23" (58cm), ruggedised waterproof tool box.

Kit Comprises:

- B70-3347** 23" Ruggedised Toolbox
- C00-6409** 0.45 litre Sharps Box
- M99-7576** Mills LED Head Torch
- B94-2889** Parts Organiser
- C71-6895** Sharpie Pen (PK 2)
- E00-0451** Collet Tools
- E00-7292** Micro Duct Cutter
- E00-7643** Longitudinal Cutter 1A
- E00-3021** Cutter Hand No 2
- E00-3646** 3 Piece 1000V Plier Set
- E00-5004** Kevlar Scissors
- M99-6916** Mills Combined LED Torch & Worklight
- E00-6170** Mills 3 Way Fibre Stripper
- H01-1528** Metric Ball End Hex Key Set
- H72-6381** 8" Adjustable Spanner
- J04-3416** Electronic Vernier Caliper
- N72-6375** Spring Back Knife
- E22-6585** Junior Hacksaw
- R99-5386** PVC Tape
- E00-6124** Tube gauge
- J04-6467** Tube Reamer
- S83-6198** Mills Tri Head Duct Cutter
- E72-6782** Bead Crimper
- E00-6691** Large Capacity Duct Cutter 0-30mm
- F02-3638** Screwdriver Set
- S14-3440** Safety Gauntlets
- R99-6590** Mills Wipes
- E22-6373** 5m Tape Measure
- E12-6630** Connector Plier
- S26-5924** Bolle Safety Glasses (not laser protective)
- M99-6914** Mini Millslite Cree LED Zoom Lens Torch



*Contents may vary slightly, please visit millsstd.com for the latest listing.

PART NO.	DESCRIPTION
A10-6184	MILLS BLOWN FIBRE TOOLKIT No.2



FIBRE SPLICER'S KIT No.1 - IN MILLS FIBRE TOOL BAG

A fibre splicer's toolkit designed to be used in association with a Fusion Splicer that features the essential products required for most splicing applications. This version of the Fusion Splicer's Toolkit No.1 is supplied in a Mills Fibre Tool Bag.

Kit comprises:

B70-6917 Mills Fibre Tool Bag
C71-6895 Sharpie Pen (PK 2)
M99-5489 Mills LED Headtorch
E00-5004 Kevlar Scissors
E00-6170 Mills Masterclass 3-Way Fibre Stripper
N72-6375 Spring Back Knife
E70-5001 Fibre Ringing Tool
E00-0470 Cutter Longitudinal 1A
E15-1276 125mm Straight Tweezer
F70-4267 No1 x 75mm Pozidrive Screwdriver

F70-4291 Slotted Screwdriver 100mm x 6mm
C00-3038 Lint free Wipes Pack of 100
E00-1113 Cable Cutter 10.5mm Capacity
C00-6408 0.30 Litre Sharps Box
S26-5924 Bolle Safety Glasses (not laser protective)
M99-6914 Mini Millslite Cree LED Zoom Lens Torch

*Contents may vary slightly, please visit millsltd.com for the latest listing.

PART NO. DESCRIPTION

A10-6193 SPLICER'S KIT No.1 - IN MILLS FIBRE BAG

FIBRE SPLICER'S KIT No.1 - IN MILLS TOOL ROLL

A fibre splicer's toolkit designed to be used in association with a Fusion Splicer that features the essential products required for most splicing applications. This version of the Fusion Splicer's Toolkit No.1 is supplied in a tool roll.

Kit comprises:

B72-7900 Tool Roll
C71-6895 Sharpie Pen (PK 2)
M99-5489 Mills LED Headtorch
E00-5004 Kevlar Scissors
E00-6170 Mills Masterclass 3-Way Fibre Stripper
N72-6375 Spring Back Knife
E70-5001 Fibre Ringing Tool
E00-0470 Cutter Longitudinal 1A
E15-1276 125mm Straight Tweezer
F70-4267 No1 x 75mm Pozidrive Screwdriver
F70-4291 Slotted Screwdriver 100mm x 6mm
C00-3038 Lint free Wipes Pack of 100
E00-1113 Cable Cutter 10.5mm Capacity
C00-6408 0.30 Litre Sharps Box
S26-5924 Bolle Safety Glasses (not laser protective)
M99-6914 Mini Millslite Cree LED Zoom Lens Torch

*Contents may vary slightly, please visit millsltd.com for the latest listing.

PART NO. DESCRIPTION

A10-6194 SPLICER'S KIT No.1 - IN MILLS TOOL ROLL

FIBRE SPLICER'S KIT No.1 - IN MILLS TOOL BACKPACK

A fibre splicer's toolkit designed to be used in association with a Fusion Splicer that features the essential products required for most splicing applications. This version of the Fusion Splicer's Toolkit No.1 is supplied in a Mills Tool Backpack and comprises:

Kit comprises:

B72-6595 Mills Tool Backpack
C71-6895 Sharpie Pen (PK 2)
M99-5489 Mills LED Headtorch
E00-5004 Kevlar Scissors
E00-6170 Mills Masterclass 3-Way Fibre Stripper
N72-6375 Spring Back Knife
E70-5001 Fibre Ringing Tool
E00-0470 Cutter Longitudinal 1A
E15-1276 125mm Straight Tweezer
F70-4267 No1 x 75mm Pozidrive Screwdriver

F70-4291 Slotted Screwdriver 100mm x 6mm
C00-3038 Lint free Wipes Pack of 100
E00-1113 Cable Cutter 10.5mm Capacity
C00-6408 0.30 Litre Sharps Box
S26-5924 Bolle Safety Glasses (not laser protective)
M99-6914 Mini Millslite Cree LED Zoom Lens Torch

*Contents may vary slightly, please visit millsltd.com for the latest listing.

PART NO. DESCRIPTION

A10-6079 SPLICER'S KIT No.1 - IN MILLS TOOL BACKPACK

FIBRE SPLICER'S KIT No.2 - IN MILLS EUROCASE

A comprehensive fibre splicer's toolkit designed to be used in association with a Fusion Splicer, and covering all the major tooling products required for most splicing applications. This variant of the Mills Fusion Splicers Toolkit No.2 is supplied in a Mills Eurocase.

**Kit comprises:**

- B72-4262** Mills Eurocase
- M99-5489** Mills Headtorch
- E00-5004** Kevlar Scissors
- C00-6119** Visual Fault Locator
- M99-6914** Mini Millslite Cree Led Zoom Lens Torch
- E00-6170** Mills Masterclass 3-Way Fibre Stripper
- N72-6375** Spring Back Knife
- E00-0470** Mills Cutter Longitudinal 1A
- E70-5001** Fibre Ringing Tool
- H01-1528** Metric Ball End Hex Key set
- C00-8296** 4oz IPA Dispenser
- F70-4266** No.0 x 60mm Pozidrive Screwdriver
- F70-4267** No.1 x 75mm Pozidrive Screwdriver
- F70-4291** Slotted Screwdriver 100mm x 6mm
- T94-1120** 9 Compartment Parts Box
- E70-4253** 160mm Combination Plier
- E70-4255** 150mm Side Cutting Plier
- E22-6585** Junior Hacksaw
- E22-6373** Eco-Tools 5M Tape Measure
- E00-3021** Cable Cutter Hand No 2
- E00-1113** Cable Cutter 10.5mm Capacity
- C00-6408** 0.3 Litre Sharps Bin
- C05-5800** 1.25mm CleanClicker
- C05-5802** 2.5mm CleanClicker
- C05-3966** Connector Cleaner
- C05-1312** Cleanwipes
- C05-3967** Cleanwipes Cube
- S26-5924** Bolle Safety Glasses (not laser protective)
- C71-6895** Sharpie Pen (PK 2)

*Contents may vary slightly, please visit millsstd.com for the latest listing.

PART NO. DESCRIPTION

A10-6195 SPLICER'S KIT No.2 - IN MILLS EUROCASE

FIBRE SPLICER'S KIT No.2 - IN MILLS WIDE MOUTH TOOL BAG

A comprehensive fibre splicer's toolkit designed to be used in association with a Fusion Splicer, and covering all the major tooling products required for most splicing applications. This variant of the Mills Fusion Splicers Toolkit No.2 is supplied in a Mills Wide Mouth Tool Bag.



*Contents may vary slightly, please visit millsstd.com for the latest listing.

Kit comprises:

- B72-5810** Mills Wide Mouth Toolbag
- M99-5489** Mills Headtorch
- E00-5004** Kevlar Scissors
- C00-6119** Visual Fault Locator
- M99-6914** Mini Millslite Cree Led Zoom Lens Torch
- E00-6170** Mills Masterclass 3-Way Fibre Stripper
- N72-6375** Spring Back Knife
- E00-0470** Mills Cutter Longitudinal 1A
- E70-5001** Fibre Ringing Tool
- H01-1528** Metric Ball End Hex Key set
- C00-8296** 4oz IPA Dispenser
- F70-4266** No.0 x 60mm Pozidrive Screwdriver
- F70-4267** No.1 x 75mm Pozidrive Screwdriver
- F70-4291** Slotted Screwdriver 100mm x 6mm
- T94-1120** 9 Compartment Parts Box
- E70-4253** 160mm Combination Plier
- E70-4255** 150mm Side Cutting Plier
- E22-6585** Junior Hacksaw
- E22-6373** Eco-Tools 5M Tape Measure
- E00-3021** Cable Cutter Hand No 2
- E00-1113** Cable Cutter 10.5mm Capacity
- C00-6408** 0.3 Litre Sharps Bin
- C05-5800** 1.25mm CleanClicker
- C05-5802** 2.5mm CleanClicker
- C05-3966** Connector Cleaner
- C05-1312** Cleanwipes
- C05-3967** Cleanwipes Cube
- S26-5924** Bolle Safety Glasses (not laser protective)
- C71-6895** Sharpie Pen (PK 2)

PART NO. DESCRIPTION

A10-6196 SPLICER'S KIT No.2 - IN MILLS TOOL BAG

FIBRE SPLICER'S KIT No.2 - IN STANLEY FATMAX WATERPROOF TOOLBOX

*Contents may vary slightly, please visit millsstd.com for the latest listing.

A comprehensive fibre splicer's toolkit designed to be used in association with a Fusion Splicer, and covering all the major tooling products required for most splicing applications. This variant of the Mills Fusion Splicers Toolkit No.2 is supplied in a Stanley Fatmax 23" waterproof toolbox.

**Kit comprises:**

- B70-3347** Stanley Fatmax Waterproof Toolbox
- M99-5489** Mills Headtorch
- E00-5004** Kevlar Scissors
- C00-6119** Visual Fault Locator
- M99-6914** Mini Millslite Cree Led Zoom Lens Torch
- E00-6170** Mills Masterclass 3-Way Fibre Stripper
- N72-6375** Spring Back Knife
- E00-0470** Mills Cutter Longitudinal 1A
- E70-5001** Fibre Ringing Tool
- H01-1528** Metric Ball End Hex Key set
- C00-8296** 4oz IPA Dispenser
- F70-4266** No.0 x 60mm Pozidrive Screwdriver
- F70-4267** No.1 x 75mm Pozidrive Screwdriver
- F70-4291** Slotted Screwdriver 100mm x 6mm
- T94-1120** 9 Compartment Parts Box
- E70-4253** 160mm Combination Plier
- E70-4255** 150mm Side Cutting Plier
- E22-6585** Junior Hacksaw
- E22-6373** Eco-Tools 5M Tape Measure
- E00-3021** Cable Cutter Hand No 2
- E00-1113** Cable Cutter 10.5mm Capacity
- C00-6408** 0.3 Litre Sharps Bin
- C05-5800** 1.25mm CleanClicker
- C05-5802** 2.5mm CleanClicker
- C05-3966** Connector Cleaner
- C05-1312** Cleanwipes
- C05-3967** Cleanwipes Cube
- S26-5924** Bolle Safety Glasses (not laser protective)
- C71-6895** Sharpie Pen (PK 2)

PART NO. DESCRIPTION

A10-6197 SPLICER'S KIT No.2 - IN FATMAX TOOLBOX

FIBRE JOINTER'S KIT - IN MILLS TOTE BAG

A toolkit comprising the essential tools required for general fibre jointing & basic copper jointing applications. This version supplied in a Tote Bag.



*Contents may vary slightly, please visit millsltd.com for the latest listing.

Kit comprises:

B70-0600 Mills Utility Tote Bag With Cover Flap
C00-6409 0.451 Sharps Bin
C00-8296 4 oz IPA Dispenser
E00-0470 Longitudinal Stripper
E00-1113 Cable Cutter 10.5mm
E00-6912 Mills Stripper Fibre 1A
E00-3021 100 Pair Cutter
E00-3646 Mills MasterClass 1000V 3 Piece Plier Set
E00-5480 Mills 6 In 1 Blown Fibre Preparation Tool
E00-5878 Ideal Loose Tube Stripper 3.5 - 5.5mm
E00-7700 Ideal Fibre Stripper 6.5 - 14mm
E00-6170 Mills Masterclass Fibre Optic Stripper 3 Hole
E00-9575 Drop Fibre 36 Fibre Optic Stripper
E70-5001 Mills Masterclass Cable Ringing Tool (4.5 - 25mm)

E72-2010 10" Tin Snips
F02-3638 Mills Masterclass 1000V Screwdriver Set
H72-6381 8" Adjustable Wrench
J53-1012 1/2lb Cross Pein Hammer
J53-1014 1lb Cross Pein Hammer
J62-8167 10" Cold Chisel with Grip
K51-1006 6" Steel Rule
E22-6373 Eco-Tools 5M Tape Measure
M14-6915 LED Inspection Light
N12-7957 Knife Pocket No. 2
N56-1458 6" Hand File
N70-7868 Cable Scissors
E22-6585 Junior Hacksaw
N70-6372 12" General Purpose Hacksaw
R99-1210 Black PVC Tape
S26-1069 Safety Spectacles
S57-3005 Cable Tie Gun
C71-6895 Sharpie Pen (PK 2)

PART NO. DESCRIPTION

A10-6200 FIBRE JOINTER'S KIT - IN MILLS TOTE BAG

FIBRE JOINTER'S KIT - IN MILLS TOOL BOX

A toolkit comprising the essential tools required for general fibre jointing & basic copper jointing applications. This version supplied in a Mills Tool Box.



*Contents may vary slightly, please visit millsltd.com for the latest listing.

Kit comprises:

B70-8209 Mills Heavy Duty Toolbox
C00-6409 0.451 Sharps Bin
C00-8296 4 oz IPA Dispenser
E00-0470 Longitudinal Stripper
E00-1113 Cable Cutter 10.5mm
E00-6912 Mills Stripper Fibre 1A
E00-3021 100 Pair Cutter
E00-3646 Mills MasterClass 1000V 3 Piece Plier Set
E00-5480 Mills 6 In 1 Blown Fibre Preparation Tool
E00-5878 Ideal Loose Tube Stripper 3.5 - 5.5mm
E00-7700 Ideal Fibre Stripper 6.5 - 14mm
E00-6170 Mills Masterclass Fibre Optic Stripper 3 Hole
E00-9575 Drop Fibre 36 Fibre Optic Stripper
E70-5001 Mills Masterclass Cable Ringing Tool (4.5 - 25mm)
E72-2010 10" Tin Snips

F02-3638 Mills Masterclass 1000V Screwdriver Set
H72-6381 8" Adjustable Wrench
J53-1012 1/2lb Cross Pein Hammer
J53-1014 1lb Cross Pein Hammer
J62-8167 10" Cold Chisel with Grip
K51-1006 6" Steel Rule
E22-6373 Eco-Tools 5M Tape Measure
M14-6915 LED Inspection Light
N12-7957 Knife Pocket No. 2
N56-1458 6" Hand File
N70-7868 Cable Scissors
E22-6585 Junior Hacksaw
N70-6372 12" General Purpose Hacksaw
R99-1210 Black PVC Tape
S26-1069 Safety Spectacles
S57-3005 Cable Tie Gun
C71-6895 Sharpie Pen (PK 2)

PART NO. DESCRIPTION

A10-6201 FIBRE JOINTER'S KIT - IN MILLS TOOL BOX

FIBRE JOINTER'S KIT - IN MILLS TOOL BACKPACK

A toolkit comprising the essential tools required for general fibre jointing & basic copper jointing applications. This version supplied in a Mills Tool Backpack.



*Contents may vary slightly, please visit millsltd.com for the latest listing.

Kit comprises:

B72-6595 Mills Tool Backpack
C00-6409 0.451 Sharps Bin
C00-8296 4 oz IPA Dispenser
E00-0470 Longitudinal Stripper
E00-1113 Cable Cutter 10.5mm
E00-6912 Mills Stripper Fibre 1A
E00-3021 100 Pair Cutter
E00-3646 Mills MasterClass 1000V 3 Piece Plier Set
E00-5480 Mills 6 In 1 Blown Fibre Preparation Tool
E00-5878 Ideal Loose Tube Stripper 3.5 - 5.5mm
E00-7700 Ideal Fibre Stripper 6.5 - 14mm
E00-6170 Mills Masterclass Fibre Optic Stripper 3 Hole
E00-9575 Drop Fibre 36 Fibre Optic Stripper
E70-5001 Mills Masterclass Cable Ringing Tool (4.5 - 25mm)

E72-2010 10" Tin Snips
F02-3638 Mills Masterclass 1000V Screwdriver Set
H72-6381 8" Adjustable Wrench
J53-1012 1/2lb Cross Pein Hammer
J53-1014 1lb Cross Pein Hammer
J62-8167 10" Cold Chisel with Grip
K51-1006 6" Steel Rule
E22-6373 Eco-Tools 5M Tape Measure
M14-6915 LED Inspection Light
N12-7957 Knife Pocket No. 2
N56-1458 6" Hand File
N70-7868 Cable Scissors
E22-6585 Junior Hacksaw
N70-6372 12" General Purpose Hacksaw
R99-1210 Black PVC Tape
S26-1069 Safety Spectacles
S57-3005 Cable Tie Gun
C71-6895 Sharpie Pen (PK 2)

PART NO. DESCRIPTION

A10-6202 FIBRE JOINTER'S KIT - IN MILLS TOOL BACKPACK

MILLS COLD CURE FIBRE TERMINATION KIT

A specialist toolkit designed for cold cure fibre terminations and comprising all the essential tooling, consumables and inspection products required for field applications where electricity is not available. This version of the Mills Cold Cure Kit is available in three storage options: Tool & Laptop Bag, Stanley Fatmax Ruggedised Toolbox and Mills Eurocase

Kit comprises:

- C00-3530** Sapphire Cleaver
- E00-6170** Mills MasterClass 3-Way Fibre Stripper
- C00-6408** 0.3 Litre Sharps Box
- M99-5489** Mills LED Head Torch
- C00-7732** IPA Wipes
- R02-7029** Anaerobic Adhesive 50ml
- R02-7030** Aerosol Activator 150ml
- C00-7991** 10 x Syringes-Screw Type
- C00-7992** 10 x Needle tip for above
- C00-3051** Soft Polishing Pad
- C00-3039** 2.5mm Universal SC and ST Polishing Puck
- C00-8422** 1.25mm LC Polishing Puck
- C00-3040/Y** 5x 12 Micron Polishing Paper- Yellow
- C00-3043/G** 5x 1 Micron Polishing Paper- light green
- C00-3044/W** 5x 0.3 Micron Polishing Paper- White
- C00-7929** x 400 Microscope
- C00-7927** LC Adaptor for Microscope
- E00-5004** Kevlar Scissors
- S26-5924** Bolle Safety Glasses (not laser protective)
- M99-6914** Mini Millslite Cree LED Zoom Lens Torch
- C71-6895** Sharpie Pen (PK 2)

Plus your chosen tool storage option.

*Contents may vary slightly, please visit millsitd.com for the latest listing.



PART NO.	DESCRIPTION
A10-6185	A) COLD CURE KIT - IN MILLS TOOL & LAPTOP BAG
A10-6187	B) COLD CURE KIT - IN STANLEY FATMAX TOOLBOX
A10-6186	C) COLD CURE KIT - IN MILLS EUROCASE

MILLS FIBRE INSPECTION & CLEANING KIT No. 1 - IN MILLS FIBRE BAG



*Contents may vary slightly, please visit millsltd.com for the latest listing.

An entry model fibre inspection toolkit covering all the essential products required for the vast majority of inspection and cleaning applications. This version of the Mills Inspection Kit No. 1 is supplied in a Mills Fibre Tool Bag.

Kit comprises:

- B70-6917** Mills Fibre Tool bag
- C00-6119** Visual Fault Locator
- C00-7929** 400x Microscope
- M99-7576** Mills LED Headtorch
- C00-9819** Clean Core Cassette
- C05-1309** 1.25mm Cleaning Sticks
- C05-1310** 2.5mm Cleaning Sticks
- C05-3966** Connector Cleaner
- C00-7732** IPA Wipes Pkt 50
- M99-6914** Mini Millslite Cree LED Zoom Lens Torch
- E00-6170** Mills 3 Way Fibre Stripper
- E00-5004** Kevlar Scissors
- C00-6408** 0.3 Litre Sharps Box
- S26-5924** Bolle Safety Glasses (not laser protective)
- C71-6895** Sharpie Pen (PK 2)

PART NO. DESCRIPTION

A10-6146 FIBRE INSPECTION KIT No. 1 - IN MILLS FIBRE BAG

MILLS FIBRE INSPECTION & CLEANING KIT No. 1 - IN TOOL ROLL



*Contents may vary slightly, please visit millsltd.com for the latest listing.

An entry model fibre inspection toolkit covering all the essential products required for the vast majority of inspection and cleaning applications. This version of the Mills Inspection Kit No. 1 is supplied in a Tool Roll.

Kit comprises:

- B72-7900** Tool Roll
- C00-6119** Visual Fault Locator
- C00-7929** 400x Microscope
- M99-7576** Mills LED Headtorch
- C00-9819** Clean Core Cassette
- C05-1309** 1.25mm Cleaning Sticks
- C05-1310** 2.5mm Cleaning Sticks
- C05-3966** Connector Cleaner
- C00-7732** IPA Wipes Pkt 50
- M99-6914** Mini Millslite Cree LED Zoom Lens Torch
- E00-6170** Mills 3 Way Fibre Stripper
- E00-5004** Kevlar Scissors
- C00-6408** 0.3 Litre Sharps Box
- S26-5924** Bolle Safety Glasses (not laser protective)
- C71-6895** Sharpie Pen (PK 2)

PART NO. DESCRIPTION

A10-6147 FIBRE INSPECTION KIT No. 1- IN MILLS TOOL ROLL

MILLS FIBRE INSPECTION & CLEANING KIT No. 1 - IN TOOL & LAPTOP CASE



*Contents may vary slightly, please visit millsltd.com for the latest listing.

An entry model fibre inspection toolkit covering all the essential products required for the vast majority of inspection and cleaning applications. This version of the Mills Inspection Kit No. 1 is supplied in a Mills Tool & Laptop Case.

Kit comprises:

- B72-0658** Mills Tool & Laptop Case
- C00-6119** Visual Fault Locator
- C00-7929** 400x Microscope
- M99-7576** Mills LED Headtorch
- C00-9819** Clean Core Cassette
- C05-1309** 1.25mm Cleaning Sticks
- C05-1310** 2.5mm Cleaning Sticks
- C05-3966** Connector Cleaner
- C00-7732** IPA Wipes Pkt 50
- M99-6914** Mini Millslite Cree LED Zoom Lens Torch
- E00-6170** Mills 3 Way Fibre Stripper
- E00-5004** Kevlar Scissors
- C00-6408** 0.3 Litre Sharps Box
- S26-5924** Bolle Safety Glasses (not laser protective)
- C71-6895** Sharpie Pen (PK 2)

PART NO. DESCRIPTION

A10-6784 FIBRE INSPECTION KIT No. 1 - IN TOOL & LAPTOP CASE

MILLS FIBRE INSPECTION & CLEANING KIT No. 2- IN MILLS FIBRE BAG



*Contents may vary slightly, please visit millsltd.com for the latest listing.

A comprehensive fibre inspection toolkit comprising a visual fault locator, microscope, full set of cleaning products for ports and connectors together with associated tooling. This version of the Mills Inspection Kit No.2 is supplied in a Mills Fibre Tool Bag.

Kit comprises:

- B70-6917** Mills Fibre Tool bag
- C00-6119** Visual Fault Locator
- C00-6408** 0.3 Litre Sharps Box
- C00-7929** 400x Microscope
- C05-1312** Cleanwipes
- C05-3966** Connector Cleaner
- C05-3967** Cleanwipes Cube
- C05-5800** 1.25mm CleanClicker
- C05-5802** 2.5mm CleanClicker
- C71-6895** Sharpie Pen (PK 2)
- E00-5004** Kevlar Scissors
- E00-6170** Mills 3 Way Fibre Stripper
- M99-7576** Mills LED Head Torch
- M99-6914** Mini Millslite Cree LED Zoom Lens Torch
- S26-5924** Bolle Safety Glasses (not laser protective)

PART NO. DESCRIPTION

A10-6148 FIBRE INSPECTION KIT No.2 - IN MILLS FIBRE BAG

MILLS FIBRE INSPECTION & CLEANING KIT No. 2 - IN MILLS TOOL & LAPTOP CASE



*Contents may vary slightly, please visit millsltd.com for the latest listing.

A comprehensive fibre inspection toolkit comprising a visual fault locator, video inspection microscope, full set of cleaning products for ports and connectors together with associated tooling. This version of the Mills Inspection Kit No.2 is supplied in a Mills Tool & Laptop Case.

Kit comprises:

- B72-0658** Mills Tool & Laptop Case
- C00-6119** Visual Fault Locator
- C00-6408** 0.3 Litre Sharps Box
- C00-7929** 400x Microscope
- C05-1312** Cleanwipes
- C05-3966** Connector Cleaner
- C05-3967** Cleanwipes Cube
- C05-5800** 1.25mm CleanClicker
- C05-5802** 2.5mm CleanClicker
- C71-6895** Sharpie Pen (PK 2)
- E00-5004** Kevlar Scissors
- E00-6170** Mills 3 Way Fibre Stripper
- M99-7576** Mills LED Head Torch
- M99-6914** Mini Millslite Cree LED Zoom Lens Torch
- S26-5924** Bolle Safety Glasses (not laser protective)

PART NO. DESCRIPTION

A10-6149 FIBRE INSPECTION KIT No.2 - IN TOOL & LAPTOP CASE

MILLS GPON INSTALLERS TOOLKIT

A Toolkit comprising the essential tools required for GPON Installations.

Contents:

- B72-5810** Mills Standard Tool Bag
- E72-6119** Mills Insulated Micro Shear Flush Cutter 110mm
- E00-5751** OPT T0158 36f ULW OH Dropwire Cable Sheath Stripper
- C00-6785** Jonard FOD-2000 Fibre Optic SST COF250 Drop Cable Slitter (Slippery Fish)
- C00-6786** Jonard SST Slippery Fish Cable Slitter Replacement Blades Pk 10
- E00-4743** Fibre Tube Scoring Tool
- E12-0364** Mills Heavy Duty Side Cutter Diagonal 130mm
- H01-1528** Mills Ball End Hex Key Set 1.5 - 10mm
- F70-4270** Mills MasterClass Professional Screwdriver Pozi 250mm x No.2
- J72-9588** Mills Claw Hammer Glass Fibre Shaft 16oz
- H72-6380** 6" Mills Adjustable Wrench
- H72-6383** 12" Mills Adjustable Wrench
- R99-6590** Mills Heavy Duty Antibacterial Handwipes - Tub of 75
- G84-1821** 1/4" Drive Ratchet
- G84-1361** 1/4" Drive 13mm Socket

*Contents may vary slightly, please visit millsltd.com for the latest listing.



PART NO. DESCRIPTION

A10-4586 MILLS GPON INSTALLERS TOOLKIT



A) BEAD CRIMPER

A specialist crimping tool for attaching fibre blowing leader beads to fibre prior to installation. Suitable for crimping bullets 2-8mm. Guide beads available separately in packs of 25.

**A****B) GUIDE BEADS**

Fibre Blowing Beads, which can be quickly and easily crimped to the leading edge ballistic fibre bundle fibre to provide smooth running of the blown fibre unit through the blown fibre microduct and minimise the risk of snagging at connector locations and joints.

**B****PART NO. DESCRIPTION**

E72-6782	A) BEAD CRIMPER
E00-4855	B) GUIDE BEADS FOR 2/4 FIBRE (PK 50)
E00-4856	B) GUIDE BEADS FOR 8/12 FIBRE (PK 50)
E00-4857	B) GUIDE BEADS FOR 24 FIBRE (PK 50)

MILLS SPECIALIST HEAVY DUTY FIBRE OPTIC TOOLBAG

The Mills Heavy Duty Fibre Tool Bag features four external pockets, one specifically designed to accept the Mills C00-6408 Sharps Box. In addition the bag has a further eight internal storage pockets.

Dimensions: Width 325mm x Depth 225 x Height 185mm.

**PART NO. DESCRIPTION**

B70-6917	MILLS SPECIALIST FIBRE OPTIC TOOLBAG
----------	--------------------------------------

HEAVY DUTY FIBRE CABLE CUTTER

A specialist shear cutter designed for cutting fibre drop cables containing strength members, steel wire rope, and is also ideal for cutting catenary wire. The cutter has heavy duty handles for repetitive applications and features an integrated spring with locking catch. Capacity 6mm and overall length 190mm.



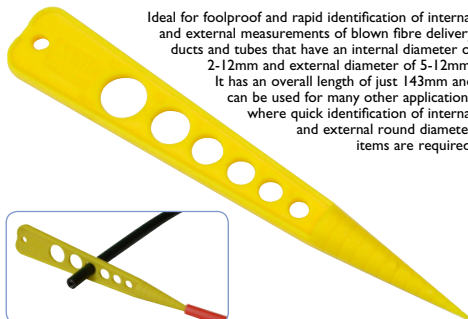
Mills
MASTER
As good as it gets

PART NO. DESCRIPTION

E00-6861	MILLS HEAVY DUTY FIBRE CABLE CUTTER
----------	-------------------------------------

MILLS TUBE MEASURING GAUGE

A handy tool for measuring the inside and outside diameter of blown fibre tubes.



Ideal for foolproof and rapid identification of internal and external measurements of blown fibre delivery ducts and tubes that have an internal diameter of 2-12mm and external diameter of 5-12mm. It has an overall length of just 143mm and can be used for many other applications where quick identification of internal and external round diameter items are required.

PART NO. DESCRIPTION

E00-6124	MILLS TUBE MEASURING GAUGE
----------	----------------------------

MILLS END CUTTING DUCT TOOL (CROCODILE)

Specialist microduct cutter with a 90 degree rotating head mechanism allowing the tool to end cut and side cut microduct up to an outside diameter of 10mm, making it essential in awkward access areas. The tool benefits from a locking catch for blade security when not in use and also features comfort grip handles for repetitive applications. Overall length: 175mm.



Mills
MASTER
As good as it gets

PART NO. DESCRIPTION

E00-6670	MILLS END CUTTING DUCT TOOL (CROCODILE)
----------	---

MILLS SUBDUCT CUTTER 6-35MM

A circumferential cutter for use on Sub-duct with an outside diameter of 6-35mm. The ratchet mechanism provides a smooth cutting action with minimal effort. The cutting blade can be easily cleaned or replaced without the need to open the body of the cutter.



Mills
MASTER
As good as it gets

PART NO. DESCRIPTION

S83-6910	MILLS SUBDUCT CUTTER
S83-6911	SPARE BLADE FOR MILLS SUBDUCT CUTTER

MILLS BLOWN FIBRE MICRODUCT CUTTER - 0-14MM

A compact plastic duct cutter with PTFE coated blade for precision cutting of micro ducts up to a diameter of 14mm with minimal effort incorporating a one handed locking system. Length: 133mm.



PART NO. DESCRIPTION

E00-7292	MILLS MICRODUCT CUTTER 0-14MM
E00-6419	SPARE BLADE FOR MICRODUCT CUTTER

MILLS BLOWN FIBRE DUCT CUTTER 0-22 MM

A heavy duty plastic duct cutter with PTFE coated blade for precision cutting of ducts up to a diameter of 22 mm with minimal effort. This tool incorporate a one handed locking system.



PART NO. DESCRIPTION

E00-6974	A) MILLS BLOWN FIBRE DUCT CUTTER 0-22 MM
E00-6975	B) REPLACEMENT BLADE FOR DUCT CUTTER 0-22 MM

MILLS BLOWN FIBRE MICRODUCT TUBE CUTTER 0-12MM

Designed to give a clean, straight cut to the blown fibre microduct before inserting into a connector.

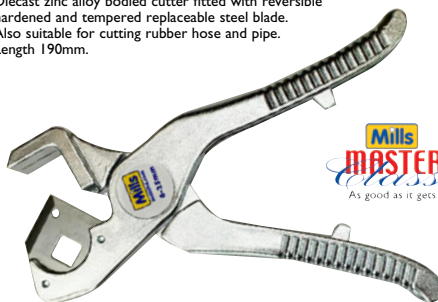


PART NO. DESCRIPTION

E00-6641	MILLS BLOWN FIBRE TUBE CUTTER - 0-12MM
----------	--

MILLS BLOWN FIBRE DUCT CUTTER 6MM - 25MM

Diecast zinc alloy bodied cutter fitted with reversible hardened and tempered replaceable steel blade. Also suitable for cutting rubber hose and pipe. Length 190mm.



PART NO. DESCRIPTION

E00-4673	MILLS BLOWN FIBRE DUCT CUTTER 6-25MM
E00-1968	REPLACEMENT BLADE FOR MILLS BLOWN FIBRE DUCT CUTTER 6MM - 25MM

MILLS TRI-HEAD DUCT CUTTER

An innovative plastic duct cutter with a revolving head giving three duct ranges suitable for the most popular sizes of tubes used in the fibre blowing industry:

Position 1 - Ducts from 0 to 8mm

Position 2 - Ducts from 9mm to 18mm

Position 3 - Ducts from 19mm to 25mm

The tri-head duct cutter also benefits from an S2 high speed steel cutting blade and can be locked in the closed position for storage. Overall length: 215mm.



PART NO. DESCRIPTION

S83-6198	MILLS TRI-HEAD DUCT CUTTER
S83-4816	SPARE BLADE FOR TRI-HEAD DUCT CUTTER

MILLS CUTTER LONGITUDINAL 1A

This tool can be used to strip the sheath longitudinally from around blown fibre microduct or other Telco style cable without damaging it. The unwanted tube which surrounds the fibre can be stripped off with ease.



PART NO. DESCRIPTION

E00-0470	CUTTER LONGITUDINAL 1A
E00-3816	SPARE BLADE FOR CUTTER LONGITUDINAL 1A

MILLS TUBE REAMING & DEBURRING TOOL

A handy essential tool for deburring or reaming the internal surface of plastic blown fibre tubes from 2mm to 12mm, prior to the installation of a connector. The tapered cone contains a long lasting abrasive coating and the tool benefits from bi-material comfort grip handle.



PART NO. DESCRIPTION

J04-6467	MILLS TUBE REAMING & DEBURRING TOOL
----------	-------------------------------------

MILLS LONG REACH BLOWN FIBRE DUCT CONNECTOR PLIERS

A specialist tool designed for the installation and removal of blown fibre connectors with body diameters of 10-16mm. The tool has an overall length of 270mm and is ideal for difficult to reach places.



PART NO. DESCRIPTION

E12-6630	MILLS LONG REACH DUCT CONNECTOR PLIERS
----------	--

MILLS LONGITUDINAL & CIRCUMFERENTIAL SHEATH STRIPPING TOOL

A specialist ratchet cable slitter with a reversible double-ended replaceable blade with adjustable cutting depth 0-5mm for each unique cable application that can be used for both longitudinal and circumferential stripping on most cables upto 25mm.

The sheath stripper will slit most jacket materials and is capable of both midspan entry or end cable stripping applications.

Ref: 127420.



PART NO. DESCRIPTION

E00-7643	MILLS LONGITUDINAL & CIRCUMFERENTIAL SHEATH STRIPPING TOOL
----------	--

MILLS MICRODUCT ROUNDING TOOL

A simple yellow nylon multistep rounding tool for reforming internal diameters of microducts.

The rounding tool has an overall length of 75mm and is optimised for reforming of microducts with internal diameters:

- 3.5mm
- 6mm
- 8mm
- 10mm

Supplied in packs of 4.



PART NO. DESCRIPTION

C00-4452	MICRODUCT ROUNDING TOOL (PK4)
----------	-------------------------------

MILLS 6 IN 1 BLOWN FIBRE CRIMPER / TUBE CUTTER



The 6 in 1 tool is designed for use by both the Plan and Build and Lead to Cash engineers. The 6 different functions are:

1. Tube cutter
2. Bead crimper
3. Manifold tube measurement guide
4. Tube reforming nipple
5. Gas and Water block activation tool
6. 30mm splice protector fibre guide



PART NO. DESCRIPTION

E00-5480	6 IN 1 BLOWN FIBRE TOOL
----------	-------------------------

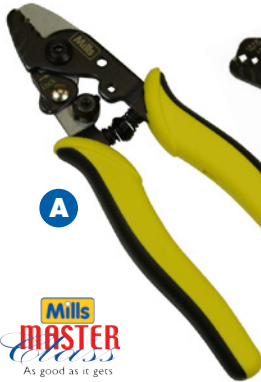
A) MILLS MASTERCLASS 3-WAY FIBRE OPTIC STRIPPER

Features high frequency heat treated / induction hardened cutting edges that ensure repeatable precision cutting & stripping to the very highest tolerances, whilst offering extreme durability.

The strippers further benefit from bi-material comfort grip handles for repetitive use.

The three stripping edges are ideal for general fibre installation and assembly work, covering the following applications:

- Stripping & removal of 2mm outer jacket
- Stripping 900µm buffer insulation
- Stripping 250µm acrylate coating



B) MILLS MASTERCLASS 5-WAY FIBRE OPTIC STRIPPER

Features high frequency heat treated / induction hardened cutting edges that ensure repeatable precision cutting & stripping to the very highest tolerances whilst offering extreme durability.

The strippers further benefit from bi-material comfort grip handles for repetitive use.

The five stripping edges are ideal for general fibre installation and assembly work, covering the following applications:

- Strips outer jacket from 2.0 – 2.4mm fibre
- Strips outer jacket from 2.8 – 3.0mm fibre
- Strips loose tube from 2.0 – 3.0mm fibre
- Strips 900µm buffer insulation
- Strips 250µm acrylate coating



C) MILLS MASTERCLASS SINGLE HOLE FIBRE STRIPPER

A classic 'contractor' single hole fibre stripper for stripping 250µm acrylate buffer coating from 125µm optical fibre. The stripper features high frequency heat treated / induction hardened cutting edges which ensure repeatable precision cutting and stripping to the very highest tolerances whilst offering extreme durability

The strippers further benefit from bi-material comfort grip handles for repetitive use.



PART NO.	DESCRIPTION
E00-6170	A) MILLS MASTERCLASS 3-WAY FIBRE OPTIC STRIPPER
E00-6175	B) MILLS MASTERCLASS 5-WAY FIBRE OPTIC STRIPPER
E00-2530	C) MILLS MASTERCLASS SINGLE HOLE FIBRE STRIPPER

MILLS FIBRE STRIPPER 1A

A compact fibre optic cable stripper for circumferential and longitudinal stripping. At just 73mm long this versatile fibre stripper is ideal for stripping in confined spaces.

The stripper uses two 'V' groove steps (0-3.2mm and 3mm- 6.4mm) making it suitable for circumferential and longitudinal stripping of most fibre optic cables up to a maximum diameter of 6.4mm.



PART NO.	DESCRIPTION
E00-6912	MILLS FIBRE STRIPPER 1A
E00-4829	SPARE BLADES FOR FIBRE STRIPPER 1A PK2

MILLS MASTERCLASS STRIPPER CABLE SHEATH NO.5A

E00-6626 Mills Masterclass Stripper Cable Sheath No5A- Suitable for entering fibre or copper cable this exceptionally simple and robust stripper has capability to circumferentially and longitudinally strip sheath from cable 6-25mm.

Dimensions: 94 x 49 x 40mm
Colour – Yellow

Ref: 062670



PART NO.	DESCRIPTION
E00-6626	MILLS STRIPPER CABLE SHEATH NO.5A
E00-6627	SPARE BLADE FOR STRIPPER CABLE SHEATH NO.5A

MILLS MASTERCLASS CABLE RINGING TOOL

For fast stripping and removal of sheath from power and copper/ fibre telecom round cables to a depth of 4.75mm (3/16").

A small rotating blade accurately splits the circumference of the jacket, then by flicking a switch, the same blade will rotate 90° and is used to split the jacket down one side for easy removal.



PART NO.	DESCRIPTION
E70-5001	MILLS MASTERCLASS CABLE RINGING TOOL
E70-5003	SPARE BLADE FOR CABLE RINGING TOOL

MILLS KEVLAR SCISSORS

Lightweight scissors for cutting Kevlar® strength members found in fibre optic cables. The serrated scissor blades reduce slipping and the tool further benefits from ergonomic moulded handles. Length: 140mm Weight: 79g. Ref: 080470.



PART NO.	DESCRIPTION
E00-5004	MILLS KEVLAR SCISSORS

MILLS MICRODUCT PRESSURE AND INTEGRITY TEST KIT

The Mills Stripmate is a PATENTED stripping tool designed for longitudinal stripping of 24F, 36F and 48F ultra-lightweight (ULW) 7mm fibre cable.

The Stripmate is a compact clasp style stripper which clamps and securely locks around the cable. The stripper benefits from a yellow/black guideline, which when lined up with the yellow line on the ULW cable ensures the stripping blades do not touch the integral metal strength members.

The Stripmate utilises specialist semi circular profiled blades in quickly replaceable cartridges. One set of blades can typically strip over >700m cable.

A replacement blade cartridge E00-3834 can be quickly and easily installed.

Product dimensions: 64.3 x 45.2 x 40.9 mm (2.53" x 1.78" x 1.61").

Product weight: 72.6 g (0.16 lb).



PART NO.	DESCRIPTION
----------	-------------

E00-3819	MILLS STRIPMATE ULW DROP FIBRE CABLE STRIPPER
----------	---

MILLS MICRODUCT PRESSURE AND INTEGRITY TEST KIT

The Mills Microduct Pressure and Integrity Test Kit is an essential piece of kit for all blown fibre installers.

The kit is optimised to suit 7mm and 8mm microduct installations and contains a blown fibre inflator with air flow gauge for measuring the microduct integrity and identification of air leaks. In addition the kit contains a 7 compartment storage with 8mm to 7mm reducers as well as a calibrator pellet and sponge catcher. The test kit is supplied with a Mills microduct cutter in an ABS storage case with foam insert.

Dimensions: 422 x 246 x 114mm.

Please note:

B) C00-6697 Blown Fibre Air Inflator and C) S83-6189 Air Flow Gauge may also be purchased separately.



PART NO.	DESCRIPTION
----------	-------------

C00-3851	A) MILLS MICRODUCT PRESSURE AND INTEGRITY TEST KIT
C00-6697	B) BLOWN FIBRE AIR INFLATOR
S83-6189	C) AIR FLOW GAUGE

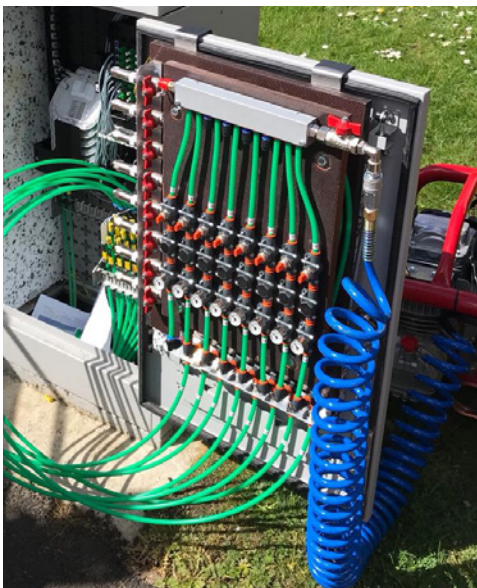
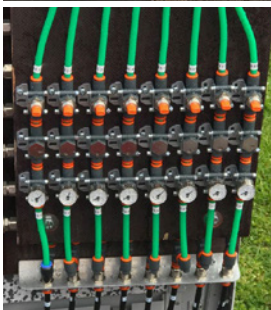
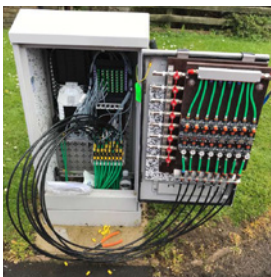
FTTH MICRODUCT TESTING RIG (PRESSURISE, CALIBRATE & CATCH) 8 WAY

The FTTH Microduct Testing Rig is a major time saver and has been designed for multiple duct commissioning and will pressure test, calibrate and prove up to 8 microducts in one simple test operation.

The rig can be hung on most cabinet doors and comprises an 8 way manifold fed by one air supply. Eight microducts can then individually be pressure tested and calibration pellets introduced and collected, making the rig ideal for quick and easy commissioning.

The rig is currently available to suit 8 mm microducts but can be ordered to suit other duct sizes on request.

Air compressor not included.



PART NO.	DESCRIPTION
----------	-------------

S83-7249	FTTH MICRODUCT TESTING RIG
----------	----------------------------

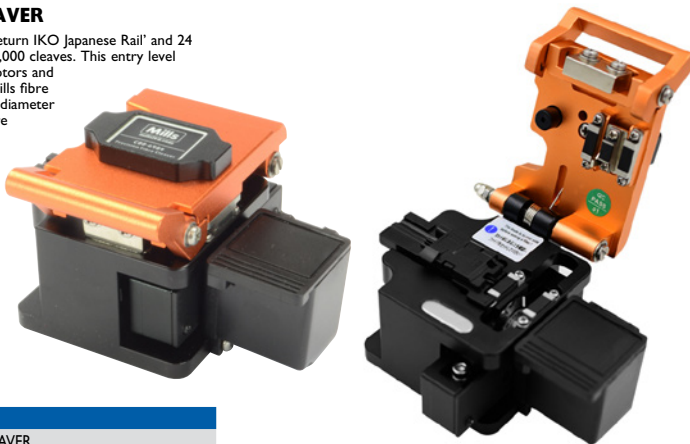
MILLS PRECISION FIBRE CLEAVER

Mills Precision Fibre Cleaver with 'Auto Return IKO Japanese Rail' and 24 Position Precision Blade, rated for over 50,000 cleaves. This entry level cleaver is ideal for use with bare fibre adaptors and for most basic cleaving applications. The Mills fibre optic cleaver will cleave bare fibre up to a diameter of 125 μ m and 250 μ m, 900 μ m Coated Fibre - (10-16mm Length).

The product is supplied with integral Fibre Dustbin and supplied in storage box.

Dimensions 76 x 65 x 63mm.

Weight 450g.



PART NO.	DESCRIPTION
C00-6984	MILLS PRECISION FIBRE CLEAVER

MILLS VISUAL FAULT LOCATORS



Compact but powerful laser Visual Fault Locator, available in a choice of two output powers: 1mW with a 3-5km dynamic range or 10mW with a 8-10km dynamic range.

The red laser shines through most yellow-jacketed fibres to help pinpoint breaks, bends, faulty connectors, splices and other causes of signal loss. It has a reach of up to 8km. The tester locates faults visually by creating a bright red glow at the exact location of the fault on single mode or multimode fibres.

It is supplied with 2.5mm universal connector and 1.25mm adaptor, making it usable with almost every fibre connector.

- Bright red laser at 650nm
- Pulsed and continuous wave operation
- Up to 50 hours of operation
- Use standard AA alkaline batteries (not included)
- Heavy duty rugged and waterproof design
- 2.5mm universal connector and 1.25mm adaptor
- Soft case

PART NO.	DESCRIPTION
C00-6119	A) MILLS 1MW MILLS VISUAL FAULT LOCATOR
C00-6118	B) MILLS 10MW MILLS VISUAL FAULT LOCATOR
C00-5464	C) MILLS FIBRE OPTIC VISUAL FAULT LOCATOR 30MW
C00-6863	SPARE 1.25MM LC ADAPTOR
M99-6820	AA BATTERIES (PK 2)

MILLS FIBRE AND COPPER TESTER

Mills Fibre and Copper Tester - An essential combined tester for use on both fibre and copper structured cable networks.

Fibre Testing

The Mills Fibre and Copper tester can be used on both single and multimode fibre networks.

The power meter has 6 x calibrated wavelength 850nm, 1300nm, 1310nm, 1490nm, 1550nm and 1625nm, as well as a visual fault locator red light, and has a 2.5mm universal connector.

A separate 1.5mm adaptor is available for LC Connectors.

Copper Testing

The tester has a removable remote unit with both RJ45 and RJ11 Ports making it ideal for simple continuity testing of Cat5e and Cat6 Ethernet cables.

Supplied in pouch.

Dimensions 105 x 52 x 34mm.

Requires 2 x AA Batteries.



PART NO.	DESCRIPTION
C00-6985	MILLS FIBRE AND COPPER TESTER

MILLS OPTICAL POWER METER

The Mills Optical Power Meter is a robust low cost, high resolution pocket sized meter designed for general optical testing applications over both multi and single mode fibre, offering six wavelengths of 850/1000/1310/1490/1550 and 1625nm and a choice of dynamic range of +10 to -70dBm (C00-6434) or +26 to -50dBm (C00-1087)

The unit is supplied in a cordura type pouch with 2.5mm universal, ST, FC and screw on LC adaptors.

Requires 2 x AA Batteries (Not Included)

Dimensions - 105 x 52 x 34mm Weight 100g

Available in two power ranges

A) C00-6434 Mills Optical Power Meter (+10 to -60dB)

B) C00-1887 Mills Optical Power Meter (+26 to -40dB)



PART NO. DESCRIPTION

C00-6434 MILLS OPTICAL POWER METER 80T

C00-1887 MILLS OPTICAL POWER METER 80C

MILLS 1310/1500 NM OPTICAL 'SINGLE MODE' LASER SOURCE

Mills Optical Single Mode Laser Source are rugged low cost optical light sources (OLS) for quick easy and convenient fields insertion loss measurement and continuity checks. They are supplied with 2.5mm SC test connector as standard. A separate 1.25mm LC screw-on adaptor (C00-6863) is supplied in the carry pouch.

The meter has a four button operation, with energy save mode offering highly stabilised light with built in optic isolator and modulation output of 270Hz, 1Hz, 2Hz

This single mode laser source offer 1310 and 1500 wavelengths.

Stabilisation* 0.05dB / 1 hour; 0.1dB / 8 hours

Output Power > - 6dBm @ 1310nm/1550nm

Modulation 270Hz, 1KHz, 2KHz

Connector SC/PC with SC/PC male to LC/PC female SM adaptor

Auto Power Off No operation in 10 minutes (can be cancelled)

Battery Charge Yes

Power Supply AA * 2 batteries or AC/DC power supply adaptor

Size(H*W*D) 160mm * 75mm * 32mm

Weight 180g

Storage Temperature -20 -- +60 , < 90%RH

Operating Temperature -10 -- +50 , < 90%RH

Supplied with carry case and manual.



A



PART NO. DESCRIPTION

C00-5465 A) MILLS 1310/1550NM OPTICAL LASER SOURCE

C00-6863 B) 1.25MM LC ADAPTOR FOR MILLS OPTICAL POWER METER & VISUAL FAULT LOCATORS

A) MILLS 850/1300NM OPTICAL LASER SOURCE

Mills Multi Mode Optical Laser Source are rugged low cost optical light sources (OLS) for quick easy and convenient fields insertion loss measurement and continuity checks.

They are supplied with 2.5mm SC test connector as standard. A separate 1.25mm LC screw-on adaptor (C00-6863) is supplied in the carry pouch.

The meter has a four button operation, with energy save mode offering highly stabilised light with built in optic isolator and modulation output of 270Hz, 1Hz, 2Hz.

This single mode laser source offer 850 and 1300 wavelengths.

Stabilisation* 0.05dB / 1 hour; 0.1dB / 8 hours

Output Power > -10 dBm @ 850nm/1300nm

Modulation 270Hz, 1KHz, 2KHz

Connector SC/PC

Auto Power Off No operation in 10 minutes (can be cancelled)

Battery Charge Yes

Power Supply AA * 2 batteries or AC/DC power supply adaptor

Size(H*W*D) 160mm * 75mm * 32mm

Weight 180g

Storage Temperature -20 -- +60 , < 90%RH

Operating Temperature -10 -- +50 , < 90%RH

Supplied with carry case and manual.



A



PART NO. DESCRIPTION

C00-5466 A) MILLS 850/1300NM OPTICAL LASER SOURCE

C00-6863 B) 1.25MM LC ADAPTOR FOR MILLS OPM, VFL AND OLS RANGE

MILLS FIBRE TALK SET

The Mills Fibre Talk Set allows fast and easy communication via a free optical fibre during installation, maintenance, and operation of fibre optic cables. Voice transmission is carried out using modulated light signals. The integrated headset makes it easier to understand, even in a noisy environment.

The Mills Fibre Talk Set is a hands free unit designed for transmitting voice in both directions on a single fibre using 1310/1550nm single mode wavelength. This duplex optical talk set has SC/PC connectors and a dynamic range of 45dB, giving a dynamic range up to 120km over a single mode cable. The talk set is rechargeable using the AC adaptor giving an operational time of at least 12 hours.

The Mills Fibre Talk comprises, Optical Talk Set (A & B), 2 x Headsets with Microphone, Carry Case, 240v UK Charger and Instruction Manual.



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com

PART NO.	DESCRIPTION
C00-2545	MILLS FIBRE TALK SET

MILLS LIVE FIBRE IDENTIFIER

The Mills Live Fibre Identifier allows traffic detection and signal measurement anywhere on a single mode fibre up to 3mm diameter, without causing damage to the fibre or disrupting the signal. In addition the Mills FID, also has a 1mW red light source to help pinpoint breaks, bends and faulty connectors.

The Mills FID is supplied in a protective Cordura style pouch with instruction manual.

- Indicate the signal direction in fibre
- Detect tones 270Hz, 1kHz and 2kHz to verify the modulated signal type
- Suitable for 0.25, 0.9, 2.0, 3.0mm fibre
- 1mW Red Light Source
- Battery low indication
- Powered by 2 x 1.5V AA batteries (not included)
- One-year warranty
- Dimensions 230mm x 45mm x 45mm
- Weight 200g



RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com

PART NO.	DESCRIPTION
C00-6435	MILLS LIVE FIBRE IDENTIFIER

MILLS LIVE FIBRE IDENTIFIER PRO

The Mills Live Fibre Identifier is used for identifying the light power presence in optical fibres. It includes a trigger operated clamp to micro-bend the fibre which is then detected by photo sensors. The fibre identifier can detect the presence of several kinds of light signal and indicate signal direction in single mode fibres. The trigger lock function ensures the fibre is clamped with constant pressure, while the 1.44" colour LCD panel allows the user to view the estimated optical power in the fibre. Identification of modulated tones at 270Hz, 1kHz and 2kHz is provided.

Other features of the battery operated live fibre identifier include robust body design, easy-to-use fibre clamp, status indicator and adjustable settings for result retaining, tone on/off, screen brightness and auto power off.

Features:

- Screen: 1.44 inch TFT screen
- Max. Input Power: +20dBm
- Min.Sensitivity: -50dBm
- Battery: AA/LR6 alkaline battery
- Modulation Identification: Yes
- Applicable Fibres: 0.25 / 0.9 / 2.0 / 3.0mm fibre
- VFL Specifications: 1mW with Glint function
- OPM Specifications: EFL-50T : -70~+6dBm EFL-50C: -50~+26dBm
- Dimensions: 195mm x 96mm x 37mm
- Weight: 140g
- Supplied with shade cap, instruction CD, calibration certificate and carry case.



PART NO.	DESCRIPTION
C00-7676	MILLS LIVE FIBRE IDENTIFIER PRO

RING SALES FOR
**SPECIAL
PRICES**
OR VISIT
millsitd.com



Copper Tooling & Testing



Cable Strippers

Crimpers

Lan Tester

F Connector Tools

IDC Tools

Cord Sets

MILLS CATV COAX STRIPPER

Specialist Coaxial Stripper for RG6/59 and RG7/11 Coaxial Cable. A simple and ergonomically designed coaxial cable stripper with reversible, replaceable cartridge and integral depth stop to ensure consistency of strip length.

The stripper also benefits from an integral hook & loop pad which can be used to safely and efficiently smooth back braid prior to connector crimping.

Overall length 130mm



PART NO. DESCRIPTION

E00-6177	A) MILLS CATV COAX STRIPPER
E00-6178	B) REPLACEMENT BLADE CARTRIDGE RG6/59/7/11

MILLS COMPACT COAXIAL STRIPPERS

A) C00-8209 This RG6/59 and RG 7/11 compact stripper has pre-set blades to cut the outer jacket and strip the braid/dielectric to a length of 0.25in (6.4mm) in both stripping stations.

B) E00-6588 Mills Stubby Stripper is a coaxial cable stripper specifically designed to end strip RG6/59 Coax Cable in a wall outlet. This tool eliminates the need to run new cable thereby saving time and money.



PART NO. DESCRIPTION

C00-8209	A) COMPACT COAXIAL STRIPPER
E00-6588	B) MILLS 'STUBBY' COAXIAL STRIPPER
E00-6589	C) REPLACEMENT BLADE CARTRIDGE RG6/RG59

MILLS EASY ACCESS COAXIAL STRIPPER

A compact 2-level CATV Cable Stripper for cable RG6/59 and RG7/11.

- Compact design – only 94mm long
- Braid dielectric strip length 0.25"(6.4mm)
- Pre-set – no adjustment needed for cable preparation
- Fitted with cable stopper
- Braid folding assist (NEW)
- One reversible stripping cassette (replaceable)



PART NO. DESCRIPTION

E00-5853	A) MILLS EASY ACCESS COAXIAL STRIPPER
E00-5854	B) REPLACEMENT BLADE CARTRIDGE RG6/59/7/11

MILLS UNIVERSAL COAXIAL CABLE STRIPPER

This 3-level cable stripper is the latest in design and coaxial cable stripping technology. This tool strips most coaxial cable between 4.50 and 7.00mm without or just small adjustment to the individual fitted blades. The stripping length is factory set at 8.00mm for the braid and 4.00mm for the dielectric, but can be adjusted to 6.00mm.



PART NO. DESCRIPTION

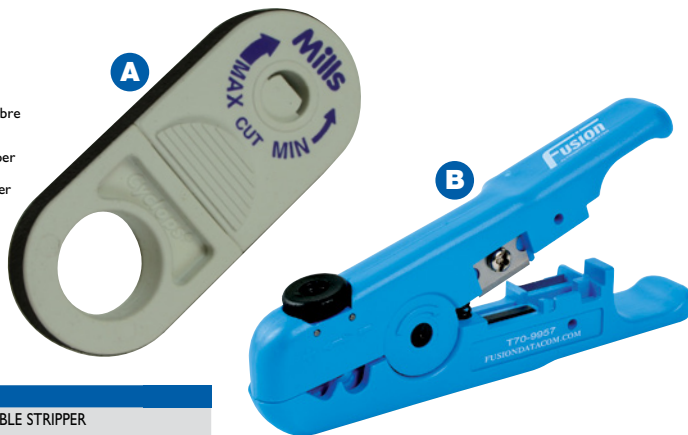
E00-5006	UNIVERSAL COAXIAL CABLE STRIPPER
----------	----------------------------------

TWISTED PAIR STRIPPERS (CAT5E/CAT6/CAT6A)

A) MILLS CYCLOPS UTP/STP STRIPPER.

Cyclops data cable stripper for twisted pair (UTP & STP) & multicore (screened & unscreened voice, data, audio, security) & fibre optic cables up to 11mm O.D.

B) FUSION UTP/STP STRIPPER. This stripper has a unique fine adjustment cutting depth mechanism making it ideal for stripping larger diameter UTP/STP such as Cat.6 as well as Cat.5e cable.



PART NO. DESCRIPTION

E68-3002	A) MILLS CYCLOPS DATA CABLE STRIPPER
T70-9957	B) FUSION TWISTED PAIR STRIPPER

MILLS STRIPPER CABLE SHEATH 7 (4-16MM)

Cable Sheath Stripper for making both longitudinal and circumferential cuts in cables 4-16mm outside diameter.



PART NO. DESCRIPTION

S83-0914 MILLS STRIPPER CABLE SHEATH 7 (4-16MM)

STRIPPER CABLE SHEATH 8 (8-28MM)

Cable Sheath Stripper for making both longitudinal and circumferential cuts in cables 8-28mm outside diameter.



PART NO. DESCRIPTION

S83-0912 STRIPPER CABLE SHEATH 8 (8-28MM)

STRIPPER CABLE SHEATH 9 (29-35MM)

Cable Sheath Stripper for making both longitudinal and circumferential cuts. For stripping cable diameters 29-35mm.



PART NO. DESCRIPTION

S83-0915 STRIPPER CABLE SHEATH 9 (29-35MM)

MILLS CUTTER LONGITUDINAL 1A

This tool can be used to strip the sheath longitudinally from around blown fibre microduct or other Telco style cable without damaging it. The unwanted tube which surrounds the fibre can be stripped off with ease.



PART NO. DESCRIPTION

E00-0470 A) CUTTER LONGITUDINAL 1A

E00-3816 B) SPARE BLADE FOR CUTTER LONGITUDINAL 1A

MILLS PLIER CRIMPERS 8B (SCOTCHLOK™ CRIMPER)

Specialist crimp tool with integral cutter for crimping Scotchlok connectors also known as jelly crimps. The pliers feature a return spring for repetitive applications and induction hardened cutting edges for cutting of conductors Ø 0.4 to 1.1 mm. Length: 155 mm.



PART NO. DESCRIPTION

E65-5463 PLIERS CRIMPERS 8B (SCOTCHLOK™ CRIMPERS)

MILLS SERIES 43 HDC 3 IN 1 TOOL

A T bar tool providing easy removal of U links, insertion of GTIS into a populated DDF and releasing frame mounted plugs.



PART NO. DESCRIPTION

C00-6960 SERIES 43 HDC 3 IN 1 TOOL

COMPRESSION TOOL FOR CORNING CONNECTORS

Designed specifically for the CX3 range of Corning connectors (CX3 3.9 = RG59, CX3 4.9 = RG6, CX3 6.0 = RG7, CX3 7.5 = RG11).

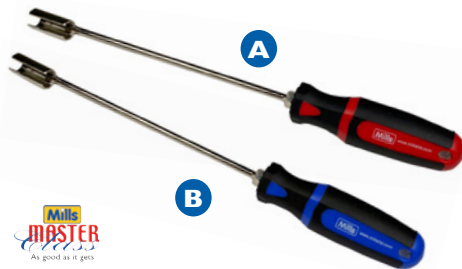


PART NO. DESCRIPTION

C00-5932	A) COMPRESSION TOOL FOR CORNING CONNECTORS
C00-5933	B) REPLACEMENT PLUNGER FOR ABOVE

F CONNECTOR TOOL

The F-connector tool combines two tools into one, a 7/16 or 9/16 in. hex socket and 3/8-32 threaded end. The hex socket makes installation and removal of CATV F-connectors easy, incorporating a 7/16AF nut for torquing applications up to 30lb/in. Overall length 310mm.



PART NO. DESCRIPTION

C00-9302	A) 7/16 F CONNECTOR TOOL RG59/6
C00-9304	B) 9/16 F CONNECTOR TOOL RG7/11

MILLS F-CONNECTOR INSERTION & FLARING TOOL

For insertion of 59, 6, 7, & 11 Series "F" connectors. Designed for effortlessly spreading COAX cable jackets, which allows easy insertion of F connectors. This flaring tool is ideal for use on polyethylene jacketed plenum, tri-shield, and quad-shield RG6 cables. The acetate handled flaring end of the tool is used for RG6 and Quad RG6 cables and insertion, whilst the threaded end of the tool is used for RG6, RG59, and RG11 F connectors. Handle length 108mm.



PART NO. DESCRIPTION

C00-5985	MILLS F-CONNECTOR INSERTION & FLARING TOOL
----------	--

MILLS F-TYPE TORQUE WRENCHES

- Fitted with comfort grip handles
- Factory calibrated to tighten F connectors to max. 30lb.in
- Angled head design
- Long shaft for better access in confined space

A) 9/16 for use with RG7/11 F Connectors.

B) 7/16 for use with RG6/59 F Connectors.



PART NO. DESCRIPTION

H00-5856	A) 9/16 RG7/11 TORQUE WRENCH
H00-5857	B) 7/16 RG6/59 TORQUE WRENCH

F CONNECTOR TOOL SHORT SHAFT

As per F-connector tool (left) but with short shaft.

Shaft length: 7.5cm.

Overall length: 18.5cm.



PART NO. DESCRIPTION

C00-9269	A) F CONNECTOR TOOL SHORT 7/16 RG6/59
C00-9301	B) F CONNECTOR TOOL SHORT 9/16 RG7/11

F CONNECTOR TERMINATION AID

This termination aid for RG6/59 cable helps reduce termination time and improve connection quality. The tool is used to flare the braid before fitting the connector to avoid short-circuiting and the F socket aids pushing the plug firmly on the cable before crimping.



PART NO. DESCRIPTION

E72-8259	MILLS F-CONNECTOR INSERTION & FLARING TOOL
----------	--

MILLS MASTERCLASS RJ45 RATCHET CRIMP TOOL

Ratchet action RJ45 Crimp Tool with "Energy Grip" handles for AMP™ type plugs for better control and comfort. Full cycle ratchet action ensures continuity of crimp.



Mills
MASTER
class
As good as it gets

Bi-material
"Comfort Grip"
for extra
control

PART NO.	DESCRIPTION
E70-5013	RJ45 RATCHET CRIMPER

MILLS MASTERCLASS RJ11 & RJ45 RATCHET CRIMP TOOL

Multifunction RJ11 & RJ45 crimper with ratchet action for consistent and secure crimps.



Mills
MASTER
class
As good as it gets

PART NO.	DESCRIPTION
E00-2026	RJ11, RJ45 RATCHET CRIMPER

MILLS MASTERCLASS RATCHET ACTION BNC CRIMP TOOL

For termination of RG58, 59 & 62 Ethernet cable. High quality crimper with "Energy Grip" handles for better control and comfort - full cycle ratchet action ensures continuity of crimp.



Mills
MASTER
class
As good as it gets

Bi-material
"Comfort Grip"
for extra
control

PART NO.	DESCRIPTION
E72-5014	BNC RATCHET CRIMP TOOL

MILLS MASTERCLASS HEAVY DUTY RATCHET ACTION CRIMPER

Heavy duty parallel action ratchet RJ11 & RJ45 combined crimp tool. The parallel action combined with high precision integrated die sets ensures a perfect crimp every time. Also cuts & strips flat cable.



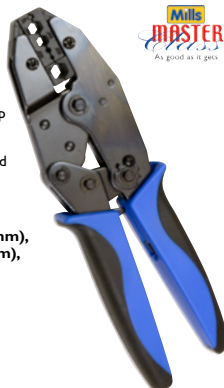
Mills
MASTER
class
As good as it gets

PART NO.	DESCRIPTION
E00-2017	HEAVY DUTY RJ11, 45 CRIMPER

MILLS MASTERCLASS RATCHET BNC & F CONNECTOR CRIMP TOOL

Crimps BNC & F connectors to RG58, RG59 & RG6 cables. The crimp tool has a ratchet controlled cycle mechanism and the tool frame is manufactured from hardened steel and fitted with a precision die set.

Hexagonal crimp cavity sizes:
0.2555" (6.48mm), 0.213" (5.41mm),
0.100" (2.54mm), 0.068" (1.72mm),
0.324" (8.23mm).



Mills
MASTER
class
As good as it gets

Bi-material
"Comfort Grip"
for extra
control

PART NO.	DESCRIPTION
E70-5012	BNC & F CONNECTOR CRIMP TOOL

MILLS MASTERCLASS RATCHET CRIMP TOOL

Mills precision ratchet crimper for red, blue and yellow pre insulated crimps. Benefitting from a full cycle ratchet action for a more secure crimp. Comfort grip bi material handles for repetitive operation. Overall length 225mm.



Mills
MASTER
class
As good as it gets

PART NO.	DESCRIPTION
E66-1325	MILLS MASTERCLASS RATCHET CRIMP TOOL

MILLS COMPACT FEED THROUGH RJ45 CRIMP TOOL

'Clasp Style' light and durable 'Feed Through' RJ45 crimp tool with integral cutter and stripper providing consistent terminations.

The 'compact' is a pocket sized tool weighing less than 250g and allows the quick and easy termination of Cat5e (T70-5390/5391) and Cat6 (T70-7698/7689) RJ45 through connectors to the appropriate structured cable, trimming off excess cable in one simple action.

Bi-material
"Comfort Grip"
for extra
control



Mills
MASTER
CLASS
As good as it gets

PART NO. DESCRIPTION

C00-1740 MILLS COMPACT FEED THROUGH RJ45 CRIMP TOOL

MILLS FEED THROUGH RJ45 CRIMP TOOL

Traditional all-steel construction ratchet action Feed Through RJ45 crimp tool has a built-in cutter and stripper providing consistent terminations.

Crimping and trimming of excess conductors is simple with a single squeeze of the tool.

The tool includes a built in jacket stripper for round cable as well as flat cable and even has a flat cable cutter.



Mills
MASTER
CLASS
As good as it gets

PART NO. DESCRIPTION

E70-7697 MILLS FEED THROUGH RJ45 CRIMP TOOL

MILLS MASTERCLASS SHIELDED RJ45 CRIMP TOOLS

Ratchet action Shielded RJ45 Crimp Tool with "Energy Grip" handles available for Hirose, Telegartner and Stewart type plugs for better control and comfort. Full cycle ratchet action ensures continuity of crimp.

Bi-material
"Comfort Grip"
for extra
control



Mills
MASTER
CLASS
As good as it gets

PART NO. DESCRIPTION

E70-5009 RJ45 SHIELDED HIROSE CRIMPER
E70-5010 RJ45 SHIELDED TELEGARTNER CRIMPER
E70-5011 RJ45 SHIELDED STEWART CRIMPER

MILLS MASTERCLASS BT MODULAR PLUG CRIMP TOOL

Crimp Tool for BT631A & BT431A Telephone Plugs and RJ11/RJ12 Modular Plugs.

The tool frame made from hardened steel and fitted with precision dies for BT Telephone plugs and RJ11/RJ12 modular plugs.

The tool has a spring-loaded crimp mechanism and is fitted with blades for cable cutting and stripping flat multi-conductor cables.

Bi-material
"Comfort Grip"
for extra
control



Mills
MASTER
CLASS
As good as it gets

PART NO. DESCRIPTION

E72-1018 BT MODULAR PLUG CRIMP TOOL

MILLS 'MASTER CLASS' UTP/STP TERMINATION KIT

Low cost termination kit supplied in blow moulded case and comprising:

E00-2026
Ratchet Crimper RJ11/45

E68-3002
Cyclops Stripper

T70-2192
RJ45 Modular Plug pkt 10

T70-2193
RJ45 Plug Boots pkt 10



Mills
MASTER
CLASS
As good as it gets

PART NO. DESCRIPTION

C00-3013 TERMINATION KIT

MILLS DATA INSTALLER HOLSTER KIT

Ensure the crucial tools for a data installation are by your side with the Mills Data Installer Holster Kit. The form-fitted, belt-clipped tool holster secures the tools inside, even when you bend over or lay down. An unloaded, empty tool holster is also available.

Includes:

- Kevlar scissors for cutting data cables
- Sharpie pen for labelling.
- 75mm x 5mm slotted screwdriver for fixing faceplates
- LED torch
- Krone style insertion tool
- Cyclops data cable stripper
- Tool holster



PART NO. DESCRIPTION

A10-4805 A) DATA INSTALLER HOLSTER KIT
B29-4804 B) EMPTY HOLSTER

TELECOM CRIMP TOOL CASE WITH FOUR INTERCHANGEABLE DIE SETS

Ratchet-controlled tool frame made from hardened steel and fitted with bi-material comfort grip handles for extra control. Four high quality die sets are included to crimp modular plugs RJ45 and RJ11, the 4-contacts telephone handset connector RJ22 and BT631A and BT431A telephone plug. The tool frame is supplied with two thumb screws for tool-free die change.

Bi-material
"Comfort Grip"
for extra
control



Mills
MASTER
As good as it gets

PART NO.	DESCRIPTION
E00-0454	CRIMP TOOL CASE WITH 4 INT-DIE SETS

For tidy storage and easy transportation, the tools are supplied in a strong PVC case with a foam cut-out for the tool frame, the four die sets and four empty storage locations for additional die sets.

Contents:

- Ratchet-controlled tool frame
- Die set for modular plug AMP RJ45
- Die set for modular plugs RJ11
- Die set for telephone handset plug RJ22
- Die set for BT telephone plug BT631A & BT431A

TOOL FRAME AND UNSHIELDED INTERCHANGEABLE DIE SETS

Ratchet controlled tool frame made from hardened steel to fit a wide range of precision made high quality die sets for RJ-modular plugs and coaxial connectors. Frame supplied with two thumb screws for tool-free die change and two Phillips™ screws. For tidy storage and easy transportation, a strong PVC carrying case with a foam cut-out for the tool frame and up to eight die sets is available:-

The crimper can be purchased either separately (E70-9580), with case only (E00-1016) or complete with the following popular dies, RJ45 (AMP), RJ45 (STEWART STAMPING), RJ11 (AMP), RJ (DEC) and COAX RG 58/59.

Tool Frame With Case & 5 Dies

Bi-material
"Comfort Grip"
for extra
control



Mills
MASTER
As good as it gets

Tool Frame Only



UNIVERSAL COAXIAL TERMINATION KIT

This strong PVC case with a foam cut-out contains a cable cutter, 2 blade coaxial cable stripper, a ratchet controlled tool frame and five high precision die sets covering almost any hexagonal dimensions from 1.07mm to 10.9mm across flats. Please consult the table below for each of the five die sets. Individual crimp dimensions supplied with the Kit.

DIE TYP	Ø	Ø	Ø	Ø	Ø PIN	SO PIN	FOR CRIMPING RG TYPE CABLE
A	2.55	2.55	2.13	1.97	0.68	0.68	55, 58, 59, 62, 140, 141, 142, 210, 223, 174, 303, 400, FIBRE OPTIC, BELDEN 8079
B	3.17	3.17	2.54	2.13	0.95	0.95	6, 59, 62, 140, 210, BELDEN 8079, 55, 58, 141, 142, 223, 303, 400, FIBRE OPTIC
C	2.55	2.13	1.97	1.00	0.68	0.68	59, 62, 8X, 140, 210, BELDEN 8079, 55, 58, 141, 142, 174, 223, 303, 400, FIBRE OPTIC
D	4.25	3.17	2.54	2.13	0.95	0.95	178, 316, BELDEN 8218, 122, 174, 179, 180, 187, 188, 195, FIBRE OPTIC
E	6.25	4.25	3.17	2.54	1.00	1.00	8, 9, 11, 87A, 149, 165, 213, 214, 216, 225, 393, 174, 179, 187, 188, 316, BELDEN 9913

Bi-material
"Comfort Grip"
for extra
control



Mills
MASTER
As good as it gets

PART NO.	DESCRIPTION
E70-9339	UNIVERSAL COAXIAL TERMINATION KIT

TOOL FRAMES

PART NO.	DESCRIPTION
E00-9341	TOOL FRAME WITH CASE AND 5 DIES
E70-9579	TOOL FRAME WITH CASE
E70-9580	TOOL FRAME ONLY

DIE SETS FOR MODULAR PLUGS

PART NO.	DESCRIPTION
E00-1017	DIE SETS FOR 8 WAY RJ45
C00-7953	DIE SETS FOR 6 WAY RJ11
E00-1019	DIE SETS FOR 6 WAY DEC
E00-1020	DIE SETS FOR 4 WAY RJ22
E00-1021	DIE SETS FOR 8 WAY RJ45 SS
E00-1032	BT DIE SET FOR BT631A & BT431A TELEPHONE PLUG

DIE SETS FOR COAXIAL CONNECTORS

PART NO.	DESCRIPTION
E00-1433	DIE SET FOR BNC RG58, 59, 62
E00-1434	DIE SET FOR BNC RG58, 174, 50, 75
E00-1436	DIE SET FOR N TYPE RG11, 213, 214
E00-1437	DIE SET FOR N TYPE RG6, 59
E00-4872	DIE SET FOR RG58 & 174 BELDEN 8281
E00-4873	DIE SET FOR RG174 & 179 BELDEN 8218
E00-4874	DIE SET FOR RG174, 178, 179, 180 & 187

A) KRONE LSA-PLUS WIRE INSERTION TOOL

Tools for LSA-PLUS® IDC termination. Inserts and crops wires simultaneously. Complete with extraction tool and stop clip. It also has a sensor to ensure the conductor is fully inserted into the contact before allowing excess wire to be cut off.

**B) FUSION KRONE STYLE WIRE INSERTER**

Cost effective 2A tool for IDC termination.

**C) KRONE OUTRIGGER**

Outrigger wiring aid for use with Krone systems.

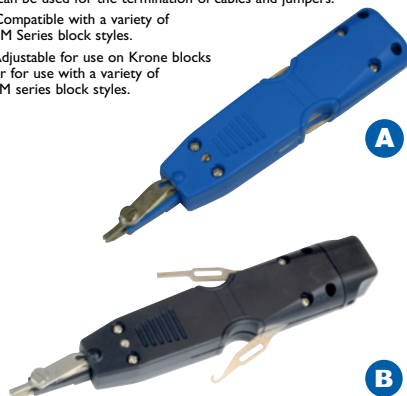
**PART NO. DESCRIPTION**

C00-8998	A) GENUINE KRONE LSA-PLUS SENSOR WIRE INSERTER
T70-2877	B) FUSION KRONE STYLE WIRE INSERTER
C00-3522	C) KRONE™ OUTRIGGER 25A

MILLS POUYET™ STYLE WIRE INSERTERS

This IDC termination tool is equipped with a disconnect hook, and can be used for the termination of cables and jumpers.

- A)** Compatible with a variety of 3M Series block styles.
B) Adjustable for use on Krone blocks or for use with a variety of 3M series block styles.

**PART NO. DESCRIPTION**

C00-6890	A) MILLS POUYET™ STYLE WIRE INSERTER
C00-6822	B) MILLS COMBINED KRONE/POUYET™ STYLE WIRE INSERTER

MILLS COMBINED WIRE INSERTER FOR KRONE & I110 I.D.C.'S

Supplied with two interchangeable heads for use with I110 and Krone IDC's. The unit has adjustable impact selection and hook and spudger claws are integrally fitted to the tool body.

**PART NO. DESCRIPTION**

C00-7702	MILLS COMBINED WIRE INSERTER
----------	------------------------------

MILLS MASTERCLASS I110 VERSATILE WIRE INSERTER

Supplied as standard with I110 blade. Optional blade for Krone systems is available separately.

A high quality MasterClass punch down tool with high and low impact adjuster and lockable storage in handle for replacement blade. Bayonet style mount allows the blades to be easily and quickly replaced.

**PART NO. DESCRIPTION**

C70-6865	A) I110 PUNCH DOWN TOOL
C70-6894	B) SPARE I110 BLADE FOR ABOVE
C70-6896	C) KRONE BLADE FOR ABOVE

MILLS MASTERCLASS MULTIPURPOSE TOOL FOR CUTTING, CRIMPING AND STRIPPING

Stripping capacity 0.13 - 6.0mm² (26 - 10awg). Crimps red, blue, yellow and most non-insulated terminals.

**PART NO. DESCRIPTION**

E21-1421	STRIPPER/CRIMPER 0.13-6.0MM ²
----------	--

MILLS MASTERCLASS RATCHET CRIMP TOOL

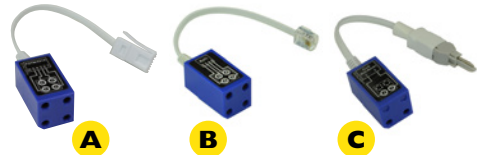
Mills precision ratchet crimper for red, blue and yellow pre insulated crimps. Benefiting from a full cycle ratchet action for a more secure crimp. Comfort grip bi material handles for repetitive operation. Overall length 225mm.

**PART NO. DESCRIPTION**

E66-1325/BOM	MILLS MASTERCLASS RATCHET CRIMP TOOL
--------------	--------------------------------------

CORDSETS

Test cordsets available in three styles to allow connection of standard 4mm banana plugs to Krone®, BT and RJ11 connectors.

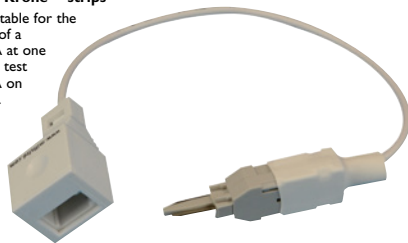


PART NO.	DESCRIPTION
C00-5988	A) TEST CORD SET BT
C00-4443	B) TEST CORD SET RJ11
C00-4442	C) TEST CORD SET KRONE®

CORDSET 6/10B 1 PLUG 244A

(2 pole) -Krone™ strips

A Jack suitable for the insertion of a Plug 631A at one end and a test plug 244A on the other.



PART NO.	DESCRIPTION
C29-0547	CORDSET 6/10B (2 POLE)

DISCONNECTION CORDSET 6/10D (2 POLE)

A Jack suitable for the insertion of Plug 631A on one end and a test plug on the other. In addition, an earth wire is brought out and terminated on a crocodile clip.

For use on Strips Connection 237A.

PART NO.	DESCRIPTION
C29-0552	DISCONNECTION CORDSET 6/10D (2 POLE)

MONITORING CORDSET 6/10D (4 POLE)

A Jack suitable for the insertion of Plug 631A on one end and a test plug on the other. In addition, an earth wire is brought out and terminated on a crocodile clip.

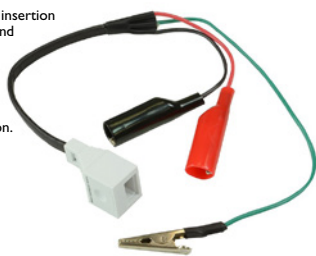
For use on Strips Connection 237A.



PART NO.	DESCRIPTION
C29-0553	MONITORING CORDSET 6/10D (4 POLE)

CORDSET 6/10E 3 CROC CLIPS FOR GENERAL USE

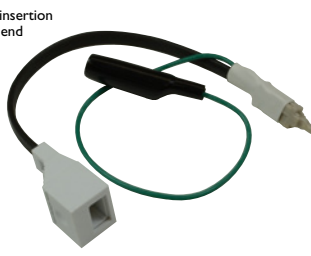
A Jack suitable for the insertion of Plug 631A on one end and three crocodile clips on the other. The third wire is for an earth connection, required for checking "Feature Calling" option.



PART NO.	DESCRIPTION
C29-0548	CORDSET 6/10E

CORDSET 6/10K 2 POLE CORDSET

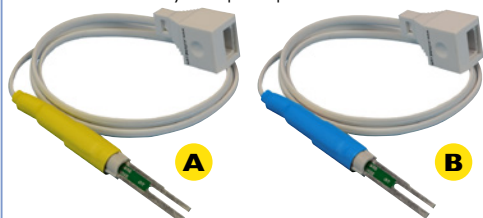
A Jack suitable for the insertion of a Plug 631A on one end and a test plug for use on low profile 10 pair Strip Connection 241B as used in Box Connections 201C.



PART NO.	DESCRIPTION
C29-0549	CORDSET 6/10K (2 POLE)

CORDSET P 2 WAY FOR POUYET® STRIP

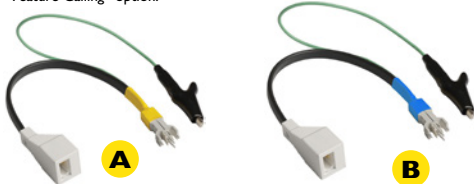
Test cords for use on Pouyet® 10 pair Strip Connections.



PART NO.	DESCRIPTION
C29-0546	A) DISCONNECTION CORDSET P 2 POLE
C29-0545	B) MONITORING CORDSET P 4 POLE

CORDSETS SID

Available in 2 or 4 pole. Test cords for use on SID low-profile 10 pair Strip Connections. Earth lead allows for checking "Feature Calling" option.



PART NO.	DESCRIPTION
C29-0551	A) DISCONNECTION CORDSET SID 2 POLE
C29-0550	B) MONITORING CORDSET SID 4 POLE

CORDSET URLS

Single pair lead for series 3 cabinet boxes.



PART NO.	DESCRIPTION
C00-4182	URLS CORDSET

CORDSET RLS50

PART NO.	DESCRIPTION
C29-0554	CORDSET RLS50

3M STYLE TEST CORDSET

PART NO.	DESCRIPTION
C29-2874	3M STYLE CORDSET

TEST CORD 2 POLE BANANA TO KRONE PLUG

CommScope 237
Connection Test Cord used for interconnecting and testing of circuits on 237 style modules.



PART NO.	DESCRIPTION
C29-4465	2 POLE BANANA SOCKETS TO KRONE PLUG

**TEST CORD LSA-PLUS NT
TEST CORD 2 POLE**

7014 2 003-00 LSA-PLUS®
NT test cord, 2 pole.

Designed for disconnection and connection modules LSA-PLUS/LSA PROFIL NT, 2-pole parallel access.

- Length: 0.2m



PART NO.	DESCRIPTION
C00-7252	LSA-PLUS NT TEST CORD 2 POLE

**TEST CORD LSA-PLUS
NT TEST CORD 4 POLE**

LSA Plus HD180 & LSA Plus
NT 4 Pole Test Cord - NT Plug to 4 Pole Female Banana Plug Socket.

For use on HD180 and NT Modules.

- Length 0.2m



PART NO.	DESCRIPTION
C00-7253	LSA-PLUS NT TEST CORD 4 POLE

TOOLLESS ADAPTOR CORDSET LSA-TL

A 4 pole test adaptor for use on LSA-TL 10 Pair Disconnection Modules, allowing the user to easily test confidentially in both directions without removing jumpers.

Ref: 082604



PART NO.	DESCRIPTION
C00-1628	CORDSET 10 PAIR DISCONNECTION MODULE

**4MM INLINE SOCKET ADAPTOR KIT FOR
TOOLLESS ADAPTOR CORDSET**

A set of 4mm Banana plugs comprising 2 x red and 2 x black for use in conjunction with C00-1628 Toolless Adaptor Cordset LSA-TL 10 Pair Disconnection Module.

Ref: 084249



PART NO.	DESCRIPTION
C00-1629	4MM INLINE SOCKET ADAPTOR KIT

CLIP TEST 38A

A general purpose crocodile clip.



PART NO. DESCRIPTION

S83-0933 CLIPTEST 38A

REPLACEMENT TEST LEAD SET FOR SA9083

Replacement cordset for use with the Tester SA9083.



PART NO. DESCRIPTION

C72-7632 REPLACEMENT TEST LEAD SET FOR SA9083

ADAPTOR TEST 15A

A test cord for use with BIX connectors with 4mm terminals.



PART NO. DESCRIPTION

S83-7413 ADAPTOR TEST 15A

MILLS ADAPTOR TEST 17A

This cord set is used on 3M modules, supplied with ring terminals.



PART NO. DESCRIPTION

S83-7577 MILLS ADAPTOR TEST 17A

MILLS ADAPTOR TEST 48A

Test adaptor for use on old types of block terminals.



PART NO. DESCRIPTION

S83-6959 MILLS ADAPTOR TEST 48A

MILLS ADAPTOR TEST 51A

Test adaptor for use on Boc Connections 18/19A.



PART NO. DESCRIPTION

S83-4450 MILLS ADAPTOR TEST 51A

MILLS MODULAR ADAPTOR BT PLUG

Modular adaptor 3A BT plug. To make connections when no access to bare copper or terminals is available.



PART NO. DESCRIPTION

C00-0556 MODULAR ADAPTOR BT PLUG

MILLS HOOK & SPUDGER

A simple hook and spudger for separating, identifying and removing single wires.

Manufactured from ABS Plastic.
Overall Length: 170mm.



PART NO. DESCRIPTION

M99-6624 MILLS SPUDGER

STRUCTURED CABLE TESTERS

A) Mills Structured Cable Tester

A simple-to-use structured cabling tester which tests for shorted pairs, open pairs, crossed pairs, reversed pairs and indicates results with continually sequencing, bi-colour LEDs on both master and remote.

Two screened RJ45 sockets are provided, one wired for TIA468 A and B systems and the other for USOC.



B) Low Cost Cable Tester

Quickly and easily check for cable continuity, miswiring, open, short, straight-through or cross-wiring. Ideal for UTP, STP and coaxial cables.

PART NO.	DESCRIPTION
C00-2000	A) MILLS STRUCTURED CABLE TESTER
C00-5816	B) LOW COST CABLE TESTER

MILLS LANCASTER™ 1000 STRUCTURED CABLE TESTER AND WIRE MAP CERTIFIER

The LanCaster™ 1000 displays on-screen wiring configurations showing the length of all 4 pairs and length of pair to fault up to 150 metres (500').

The LanCaster™ 1000 will store up to 1000 test results which can then be downloaded to PC using the LanCaster™ 1000 software (provided). Test results can then be customised with your corporate identity and certificates produced displaying the customer's location/job, length, cable VP and testing standard.

The 1000 comes complete with one intelligent remote office identifier, with a further 15 units available as optional accessories. Unlike far end units on competitor products, the LanCaster™ remotes are intelligent and indicate if a test has passed or failed.

Now USB Plug n Play!

- Dimensions 165 x 90 x 37mm.
- Weight 350g.
- Uses 4 x AA batteries (Provided).

The kit comprises:

- LanCaster™ Cable Tester
- 1 x remote unit
- 2 x RJ45 patch leads
- 4 x AA Batteries
- Full instructions



PART NO.	DESCRIPTION
C00-8161	LANCASTER™ 1000 CABLE CERTIFIER
C00-8162	LANCASTER™ 1000 ADDITIONAL REMOTE



Site Tools & Equipment



Gateguards

Ladders

Site Lighting

Tents and Umbrellas



MILLS PLASTIC GATE GUARDS

The Mills folding barrier system is designed for use around underground chambers, cable laying and other temporary excavations. Available in 3 and 4 sided options.

- Compliant with Chapter 8 Streetworks
- Made from HDPE
- Compatible with existing barriers on the market.
- Folds compactly for easy transportation and storage
- Individual barrier weight: 2kg
- Heavy duty multi fingered gate guard clips
- Length each gate: 750mm
- Height each gate: 1000mm

A) Mills 4 Sided Gate Guard

- Length single gate 750mm
- Total unfolded Length 3000mm
- Height 1000mm
- Total Weight 8kg

B) Mills 3 Sided Gate Guard

- Length single gate 750mm
- Total unfolded Length 2250mm
- Height 1000mm
- Total Weight 6kg

C) Multi Fingered Gate Guard Clip

Easy to clip in place, provides for more secure fixing and compatible with most plastic and metal gate guards.

D) Mills Gate Guard Clip Board

An A4 clipboard manufactured from 3mm white Acrylic cut to size with radius corners and bent into a hook shape to allow for easy hanging on gate guards.

E) Mills Traffic Sandbags

Black 5kg traffic sand bags with carry/hanging handle. Supplied prefilled with gravel.



PART NO.	DESCRIPTION
S00-6123	A) MILLS 4-SIDED GATE GUARD
S00-5646	B) MILLS 3-SIDED GATE GUARD
S00-5598	C) REPLACEMENT GATE CLIP
S00-2544	D) GATE GUARD CLIP BOARD
S00-6725	E) MILLS TRAFFIC SANDBAGS - BLACK 5KG

MILLS CABLING IN PROGRESS SIGNS

Available for internal or external use.

A) S00-0621 Internal Cabling in Progress Sign

Cabling In Progress safety sign designed for internal use, folding flat for easy storage. 600mm height, 290mm wide

B) S00-1627 External Cabling in Progress Sign

Three sided stackable 'Cabling in Progress' bollard, 500mm in height. Width at base 390mm



PART NO.	DESCRIPTION
S00-0621	A) INTERNAL CABLING IN PROGRESS SIGN
S00-1627	B) EXTERNAL CABLING IN PROGRESS SIGN

CONTRACTOR MEASURING WHEEL

Ideal for the precision measurement of roads, pavements or land up to a distance of 9999.9 metres. This distance measuring surveyors wheel has a folding handle with retaining clip making it easy to store, and further benefits include a quick retractable foot stand.



PART NO.	DESCRIPTION
S00-6671	CONTRACTOR MEASURING WHEEL

MILLS PUMP SUBMERSIBLE 3A

A submersible pump designed for pumping out clean water from telecommunication boxes, pits and chambers.

The Mills 2" (50mm) 110 volt 450w pump weighs just 11kg and can raise water from 11 metres at 250 litres per minute.

The Mills 3A Submersible pump can be submerged to a depth of 5 metres and is supplied with a float switch which allows the pump to automatically stop once the chamber has been drained.

As a package the pump is supplied with 15 metres of 2" (50mm) lay flat hose 3A complete with associated fittings.

Height: 28.5 x 27.5 x 36.5cm - Weight 13kg.



PART NO.	DESCRIPTION
S83-1612	A) MILLS PUMP SUBMERSIBLE 3A
P57-5087	B) MILLS CAMLOCK FITTINGS SET FOR JOINING SUBMERSIBLE TWO INCH HOSES
S83-2984	C) HOSE LAY-FLAT 3A

MILLS D DOOR QUICK ERECT TENT

A quick erect jointers tent, ready to use in just 10 seconds. D door versions are the preferred choice for telecommunications use as they are easily able to fit over most street enclosures.

This D door version measures 180 x 180 x 200cms, weighs just 8kg and can be quickly packed away into the supplied carry bag.

Packed dimensions: 145 x 40 x 40cm.

Manufactured from flame resistant fabric meeting CPAI-84 specifications.

Features:

- 1.8m (L) x 1.8m (W) x 2m (H)
- Weight 8kg
- Folded 135cm x 19cm x 19cm
- Fibreglass Rod diameter 10mm
- Walk in height 1.6m
- Flame retardant - CPAI-84
- 10 second easy assembly
- Non-conductive
- PU coated Polyester Cover
- 3 zip front door
- 2 zip rear door
- Rear hook and loop access
- Side mesh covered vents zipped x 2
- Guy lines & tent pegs
- PVC heavy-duty Storage Bag



PART NO.	DESCRIPTION
S00-0949	MILLS D DOOR QUICK ERECT TENT

MILLS PORTABLE VENTILATOR 110V WITH 7.5M HOSE

The Mills Portable Ventilator is designed to provide a constant supply of clean fresh air into small confined spaces, such as manholes. It can even be used to extract non-flammable fumes too! This 200mm blower has a 165w 110v motor delivering an airflow rate of 1500 metres³ per hour (25 metres³ per minute) The unit is supplied complete with 7.5m of 200mm (8") diameter flexible ducting.

Dimensions: 282 x 328 x 248mm.

Weight approx. 8.5kgs



PART NO.	DESCRIPTION
S83-9334	MILLS PORTABLE VENTILATOR

A) MILLS FISHING UMBRELLA

Dual action large umbrella, ideal for jointers working at cabinets. This fishing style dark green umbrella is supplied with a sleeve cover and integrated carry strap - extendable 20mm handle. Length collapsed 108cm - extended height 1.9m.



B) SUCTION UMBRELLA CLAMPS (PAIR)

Ideal for work on street cabinets, this umbrella clamp consists of two suction clamps with support tubes. The umbrella simply fits into the tubes and the clamps attach to a smooth surface such as the side of a street cabinet. For use with the Mills umbrella (S00-3573).



PART NO.	DESCRIPTION
S00-3573	A) FISHING UMBRELLA
S00-3574	B) UMBRELLA CLAMP (PAIR)

WORK AREA PROTECTION MAT

An 80 x 150cm mat with a liquid repellent backing to increase protection in the event of a spillage.



PART NO. DESCRIPTION

S00-4729 WORK AREA PROTECTION MAT

9A FIBREVANE PETROL COMPRESSOR

The 9A has a portable, petrol engine (Honda GX H 50) driven rotary vane compressor, producing 70 l/min of pulse free treated compressed air at a working pressure of 10 bar.

The Mills 9A Fibrevane has been specifically designed with manual handling in mind and is deliberately below the single person lifting weight of 25Kg. If it is necessary to carry the compressor over a long distance a trolley kit is available.

The unit incorporates an integral air cooled aftercooler reducing the compressed air temperature to within 2 degrees C of ambient. A 3 stage filtration system provides technically oil free air.

Noise Compliant to EC Directive 2000/14/EC

Output: 70 l/min

Pressure: 10 bar

Dimensions:

Length 580mm x

Width 345mm x

Height 450mm

Weight: 25Kg



PART NO. DESCRIPTION

S00-1537 9A FIBREVANE PETROL COMPRESSOR

MILLS SWINGBACK FIBREGLASS STEP LADDERS

Professional swing back step ladders, constructed from robust and weather resistant, non-conductive, fibreglass stiles and comfortable aluminium rungs with a slip resistant profile.

These step ladders are insulated to 30,000 volts and are designed for use in live electrical environments. They feature a moulded multi-functional holster top for stowing and organising tools as well as heavy duty bracing to protect the base tread from damage.

In addition, the steps have 'H section' spreader arms making them very easy, safe and quick to deploy.

This range of step ladders has a 150kg working capacity and is ideal for working in electrical environments.

Approved to the latest EN131 standards.

- Suitable for professional trade use
- Independently tested to non-conductive 30,000V rating
- Integral tool rack
- 150kg static load rating (max)
- Comfortable aluminium rungs with a slip resistant profile
- 'H section' spreader arms for quick easy and safe deployment

A) 4 Tread

Open Height 1.1m
Closed Length 1.17m
Number of Treads 4
Weight 5.7kg

B) 5 Tread

Open Height 1.30m
Closed Length 1.47m
Number of Treads 5
Weight 7.0kg

C) 6 Tread

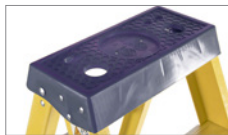
Open Height 1.60m
Closed Length 1.77m
Number of Treads 6
Weight 8.1kg

D) 7 Tread

Open Height 1.87 metres
Closed Length 2.07 metres
Number of Treads 7
Weight 9.5kg

E) 8 Tread

Open Height 2.11m
Closed Length 2.37m
Number of Treads 8
Weight 10.7kg



PART NO. DESCRIPTION

S00-1532 A) MILLS SWINGBACK FIBREGLASS STEP LADDER 4 TREAD
S00-1533 B) MILLS SWINGBACK FIBREGLASS STEP LADDER 5 TREAD
S00-1534 C) MILLS SWINGBACK FIBREGLASS STEP LADDER 6 TREAD
S00-1535 D) MILLS SWINGBACK FIBREGLASS STEP LADDER 7 TREAD
S00-1536 E) MILLS SWINGBACK FIBREGLASS STEP LADDER 8 TREAD

PPE Equipment & Consumables



Cable Ties

Cable Clips

PPE Kit

SDS Drill Bits

Hook and Loop

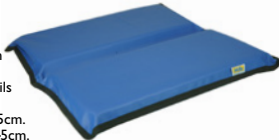
Groundsheets

MILLS BI-FOLD KNEELING PAD

A kneeling mat designed for service engineers and joiners on the move. This kneeling pad is manufactured from 40mm high density foam which when folded gives an 80mm cushion. The kneeler has a hard wearing PVC cover which is easy to clean and is resistant to most oils and chemicals.



Features: Lightweight, foldable compact design. High density 40mm foam providing an 80mm cushion when folded. PVC easy clean cover resistant to most oils and chemicals. Easy to store. Folded dimensions: 45cm x 19.5cm. Unfolded dimensions: 45cm x 45cm.



PART NO. DESCRIPTION

S00-4538 MILLS BI-FOLD KNEELING PAD

MILLS GEL-FILLED KNEE PADS

These heavy-duty Super-Comfort Gel-Filled Protective Knee Pads protect and provide unparalleled comfort when working on your knees. They are ideal for installers and engineers. Breathable lining provides additional comfort and airflow. Adjustable stretch straps provide a secure and comfortable fit. High quality caps are non-marking while ensuring a sure grip. Wide elastic straps stay put; Velcro-fastened for easy on/off. One size fits all.



PART NO. DESCRIPTION

S00-0004 MILLS GEL FILLED KNEE PADS

MILLS HEAVY DUTY ANTIBACTERIAL HANDWIPE - TUB OF 75

Antibacterial hand wipes supplied in a tub of 75. Wipe size: 200 x 260mm.

Tough, fast, safe and convenient wipes designed to remove a wide range of soils such as paint, adhesives, oil, grease, silicone, grime and dirt. They are ideal for cleaning hands, tools and hard surfaces.

Contains ingredients to moisturise hands and prevent drying out.

Not for use on face/near eyes.

Dermatologically tested.



PART NO. DESCRIPTION

R99-6590 MILLS HEAVY DUTY ANTIBACTERIAL HANDWIPE

OIL SPILLAGE KIT (15 LITRE)

The kit comprises 8 absorbent pads, an absorbent boom and a disposal bag. Suitable for an oil spill of up to 15 litres.

The Kit Comprises:

- 12 pads to absorb oil
- 2 socks to contain and absorb oil
- 2 disposable bags and ties
- Instruction sheet.



PART NO. DESCRIPTION

S00-9000 OIL SPILLAGE KIT (15 LITRES)

LATEX GRIP GLOVES

Latex palm ensures the user has a firm all round grip. Soft knitted fabric with uncoated back allows the hand to breathe whilst the textured grip and ribbed knit wrist improves dexterity and comfort for the user.

Ideal for cable handling and general building and construction work.

Size 10.



PART NO. DESCRIPTION

S26-0299 MILLS LATEX GRIP GLOVES

REFLEX GLOVES

Cotton/Polyamide palm coated gloves with flexible latex coating. Excellent grip in both wet and dry conditions for safe and secure handling.



PART NO. DESCRIPTION

S26-3435 REFLEX GLOVES



A) PERSONAL PROTECTION EQUIPMENT (PPE) KIT

The Mills Personal Protection Equipment Kit contains all the essential PPE safety equipment required and is supplied in a large sized drawstring storage bag. The kit can be purchased with a choice of 7 helmet colours. Kit contains:

- **S26-1066** Ear Defenders EN352-1
- **S26-1335** Safety Goggles EN166:2001
- Safety Helmet, in a colour of your choice
- FFP2 Respirator (PK 5)
- **S26-0299** Latex Grip Gloves
- **S26-3769** Yellow Drawstring Bag



B) SMART METER ADDITIONAL PPE KIT

Mills Smart Meter Additional PPE Kit. A more comprehensive PPE kit supplied in a large holdall and comprising:

- **B72-7345** Canvas Holdall with front Zip for PPE
- **S26-7854/PK5** FFP2 Respirator Pack of 5
- **S26-1065** White Safety Helmet
- **R99-7396** Sun cream 50ml
- **S00-4729** Mills Work Area Protection Mat 85 X 150cm
- **S26-1066** Ear Defenders
- **S26-5924** Bolle Bandido II Safety Spectacles
- **S26-7398** Centurion Face Screen
- **S26-7399** Centurion Chin guard
- **S26-7400** Centurion Brow guard



PART NO. DESCRIPTION

S00-5600	A) PERSONAL PROTECTION KIT - YELLOW HELMET
S00-5601	A) PERSONAL PROTECTION KIT - BLUE HELMET
S00-5602	A) PERSONAL PROTECTION KIT - RED HELMET
S00-5603	A) PERSONAL PROTECTION KIT - ORANGE HELMET
S00-5604	A) PERSONAL PROTECTION KIT - GREEN HELMET
S00-5605	A) PERSONAL PROTECTION KIT - BLACK HELMET
S00-5606	A) PERSONAL PROTECTION KIT - WHITE HELMET
A10-7638	B) SMART METER ADDITIONAL PPE KIT

MILLS WATER SAMPLING KIT

UUUK Environment Agency Guideline PPG20 requires the sampling of water of underground structures before de-watering can take place.

The Mills Water Sampling Kit will enable clear identification of polluted water and is housed in a rugged plastic case containing:

- 3 x Sampling bottles with lids
- 1 x Metal sample bottle flange with 3m of cord (for 'at depth' sampling)
- 10 x Disposable gloves
- 160 x Litmus strips with control card
- 1 x Reference/method card



PART NO. DESCRIPTION

S83-7602	MILLS WATER SAMPLING KIT
----------	--------------------------

MILLS GROUND SHEET CARRIAGEWAY BOX

Hi-vis ground sheet tailored in size to be used with all popular 'JRC' and 'JUF' Carriageway Boxes.

The sheet measures 2.1m x 1.5m and is manufactured from hi visibility PVC backed Polyester offering a strong, dry and durable membrane for the operator as well as saving the need for numerous sheets along each side of a pit.



PART NO. DESCRIPTION

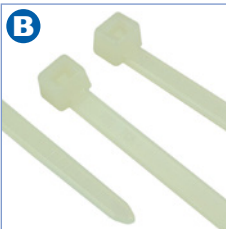
S83-6621	CARRIAGEWAY GROUND SHEET
----------	--------------------------

FUSION CABLE TIES

Suitable for a variety of applications, such as cable binding or harnessing. Supplied in a pack of 100.

- Manufactured from UL approved virgin nylon 6/6
- General operating temperature: -40°C to 85°C

- Flammability rating: UL94V-2 (self-extinguishing within 30 seconds)
- UV resistant for outdoor use (black ties only)
- Black ties are halogen free
- RoHS compliant



Fusion
ALTOGETHER BETTER

A) BLACK TIES

PART NO.	DESCRIPTION
S00-1401	100 X 2.5MM BLACK (PKT 100)
S00-1403	150 X 3.5MM BLACK (PKT 100)
S00-1405	200 X 4.5MM BLACK (PKT 100)
S00-1407	300 X 4.6MM BLACK (PKT 100)

B) NATURAL TIES

PART NO.	DESCRIPTION
S00-1400	100 X 2.5MM NATURAL (PKT 100)
S00-1402	150 X 3.5MM NATURAL (PKT 100)
S00-1404	200 X 4.5MM NATURAL (PKT 100)
S00-1406	300 X 4.6MM NATURAL (PKT 100)

A) CABLE TIE TENSIONER 5A (PLASTIC) 2.4 - 4.8

Lightweight and durable cable tie gun - squeeze trigger to tension, twist to cut. For nylon cable ties 2.4 - 4.8 mm. Ref: 126820.

B) CABLE TIE GUNS

Cable tie gun with automatic cut-off in one simple pull of a trigger. Designed for use with nylon cable ties with widths from 2.2 to 4.8mm and a thickness up to 1.6mm.



PART NO.	DESCRIPTION
S83-0945	A) TENSIONER 5A (PLASTIC) 2.4 - 4.8
S57-3005	B) PROFESSIONAL CABLE TIE GUN

MILLS STAINLESS CABLE TIES

Stainless steel cable ties are ideal for all applications that require high strength, reliability and fire resistance. In the event of a fire, cables will remain securely held in place and will not fall to block emergency exits.

These ties have a locking feature and offer infinite adjustment within their length. The ties are heavy duty and once installed they can be opened and re-used if required.

It is strongly recommended that these cable ties are applied using the S57-4257 Cable Tie Gun for Stainless Steel Ties or S00-5631 Tensioning Tool to ensure reliable and efficient fixing.

Available in 4 popular sizes:

- A) S00-5620 127mm x 4.6mm Pk 100
- B) S00-4685 201mm x 4.6mm Pk 100
- C) S00-4686 300mm x 4.6mm Pk 100
- D) S00-5628 Tie 362mm x 7.9mm Pk 50



E) STAINLESS STEEL CABLE TIE GUN (TRIGGER STYLE)

For tightening and cutting stainless steel cable ties with widths between 4.5 and 7.9mm, and up to 0.3mm thick. The gun cuts stainless steel cable ties once tensioning is complete.

PART NO.	DESCRIPTION
S00-5620	A) STAINLESS STEEL CABLE TIES 127MM X 4.6MM PK 100
S00-4685	B) STAINLESS STEEL CABLE TIES 201MM X 4.6MM PK 100
S00-4686	C) STAINLESS STEEL CABLE TIES 300MM X 4.6MM PK 100
S00-5628	D) STAINLESS STEEL CABLE TIES 362MM X 7.9MM PK 50
S57-4257	E) STAINLESS STEEL CABLE TIE GUN (TRIGGER STYLE)

FUSION CABLE TIE HANDY PACK

A handy pack of 200 different sized, multicoloured cable ties. Suitable for a variety of applications such as cable binding or harnessing.

Comprising:

- 25 x 2.5 x 100mm Red
 - 25 x 2.5 x 100mm Green
 - 25 x 2.5 x 100mm Blue
 - 25 x 2.5 x 100mm Yellow
 - 25 x 2.5 x 150mm Natural
 - 25 x 2.5 x 150mm Black
 - 25 x 3.6 x 200mm Natural
 - 25 x 3.6 x 200mm Black
- Manufactured from UL approved virgin nylon 6/6
 - General operating temperature: -40°C to 85°C
 - Flammability rating: UL94V-2 (self-extinguishing within 30 seconds)
 - RoHS compliant

Fusion
ALTOGETHER BETTER



PART NO.	DESCRIPTION
T70-0623	FUSION CABLE TIE HANDY PACK

HOOK & LOOP CABLE TIES - PKT 100

The Hook and Loop Tie is both quick and simple to use without the need for tools. It is corrosion free, resistant to ageing and re-usable many times. These ties are ideal for use on telephone, optical fibre and data cables.

**PART NO. DESCRIPTION**

R51-8450	BLACK TIE 13 X 150MM (PKT 100)
R51-8451	BLACK TIE 13 X 230MM (PKT 100)
R51-8452	BLACK TIE 13 X 330MM (PKT 100)

HOOK AND LOOP ROLLS

Hook and Loop Tie available on a 25m roll and is simple to use without the need for tools. It is corrosion resistant and re-usable many times. Ideal for use on telephone, optical fibre and data cables. Available in 25m rolls, in 9mm and 16mm widths. Supplied in black.

**PART NO. DESCRIPTION**

R02-7002	9MM HOOK & LOOP 25M ROLL
R02-7003	16MM HOOK & LOOP 25M ROLL

**ELECTRICIANS
PVC TAPES**

Self-extinguishing
& flame retardant.

Conform to
BSEN 60454/3.

33 metres long by
19mm wide rolls.

**PART NO. DESCRIPTION**

R99-5386	BLACK PVC TAPE
R99-3803	RED PVC TAPE
R99-5388	WHITE PVC TAPE
R99-5389	YELLOW PVC TAPE
R99-3804	BLUE PVC TAPE
R99-1216	GREEN & YELLOW PVC TAPE

**FUSION CABLE CLIPS
FOR ROUND, TWIN
AND EARTH CABLES**

Plastic, saddle type cable clips with a single captive hardened zinc plated pin, ideal for voice cables. Supplied in packs of 100 in the following sizes in both black and white, with suitability for voice and power cable sizes as shown.



Fusion
ALTOGETHER BETTER

PART NO. DESCRIPTION

R02-8336	3.5MM WHITE (100) 2 PAIR
R02-8337	3.5MM BLACK (100) 2 PAIR
R02-8338	4.0MM WHITE (100) 3 PAIR
R02-8339	4.0MM BLACK (100) 3 PAIR
R02-8340	5.0MM WHITE (100) 4 PAIR
R02-8341	5.0MM BLACK (100) 4 PAIR
R02-8342	6.0MM WHITE (100) 6 PAIR
R02-8343	6.0MM BLACK (100) 6 PAIR
S83-0838	CLEAT WIRING 11B BLACK (FOR DROPWIRE)
R02-8344	7.0MM WHITE (100) 10 PAIR
R02-8345	7.0MM BLACK (100) 10 PAIR
R02-8346	8.0MM WHITE (100) 10 PAIR + E
R02-8347	8.0MM BLACK (100) 10 PAIR + E
R02-8348	9.0MM WHITE (100) 20 PAIR
R02-8349	9.0MM BLACK (100) 20 PAIR
R02-8350	10.0MM WHITE (100) 20 PAIR + E
R02-8351	10.0MM BLACK (100) 20 PAIR + E
R02-8352	11.0MM WHITE (100) 30 PAIR
R02-8353	11.0MM BLACK (100) 30 PAIR
R02-8354	14.0MM WHITE (50) 40 PAIR + E
R02-8355	14.0MM BLACK (50) 40 PAIR + E
R02-8356	16.0MM WHITE (50) 50 PAIR + E
R02-8357	16.0MM BLACK (50) 50 PAIR + E

CABLE CLIPS FOR TWIN AND EARTH

R02-9883	1.0MM TWIN & EARTH CLIP PKT 100
R02-2276	1.5MM TWIN & EARTH CLIP PKT 100
R02-2277	2.5MM TWIN & EARTH CLIP PKT 100
R02-9884	4.0MM TWIN & EARTH CLIP PKT 100
R02-9885	6.0MM TWIN & EARTH CLIP PKT 100

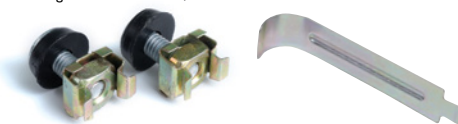
FUSION CAGE NUTS & CAGE NUT TOOL

Fusion Cage Nut Sets M6 x 16mm

Fusion
ALTOGETHER BETTER

Supplied in pkts of 50 and 100 zinc plated or in black.

Caged Nut Insertion and Removal Tool - Ideal for helping installers insert cage nuts into cabinets, and to aid removal. Saves time!

**PART NO. DESCRIPTION**

T70-2366	ZINC PKT 50 CAGED NUT SET
T70-2367	ZINC PKT 100 CAGED NUT SET
T70-2508	BLACK PKT 100 CAGED NUT SET
C00-0113	CAGED NUT INSERTION/REMOVAL TOOL

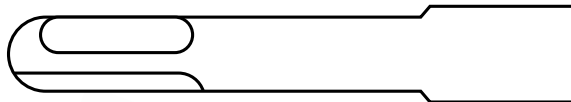
PROFESSIONAL QUALITY S.D.S SHANK MASONRY DRILLS

Mills S.D.S Premium Drill Bits are fully hardened, high performance, hammer drill bits with tungsten carbide tips and an S.D.S+ shank.

For use in granite, concrete, masonry, tiles, etc.

This drill bit will fit in drill machines with an S.D.S+ chuck only.

Sizes quoted are Diameter x Overall Length.



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
N36-1118	5.0 X 110MM S.D.S MASONRY DRILL (NO. 8)	N36-1192	12.0 X 600MM S.D.S MASONRY DRILL
N36-1861	5.0 X 160MM S.D.S MASONRY DRILL (NO. 8)	N36-1865	12.0 X 1000MM S.D.S MASONRY DRILL
N77-0540	5.5 X 110MM S.D.S MASONRY DRILL (NO. 10)	N36-1593	12.0 X 1400MM S.D.S MASONRY DRILL
N77-0539	5.5 X 160MM S.D.S MASONRY DRILL (NO. 10)	N36-1136	14.0 X 260MM S.D.S MASONRY DRILL
N36-1121	6.0 X 110MM S.D.S MASONRY DRILL	N77-0544	14.0 X 450MM S.D.S MASONRY DRILL
N36-1122	6.0 X 160MM S.D.S MASONRY DRILL	N77-0532	14.0 X 600MM S.D.S MASONRY DRILL
N36-5005	6.0 X 450MM S.D.S MASONRY DRILL	N36-1866	14.0 X 1000MM S.D.S MASONRY DRILL
N36-1123	6.5 X 110MM S.D.S MASONRY DRILL (NO. 12)	N36-1594	14.0 X 1400MM S.D.S MASONRY DRILL
N36-1124	6.5 X 160MM S.D.S MASONRY DRILL (NO. 12)	N36-1139	16.0 X 200MM S.D.S MASONRY DRILL
N36-8161	7.0 X 160MM S.D.S MASONRY DRILL (NO. 14)	N77-0538	16.0 X 450MM S.D.S MASONRY DRILL
N36-1187	7.0 X 210MM S.D.S MASONRY DRILL	N77-0543	16.0 X 600MM S.D.S MASONRY DRILL
N77-0664	8.0 X 110MM S.D.S MASONRY DRILL	N77-0534	16.0 X 1000MM S.D.S MASONRY DRILL
N36-1127	8.0 X 160MM S.D.S MASONRY DRILL	N36-1595	16.0 X 1400MM S.D.S MASONRY DRILL
N36-1863	8.0 X 260MM S.D.S MASONRY DRILL	N77-0535	18.0 X 600MM S.D.S MASONRY DRILL
N77-0531	8.0 X 450MM S.D.S MASONRY DRILL	N36-1142	20.0 X 200MM S.D.S MASONRY DRILL
N36-1129	10.0 X 160MM S.D.S MASONRY DRILL	N36-1143	20.0 X 450MM S.D.S MASONRY DRILL
N36-1130	10.0 X 260MM S.D.S MASONRY DRILL	N36-1196	20.0 X 600MM S.D.S MASONRY DRILL
N77-0541	10.0 X 450MM S.D.S MASONRY DRILL	N36-1868	20.0 X 1000MM S.D.S MASONRY DRILL
N77-0542	10.0 X 600MM S.D.S MASONRY DRILL	N36-1869	22.0 X 250MM S.D.S MASONRY DRILL
N77-0533	10.0 X 1000MM S.D.S MASONRY DRILL	N36-1870	22.0 X 450MM S.D.S MASONRY DRILL
N36-1592	10.0 X 1400MM S.D.S MASONRY DRILL	N36-1871	22.0 X 600MM S.D.S MASONRY DRILL
N36-1591	12.0 X 160MM S.D.S MASONRY DRILL	N36-1873	25.0 X 250MM S.D.S MASONRY DRILL
N36-1132	12.0 X 260MM S.D.S MASONRY DRILL	N36-1144	25.0 X 450MM S.D.S MASONRY DRILL
N77-0537	12.0 X 450MM S.D.S MASONRY DRILL	N36-1874	25.0 X 1000MM S.D.S MASONRY DRILL



Cable Handling



Cable Stands

Cable Jacks

Pit Keys

Cable Rollers

Cable Dispenser



Duct Rods

Fish Wires



THE MILLS POLEMATE SYSTEM

The Polemate range of products and accessories has been specifically designed in conjunction with telecom engineers to assist field operational staff with the installation of telecommunication equipment. The Polemate system comprises a pole-mounting base unit to which splicing trays and cable reel stands can quickly and easily be attached providing a stable platform whilst on site. In addition many of the components are interchangeable with the Mills Pitmate System, shown on page 87. The Mills Polemate system can be supplied as modular components or as a complete Polemate kit.



MILLS POLEMATE KIT

Kit comprises;

S83-7622 Base Unit

S83-7623 Rubber Wedge Spacers Pk3

S83-7629 Splicer's Work Tray

S83-7624 CBT Arm

S83-9327 Complete Kit



Polemate Base Unit



...with General Tray



...with Splicer's Tray



...with CBT Reel Arm



MILLS POLEMATE BASE UNIT

The foundation of the Polemate system is this Polemate Base Unit which comprises a 50mm wide x 1200mm long webbing ratchet strap and a pole back plate, which can be simply ratcheted to the desired height on the pole.



MILLS POLEMATE BASE UNIT WITH SPLICER'S WORKTRAY

This kit contains a 50mm wide x 1500mm long webbing strap with back plate, splice table with splicer tripod fixing 508mm x 408mm.

Strap Dimensions 50mm width x 1500mm in length. Splice Tray 508mm width x 408mm depth x 2mm thickness. Total weight 5.2Kg



SPLICER'S WORK TRAY

A purpose made splicers tray that simply slots into the S83-7622 Polemate Base Unit providing a firm work support for both joint, splicer, cleaver and associated tools.

Dimensions: Width 508mm x Depth 408mm x Thickness 2mm.



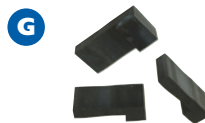
CBT ARM

A specialist 500mm long bracket for use in the installation and controlled de-reeling of CBT Cable Reel Assemblies up to a diameter of 830mm. The CBT Arm System allows the reel to be unreeled in a controlled manner due to the interference fit of the spindle flanges.



GENERAL WORKING TRAY

Easily slipped into the S83-7622 Mills Polemate Base Unit Bracket providing a firm work support for general service and maintenance applications. Dimensions: 508mm x 258mm

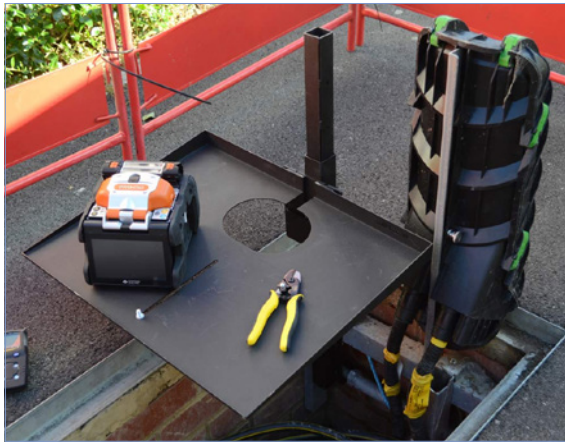


RUBBER WEDGE SPACER PK3

Pack of 3 wedge-shaped rubber spacers which can be used to prevent compression marks and avoid damage to vertically routed copper cables. Dimensions: Length 100mm x Width 50mm wide x Thickness 15/30mm.

PART NO. DESCRIPTION

S83-9327	A) MILLS POLEMATE KIT
S83-7622	B) MILLS POLEMATE BASE UNIT
S83-6958	C) MILLS POLEMATE BASE UNIT WITH SPICERS WORKTRAY
S83-7629	D) MILLS POLEMATE / PITMATE SPLICER'S WORK TRAY
S83-7624	E) MILLS POLEMATE / PITMATE CBT ARM
S83-7431	F) MILLS POLEMATE / PITMATE GENERAL WORKING TRAY
S83-7623	G) MILLS POLEMATE RUBBER WEDGE SPACER PK3



THE MILLS PITMATE SYSTEM

The Pitmate range of products and accessories has been specifically designed in conjunction with telecom engineers to assist field operational staff with the installation of telecommunication equipment. The Pitmate system comprises a Pitmate Base Unit which can be attached to the existing Mobra arms allowing splicing trays, cable reel stands and even umbrella stands to be quickly and easily attached providing a stable platform whilst on site. In addition many of the components are interchangeable with the Mills Polemate System, shown on page 86.

MILLS PITMATE KIT

Kit comprises;

S83-7629 Splicer's Work Tray

S83-7626 Mobra Arm Bracket

S83-7624 CBT Arm



Pitmate Base Unit



...with Splicer's Tray



...with General Tray



...with CBT Reel Arm



A

B



MOBRA ARM BRACKET

An adjustable bracket which can be fixed easily to the Mobra frame. The bracket can be adjusted to 6 different heights by use of the captive pin in 80mm increments, starting from a minimum height of 150mm to a maximum of 550mm.

C



CBT ARM

A specialist 500mm long bracket for use in the installation and controlled de-reeling of CBT Cable Reel Assemblies up to a diameter of 830mm. The CBT Arm System allows the reel to be unreeled in a controlled manner due to the interference fit of the spindle flanges.

D



SPLICER'S WORK TRAY

A purpose made splicers tray that simply slots into the S83-7622 Polemate Base Unit or Pitmate Mobra Arm Bracket (S83-7626) providing a firm work support for both joint, splicer, cleaver and associated tools.

Dimensions: Width 508mm x Depth 408mm x Thickness 2mm.

E



GENERAL WORKING TRAY

Easily slipped into the S83-7622 Mills Polemate Base Unit Bracket providing a firm work support for general service and maintenance applications. Dimensions: 508mm x 258mm

F



UMBRELLA CLAMP FOR MOBRA FRAME

An 'L' shaped clamp which quickly fixes to the Mobra frame. The umbrella clamp accepts most umbrellas with a stock of 18-34mm.

PART NO.	DESCRIPTION
S83-9326	A) MILLS PITMATE KIT
S83-7626	B) MILLS PITMATE MOBRA ARM BRACKET
S83-7624	C) MILLS POLEMATE / PITMATE CBT ARM
S83-7629	D) MILLS POLEMATE / PITMATE SPLICER'S WORK TRAY
S83-7431	E) MILLS POLEMATE / PITMATE GENERAL PURPOSE WORK TRAY
S83-7625	F) MILLS PITMATE UMBRELLA CLAMP FOR MOBRA FRAME

A) MILLS 24" CABLE A FRAME DRUM STAND DISPENSER



24 Inch Universal Cable Reel Stand - Suits drums up to 600mm diameter, 500mm width and weight of 100kg.

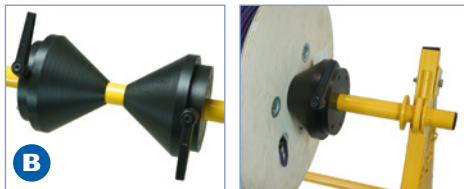
Dimensions:
780 x 750 x 180mm.
Weight: 10kg.

B) MILLS CABLE DRUM CONES FOR CABLE A FRAME

A pair of tapered cones designed to be used in conjunction with the S13-1200 Mills Cable A Frame, allowing smooth dispensing of cable from single or multiple cable drums.

The cones are tapered to accept reels with spindle bores from 25mm to 120mm. In addition, multiple pairs of cones can be 'back to backed' to allow more than one reel to be dispensed.

The cones have quick turn toggle clamps which can be easily adjusted to accept reel widths of up to 500mm.



PART NO. DESCRIPTION

S13-1200	A) MILLS 24" CABLE A FRAME DRUM STAND DISPENSER
S13-0464	B) MILLS CABLE DRUM CONES FOR CABLE A FRAME

A) MILLS POLE TESTING AUGER BIT

A specialist auger bit used in conjunction with S83-0765 Brace Coach Screw for testing for the presence of internal decay in poles. The tool diameter is 4.75mm (3/16") with an overall length of 178mm (7"). Ref: 112089.



B) MILLS PROBE POLE TESTER

A specialist tool to detect external decay on wooden poles. The tool has a 150mm hardened blade with a ring milled 30mm (1 1/4") from the end of the spike, to easily and quickly indicate signs of rotting or decomposition of the pole. Overall length 250mm. Ref: 122540.

PART NO. DESCRIPTION

S83-0572	A) MILLS POLE TESTING AUGER BIT
S13-0806	B) MILLS PROBE POLE TESTER

BRACE COACH SCREW

Hand held brace, used to attach and remove coach screws from poles.

Ref: 112089.



PART NO. DESCRIPTION

S83-1636	BRACE COACH SCREW
----------	-------------------

MILLS PROP RAISING TELESCOPIC 6.2M

The Prop Raising Telescopic is an insulated telescopic rod which can extend to 6.2 metres and is used as a temporary support for aerial drop cables that require maintenance and have dropped below 5.2 metres.

The prop is manufactured from non conductive GRP and can collapse to a closed storage length of 1.8 metres.

The prop features a fabricated wire cage which assists in gathering the cable prior to lifting and repositioning.



PART NO. DESCRIPTION

S83-3546	MILLS PROP RAISING TELESCOPIC 6.2M
----------	------------------------------------

MILLS POLE HORSE

An essential aid for all pole installers, allowing poles of all dimensions to be supported while pole furniture is added or removed prior to or post installation. The Mills pole support benefits from flat feet plates and safety support chains. The horse pole can quickly be folded flat for ease of storage.

Ref: 126681.



PART NO. DESCRIPTION

S83-2653	HORSE POLE
----------	------------

DISPENSER DROPWIRE 2C

A specialist cable stand and dropwire dispenser, manufactured from tubular steel construction with an adjustable tensioning device to prevent overrun of the drum. The drum is held by means of a spring loaded spindle. The unit further benefits from a telescopic handle giving a collapsed height of 600mm.

The 2B has now evolved to a 2C with the modification of the spindle which is now less than 100mm in length and replaces the legacy mechanism allowing for much easier loading procedure.

Ref: 127548 / 126468.



PART NO.	DESCRIPTION
S00-8432	DISPENSER DROPWIRE 2C

DISPENSER SASH LINE

Sash line dispenser used with Dispenser Dropwire to aid dispensing of Sash Line.

Ref: 126356.



PART NO.	DESCRIPTION
S83-0782	DISPENSER SASH LINE

STRAP LASHING NO.1

Webbing strap 1 metre in length by 25mm wide, attached permanently to a small load lashing device. Used to secure S00-8426 Dropwire Dispenser to poles during the erection of dropwires.



PART NO.	DESCRIPTION
S83-1956	STRAP LASHING NO.1

STOOL FOLDING

The Mk2 Jointers Stool has been designed in conjunction with a major UK telecom utility and reflects the changing height and weight of the average adult jointer and is an upgraded version of the traditional 'Stool Folding'. The stool is tested to 150kg.

Height 39cm with a seat size of 40cm x 28.5cm



PART NO.	DESCRIPTION
S13-4455	STOOL FOLDING JOINTERS MK2

BELT POLE 1B

Used along with Dispenser Dropwire 1 to tie off sash line at the base of a pole. In the interests of safety, this item is non-returnable and non-refundable (unless faulty). Ref: 126966.



PART NO.	DESCRIPTION
S83-3949	BELT POLE 1B

MILLS STAR LOCK PILLAR KEY FOR HUAWEI CABINETS

A multi-purpose star shaped key for use on normal copper cabinets as well as Huawei and ECI DSLAM's Cabinets.

This key is similar to the standard S13-0804 triangular pillar key but has further semi-circular recesses that allow it to be used on both copper and fibre cabinets.



PART NO.	DESCRIPTION
S13-1635	MILLS STAR LOCK PILLAR KEY FOR HUAWEI CABINETS

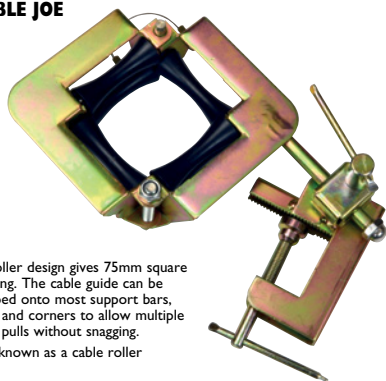
KEY PILLAR

A multi purpose triangular shaped key for use on hollow poles, cross connection cabinets, distribution pillars and jointing posts.

Ref: 114996.



PART NO.	DESCRIPTION
S13-0804	KEY PILLAR

CABLE JOE

Six roller design gives 75mm square opening. The cable guide can be clamped onto most support bars, joists and corners to allow multiple cable pulls without snagging.

Also known as a cable roller

PART NO.	DESCRIPTION
S00-5229	CABLE JOE

GUIDE CABLING 17A

Used to guide standard cabling ropes and steel wire in or out of duct mouths.

Ref: I27259.



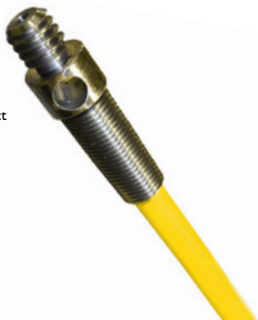
PART NO.	DESCRIPTION
S13-1238	GUIDE CABLING 17A

GRIP COUPLING 1A

The Grip Coupling 1A is a simple 3 metre x 13mm fibre rod to assist in straightening 25mm subduct No 5, prior to installation.

The full length of the rod is inserted and secured into the 25mm subduct using its tapered thread fixing.

Once secured the 'Grip Coupling 1A' can then be attached to a duct rod No 1 (S83-1446) or duct rod No 2 (S83-0711) and the subduct easily introduced and pulled into the main duct.



PART NO.	DESCRIPTION
S83-9321	GRIP COUPLING 1A

BELLMOUTHS

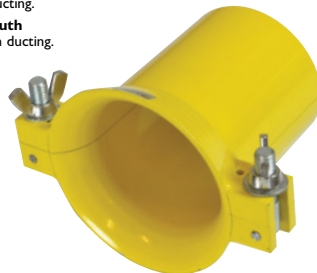
Used to prevent damage when drawing cable into ducts. Consists of a two part tubular sleeve which is assembled around the cable whilst in situ.

No.1 Split Bellmouth

For use on 83mm ducting.

No.2 Split Bellmouth

For use on 90/92mm ducting.



PART NO.	DESCRIPTION
S00-1240	NO.1 SPLIT BELLMOUTH
S00-1241	NO.2 SPLIT BELLMOUTH

ROLLER ROPE GUIDING SURFACE

Used to guide draw ropes and cabling ropes out of joint boxes avoiding fraying to the rope. The unit comprises an aluminium roller mounted on a steel frame.

Height: 150mm.

Width: 152mm.

Length: 254mm.

Weight: 4kgs.

Ref: I22690.



PART NO.	DESCRIPTION
S13-1237	ROLLER ROPE GUIDING SURFACE

SUBDUCT PULLING EYE (WUD CARROT / GRIP THREADED)

Designed to install polyethylene ducting (sub duct) using a 100mm long screw-in tapered thread which will grip ducts with an inner diameter of 10 to 22mm. These 'grips threaded' have cutting edges which actually make a thread in the bore of the ducting, similar to using a tap to cut a thread in steel. To ensure a reliable grip we recommend 7 or 8 full threads of contact.

The Mills WUD Carrot has a 'Type A' male thread for direct fitting to the female end of the No 1 and No 2 Ferret Duct Rods (S83-1446 and S83-0711). These subduct 'pulling eyes' are manufactured from hardened steel and have been zinc plated to provide corrosion resistance.



PART NO.	DESCRIPTION
S13-1825	SUBDUCT PULLING EYE (WUD CARROT)

RODS CONTINUOUS (COBRAS)

Cobra rods represent a faster and more economic solution to screw together duct rods and are available in standard diameters from 4.5mm to 14mm and a range of lengths to suit most applications.

The conduit rods are supplied in robust zinc plated steel frames and utilise a high quality reinforced fibreglass rod with high tensile strength ensuring on-going reliability and performance. 4.5mm and 6mm units are free standing whilst the heavier 9mm, 11mm and 14mm units are supplied with wheels for mobility and ease of use.

For rod and frame, or replacement rods sizes 9mm and above, the below prices include standard delivery to mainland U.K. (excludes Scottish Highlands).

PART NO. DESCRIPTION

S00-7714	4.5MM X 60M ROD AND FRAME 6KG
S00-7750	4.5MM X 60M REPLACEMENT ROD 2KG
S00-3062	4.5MM X 80M ROD AND FRAME 8KG
S00-3585	4.5MM X 80M REPLACEMENT ROD 3KG
S00-1358	6MM X 60M ROD & FRAME 10KG
S00-1368	6MM X 60M REPLACEMENT ROD 1KG
S00-3063	4.5MM X 100M ROD AND FRAME 9.5KG
S00-3586	4.5MM X 100M REPLACEMENT ROD 4KG
S00-3590	6MM X 100M ROD & FRAME 12KG
S00-3591	6MM X 100M REPLACEMENT ROD 3KG
S00-3290	6MM X 120M ROD AND FRAME 12KG
S00-3291	6MM X 120M REPLACEMENT ROD 3KG
S00-3292	6MM X 150M ROD AND FRAME 13KG
S00-3293	6MM X 150M REPLACEMENT ROD 4KG
S00-3294	9MM X 100M ROD AND FRAME 30KG
S00-3295	9MM X 100M REPLACEMENT ROD 9KG
S00-1352	9MM X 120M ROD & FRAME 32KG
S00-1369	9MM X 120M REPLACEMENT ROD 11KG
S00-1370	9MM X 150M ROD & FRAME 35KG
S00-1371	9MM X 150M REPLACEMENT ROD 14KG
S00-3296	9MM X 200M ROD AND FRAME 40KG
S00-3297	9MM X 200M REPLACEMENT ROD 18KG
S00-3298	11MM X 100M ROD AND FRAME 39KG
S00-3299	11MM X 100M REPLACEMENT ROD 16KG
S00-3300	11MM X 150M ROD AND FRAME 47KG
S00-3301	11MM X 150M REPLACEMENT ROD 24KG
S00-1355	11MM X 200M ROD & FRAME 54KG
S00-1372	11MM X 200M REPLACEMENT ROD 31KG
S00-1356	11MM X 250M ROD & FRAME 61KG
S00-1373	11MM X 250M REPLACEMENT ROD 38KG
S00-3302	11MM X 300M ROD AND FRAME 69KG
S00-3303	11MM X 300M REPLACEMENT ROD 46KG
S00-7604	11MM X 350M ROD AND FRAME
S00-7608	11MM X 350M REPLACEMENT ROD
S00-3304	14MM X 150M ROD AND FRAME 65KG
S00-3305	14MM X 150M REPLACEMENT ROD 33KG
S00-3306	14MM X 200M ROD AND FRAME 77KG
S00-3307	14MM X 200M REPLACEMENT ROD 45KG
S00-3308	14MM X 250M ROD AND FRAME 87KG
S00-3309	14MM X 250M REPLACEMENT ROD 55KG
S00-3310	14MM X 300M ROD AND FRAME 99KG
S00-3311	14MM X 300M REPLACEMENT ROD 67KG
S00-3312	14MM X 350M ROD AND FRAME 111KG
S00-3313	14MM X 350M REPLACEMENT ROD 79KG
S00-7605	14MM X 400M ROD AND FRAME
S00-7609	14MM X 400M REPLACEMENT ROD
S00-7606	14MM X 450M ROD AND FRAME
S00-7610	14MM X 450M REPLACEMENT ROD
S00-7607	14MM X 500M ROD AND FRAME
S00-7611	14MM X 500M REPLACEMENT ROD



MILLS COBRA ACCESSORY KITS 4.5MM AND 6MM

Comprehensive accessory kit for 4.5mm or 6mm cobra frames comprising:

- End Fitting
- Joint Coupler
- Bullet End
- Spring End Attachment
- Bullet End with Shackle
- Roller End Attachment
- R00-3505 Engineering Adhesive 3ml

Now supplied in B99-1832 Mills Storage Pouch.



PART NO. DESCRIPTION

S00-7666	A) COBRA ACCESSORY KIT 4.5MM
S00-7667	B) COBRA ACCESSORY KIT 6MM

MILLS COBRA ACCESSORY KITS 9MM, 11MM AND 14MM

Comprehensive accessory kit for 9mm, 11mm and 14mm cobra frames comprising:

- End Fitting
- Joint Coupler
- Bullet End
- Flexi End 6mm
- Spring End Attachment
- Bullet End with Shackle
- Roller End Attachment
- Ball Attachment 40mm
- R00-3505 Engineering Adhesive 3ml

Now supplied in B99-1832 Mills Storage Pouch.



PART NO. DESCRIPTION

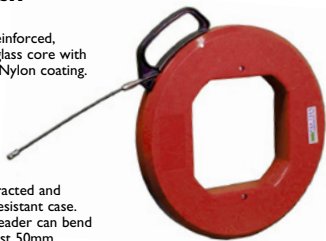
S00-7668	A) COBRA ACCESSORY KIT 9MM
S00-7669	B) COBRA ACCESSORY KIT 11MM
S00-7670	C) COBRA ACCESSORY KIT 14MM

FIBREGLASS FISH TAPE 16M

Comprising a 4mm reinforced, non-conductive fibreglass core with self-lubricating outer Nylon coating.



The tape is easily retracted and stored in an impact resistant case. The 180mm flexible leader can bend through a radius of just 50mm.



PART NO. DESCRIPTION

C00-1561 16M FIBREGLASS FISH TAPE

STEEL FISH TAPE 30M

This traditional 30m (100ft) fish tape is manufactured from high strength flexible 3mm wide spring steel with hooked end to avoid snagging in use. It is housed in a sturdy impact resistant rotating plastic storage case.



PART NO. DESCRIPTION

C00-3015 30M STEEL FISH TAPE

MILLS REPLACEMENT BRAKE HANDLES

A) Replacement Brake Handle for 9, 11 & 14mm Cobras

B) Mills Replacement Brake Handle for 4.5 and 6mm Cobras



PART NO. DESCRIPTION

S00-0429 A) REPLACEMENT BRAKE HANDLE FOR 9, 11 & 14MM COBRAS

S00-0424 B) REPLACEMENT BRAKE HANDLE FOR 4.5 AND 6MM COBRAS

MILLS BULLET END FOR COBRA RODS

Threaded tip which guides the rod through the duct, the eye allowing a pulling rope to be attached to the rod.



PART NO. DESCRIPTION

S13-1380 A) 4.5/6MM BULLET END

S13-1381 B) 9/11/14MM BULLET END

S13-1957 C) MILLS SLIM BULLET END FOR 9MM 11MM & 14MM COBRA RODS

MILLS SWIVEL CONNECTORS FOR 4.5, 6, 9, 11 AND 14MM COBRA RODS

For long runs, this accessory enables two cobras to be screwed and coupled together.

Available for 4.5, 6, 9, 11 & 14MM Cobra Rods.



PART NO. DESCRIPTION

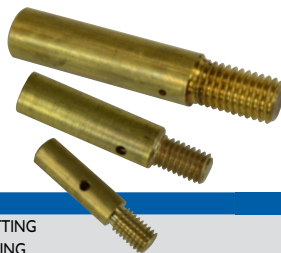
S13-0668 SWIVEL CONNECTOR FOR 4.5MM & 6MM COBRA RODS

S13-0582 SWIVEL CONNECTOR FOR 9MM, 11MM & 14MM COBRA RODS

END FITTINGS

Male threaded brass rod end connector supplied as standard at both ends of all rods.

Does not include adhesive.



PART NO. DESCRIPTION

S13-7715 4.5MM END FITTING

S13-1374 6MM END FITTING

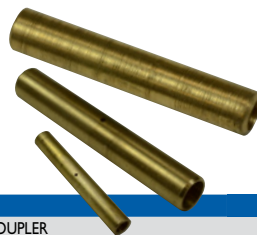
S13-1375 9MM END FITTING

S13-1376 11MM END FITTING

S03-5895 14MM END FITTING

JOINT COUPLERS

Connector used to repair broken rods. Requires the use of adhesive (not included).



PART NO. DESCRIPTION

S00-7716 4.5MM JOINT COUPLER

S13-1377 6MM JOINT COUPLER

S13-1378 9MM JOINT COUPLER

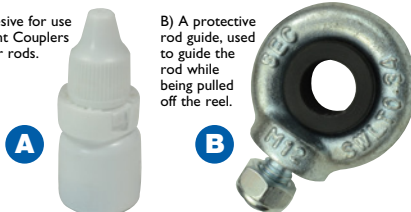
S13-1379 11MM JOINT COUPLER

S03-4759 14MM JOINT COUPLER

ADHESIVE & REPLACEMENT EYES

A) Adhesive for use with Joint Couplers to repair rods.

B) A protective rod guide, used to guide the rod while being pulled off the reel.



PART NO. DESCRIPTION

R00-3505 A) 3ML ADHESIVE

S00-4263 B) REPLACEMENT EYES FOR 9, 11 & 14MM RODS

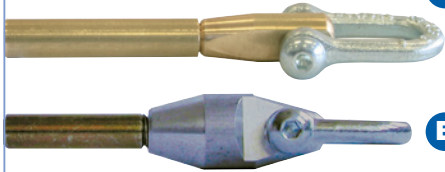
MILLS FLEXI END FOR 9MM, 11MM & 14MM COBRA RODS

A 60cm length of 6mm rod with pulling eye, used to assist conduit rods around bends, suitable for 9mm, 11mm and 14mm cobras.



PART NO.	DESCRIPTION
S00-1382	FLEXI END

MILLS SHACKLE ATTACHMENT FOR 4.5MM - 14MM COBRA RODS



PART NO.	DESCRIPTION
S03-6605	A) BULLET END WITH SHACKLE FOR 4.5 & 6MM RODS
S03-6607	B) BULLET END WITH SHACKLE FOR 9, 11 & 14MM RODS

BALL END & U-SHACKLE

A) 40mm ball end attachment for 9, 11 & 14mm rod ends.

A



B



B) U-shackle: smooth to prevent snagging and cable damage for use with S13-1381 bullet end.

PART NO.	DESCRIPTION
S13-3067	A) 40MM BALL ATTACHMENT FOR 9, 11 & 14MM
S00-8170	B) U-SHACKLE

MILLS SPRING END ATTACHMENT FOR 4.5MM - 14MM COBRA RODS

A) Spring End Attachment for 4.5/6mm Cobra rods.



A

B) Spring End attachment to assist conduits around more acute bends - suitable for 9, 11 & 14mm rod ends - length 175mm.



B

PART NO.	DESCRIPTION
S03-6604	A) SPRING END ATTACHMENT FOR 4.5 & 6MM RODS
S13-3068	B) SPRING END ATTACHMENT FOR 9/11/14MM RODS

DOUBLE-PAD SUCTION LIFTER

Features 2 x 125mm quick release rubber suction pads. The product is capable of lifting up to 80kg, dependent on the cleanliness and condition of the material being lifted. This is purely a guide.

Supplied individually.



PART NO.	DESCRIPTION
E22-6374	ALUMINIUM DOUBLE-PAD SUCTION LIFTER

MILLS ROLLER END ATTACHMENT FOR 4.5MM - 14MM COBRA RODS

A) Wheel Attachment for 4.5/6mm Rods.

B) Wheel Attachment for 9, 11, and 14mm Rods.



B

PART NO.	DESCRIPTION
S03-6606	A) ROLLER END ATTACHMENT FOR 4.5 & 6MM RODS
S03-6608	B) ROLLER END ATTACHMENT FOR 9, 11 & 14MM RODS

MILLS PULL PUCK

An essential aid for providing extra grip, when pulling and pushing most cable up to a diameter of 16mm. Manufactured from a high visibility yellow rubberised material and, at just 76mm diameter, the Mills cable pulling puck fits into the palm of your hand.



PART NO.	DESCRIPTION
S00-6417	MILLS PULL PUCK

DRAWROPE NO.1

500m drum of 6mm diameter drawrope.

The drawrope is used for underground cabling operations.

It is usually placed in an empty duct when the duct is laid and stays there for a long time until being used to pull a cable through.



PART NO.	DESCRIPTION
S00-1739	DRAWROPE NO.1

RESIN 14 REMOVAL TOOLKIT

The Resin 14 Removal Toolkit is for the removal of Resin 14 duct seals from within cabinet/DSLAM, and comprises a Manual Impact Drill, 1 x 5.5mm x 210mm, 1 x 8mm x 210mm SDS drill bits and a pair of Extraction Hooks.

The extraction hooks are approx. 600mm in length with a T-handle at one end and a small hook at the other.

Ref: 088051.



PART NO.	DESCRIPTION
S83-1838	THE RESIN 14 REMOVAL TOOLKIT

MILLS UNIVERSAL CABLE DRUM DISPENSER

A heavy duty multi-purpose cable caddy, ideal for use with telecom, security datacom and electrical cable reels.

The cable caddy will accept cable reels with a diameter of up to 360mm, a maximum width of 330mm and a spindle diameter of up to 35mm.

Cable reels can be quickly and easily loaded on the cable caddy and retained in position by the captive 'quick action' antilutce fastener.

A 30mm tie off ring is provided to assist with storage and transportation.

Cable not included.



PART NO.	DESCRIPTION
S00-5796	UNIVERSAL CABLE DRUM DISPENSER

KEY JOINT BOX 4

Long handled version of Key Joint Box 2, enabling the user to lift the cover whilst standing up.

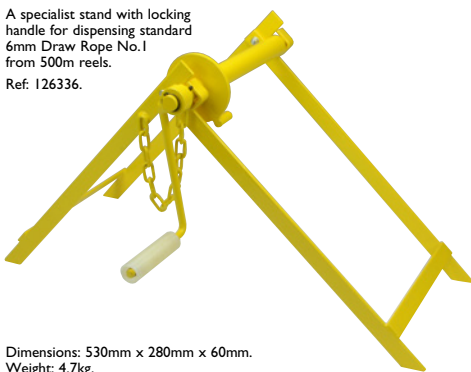


PART NO.	DESCRIPTION
S13-1071	KEY JOINT BOX 4

DRAWROPE DISPENSER

A specialist stand with locking handle for dispensing standard 6mm Draw Rope No.1 from 500m reels.

Ref: 126336.

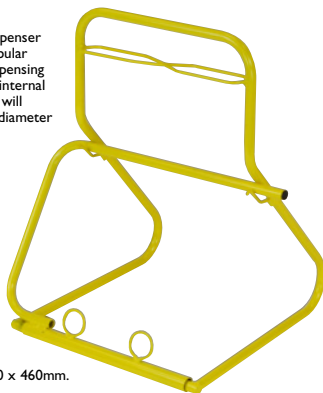


Dimensions: 530mm x 280mm x 60mm.
Weight: 4.7kg.

PART NO.	DESCRIPTION
S13-1239	DRAWROPE DISPENSER

DISPENSER 1A

A lightweight cable dispenser manufactured from tubular steel. Designed for dispensing reeled wire jumper & internal cable (up to 6 pair). It will accept drums up to a diameter of 50cm.



Dimensions: 330 x 330 x 460mm.
Weight: 1.8 kg.

PART NO.	DESCRIPTION
S83-4688	DISPENSER 1A

KEY JOINT BOX 5M WITH MAGNETIC ARMS & CLEANING KEY

The Mills premier pit lifting key, similar to the classic key joint box No 5 but enhanced with integral cleaning tool, quick change hook and magnetic counterbalance arms.

Cleaning Tool - a wedge shaped key for cleaning around covers prior to opening, which neatly screws back into the handle for storage.

Magnetic Counterbalance arms - when in the

closed position the arms are held to the body of the lifter by strong magnetic pads. The arms can be purchased separately and are compatible with Mills Classic No 5 Lifter (S00-4276) and most other manufacturers No 5 lifters. They can be easily retrofitted in minutes.

Quick Change Hook - the No 5M lifter benefits from a quick change forged hook, which can be

easily changed from forward to back position, allowing stubborn covers to be 'cracked'. The hook is secured by a simple tee key. The hook and tee key can be purchased separately and are compatible with Mills Classic No 5 Lifter (S00-4276) and most other manufacturers No 5 lifters.

Ref: 129320.



B

**B) MAGNETIC
COUNTERBALANCE
ARMS**

C

C) QUICK CHANGE HOOK

D

**D) NO.5 PIT LIFTER
UPGRADE KIT**

Service your old No 5 Lifter with a new set of magnetic arms and quick change hook - suitable for most current and legacy No 5s.

E

**E) MILLS REPLACEMENT
CLEANING TOOL FOR
NO.5 PIT LIFTER**

A wedge shaped key for cleaning around pit covers prior to opening, which neatly screws back into the handle for storage.

F

**F) MILLS PIT COVER
ROLLER BAR**

Metal bar used to roll opened pit lids safely into a secure position.
Formerly S00-9030

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
S13-1633	A) KEY JOINT BOX 5M WITH MAGNETIC ARMS & CLEANING KEY	S13-4483	D) NO 5 PIT LIFTER UPGRADE KIT
S13-1634	B) MAGNETIC COUNTERBALANCE ARMS	S13-5027	E) MILLS REPLACEMENT CLEANING TOOL FOR NO 5 PIT LIFTER
S13-1796	C) QUICK CHANGE HOOK	S13-9030	F) MILLS PIT COVER ROLLER BAR

MILLS HYDRAULIC MANHOLE COVER 4C

A light and simple to use hydraulic manhole lifter, predominantly designed for use with popular covers found in the telecommunication industry

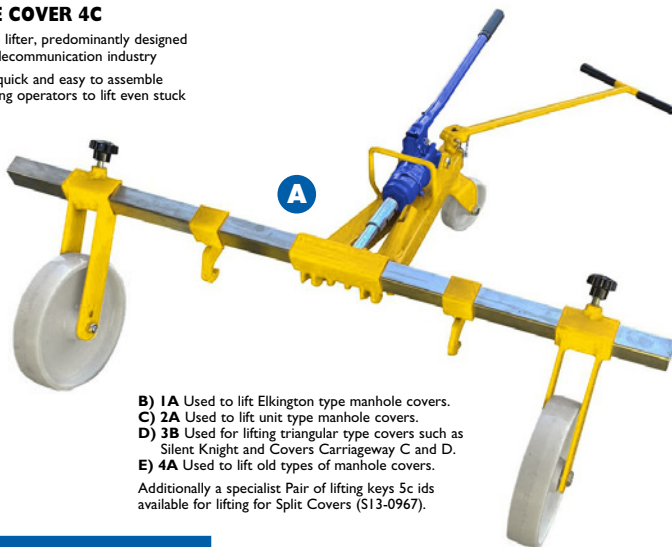
The Mills Hydraulic Manhole Cover 4C is quick and easy to assemble and has a safe working load of 800kg allowing operators to lift even stuck covers with minimal effort.

Lifting even the heaviest of man-hole covers is a simple one-man operation using these powerful hydraulic lifters.

The lifter is used by attaching the main beam to the manhole cover via the appropriate lifting key and operating the ram with a pump action. A release valve is incorporated to lower the cover back into position. The lifter comes complete with a ram operating handle, a lifter maneuvering handle and carrying handle, and is supplied complete with bars and a pair of each of the following keys.

Important Information:

- Always break seal before use
- One-man operated powerful hydraulics produce up to 800kg breakout force
- Note - Always use Gas Detector before lifting covers



- B) 1A** Used to lift Elkington type manhole covers.
C) 2A Used to lift unit type manhole covers.
D) 3B Used for lifting triangular type covers such as Silent Knight and Covers Carriageway C and D.
E) 4A Used to lift old types of manhole covers.

Additionally a specialist Pair of lifting keys 5c ids available for Split Covers (S13-0967).

PART NO. DESCRIPTION

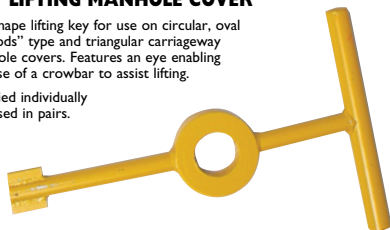
S83-0966	A) MILLS HYDRAULIC MANHOLE COVER 4C
S13-1260	B) PART 1A – REPLACEMENT PAIR OF LIFTING KEYS
S13-0970	C) PART 2A – REPLACEMENT PAIR OF LIFTING KEYS
S13-0969	D) PART 3B – REPLACEMENT PAIR OF LIFTING KEYS
S13-0968	E) PART 4A – REPLACEMENT PAIR OF LIFTING KEYS
S13-0967	F) PAIR OF LIFTING KEYS 5C. FOR SPLIT COVERS



KEY LIFTING MANHOLE COVER

“T” shape lifting key for use on circular, oval “Woods” type and triangular carriageway manhole covers. Features an eye enabling the use of a crowbar to assist lifting.

Supplied individually but used in pairs.



PART NO. DESCRIPTION

S13-3575	KEY LIFTING MANHOLE COVER
----------	---------------------------

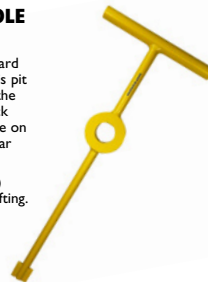
MILLS KEY LIFTING MANHOLE COVER EXTRA LONG

An extended length version of the standard S13-3575 Key Lifting Manhole Cover, this pit key is 65.5cm in overall length to assist the lifting process and reduce the risk of back injury. The “T” shape lifting key is for use on circular, oval “Woods” type and triangular carriageway manhole covers.

Features a 45mm eye (internal diameter) enabling the use of a crowbar to assist lifting.

Supplied individually but used in pairs.

Colour: Yellow.



PART NO. DESCRIPTION

S00-9214	MILLS KEY LIFTING MANHOLE COVER EXTRA LONG
----------	--

MILLS KEY INSERTION SAFETY SHIM KISS TOOL

A specialist tool for assisting the lifting of pit covers which have damaged insertion holes. The KISS tool is used in conjunction with S13-4276 Mills Key Joint Box No. 5 Pit Cover Lifter.



PART NO. DESCRIPTION

S83-4555	MILLS KEY INSERTION SAFETY SHIM KISS TOOL
----------	---

MILLS KEY CARRIAGEWAY 2A D PIT LIFTER

This D type pit lifter is for use on E type and square or rectangular covers.

Features an adjustable locking nut which bears against the frame to lift the cover.

Supplied individually, but used in pairs.

Dimensions:
260mm x 170mm.



PART NO. DESCRIPTION

S13-3001	MILLS KEY CARRIAGEWAY 2A D PIT LIFTER
----------	---------------------------------------

T HANDLE 20" MANHOLE KEY (PAIR)

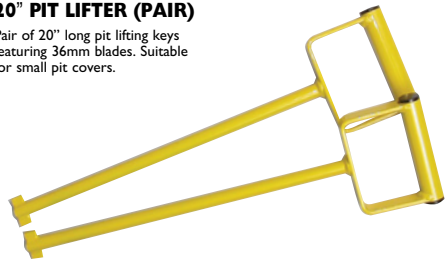
Light duty manhole key featuring a 22mm blade and a chisel point on the T handle for cleaning cover key holes and channels.

**PART NO. DESCRIPTION**

S13-0005 T HANDLE 20" MANHOLE KEY (PAIR)

20" PIT LIFTER (PAIR)

Pair of 20" long pit lifting keys featuring 36mm blades. Suitable for small pit covers.

**PART NO. DESCRIPTION**

S13-3000 20" PIT LIFTER (PAIR)

MILLS CLAMP 1A

The Clamp 1A is used on older cast iron PCP Cabinets to assist with the opening of the doors and prevent injury, should a hinge be broken.

The recognised procedure is to remove the top locking bolt and install the Clamp 1A.

This allows the engineers to loosen the bottom lock, whilst the tension is then held by the Clamp 1A.

Ref: 126425.

**PART NO. DESCRIPTION**

S83-0578 MILLS CLAMP 1A

MILLS CABLING IN PROGRESS 3 SIDED BOLLARD 500MM

The Mills three sided 'Cabling in Progress' bollard is an essential addition to assist the cabling engineer for both internal and external installations.

These bollards are 500mm in height, fully stackable, manufactured from 100% recycled PVC, with a heavy base for support in high winds.

Height: 500mm.

Width at base: 390mm.

**PART NO. DESCRIPTION**

S00-1627 MILLS CABLING IN PROGRESS 3 SIDED BOLLARD 500MM

A) CABLE TIE TENSIONER 5A (PLASTIC) 2.4 - 4.8

Lightweight and durable cable tie gun - squeeze trigger to tension, twist to cut. For nylon cable ties. 2.4 - 4.8 mm. Ref: 126820.

**A****B) CABLE TIE GUNS**

Cable tie gun with automatic cut-off in one simple pull of a trigger. Designed for use nylon cable ties with widths from 2.2 to 4.8mm and a thickness up to 1.6mm.

**B****PART NO. DESCRIPTION**

S83-0945 A) TENSIONER 5A (PLASTIC) 2.4 - 4.8

S57-3005 B) PROFESSIONAL CABLE TIE GUN

MILLS GROUND SHEET CARRIAGEWAY BOX

Hi-vis ground sheet tailored in size to be used with all popular 'JRC' and 'JUF' Carriageway Boxes.

The sheet measures 2.1m x 1.5m and is manufactured from hi visibility PVC backed Polyester offering a strong, dry and durable membrane for the operator as well as saving the need for numerous sheets along each side of a pit.

**PART NO. DESCRIPTION**

S83-6621 CARRIAGEWAY GROUND SHEET

STRAIGHT CABLE ROLLER GUIDE

A compact cable roller for use in narrow trenches and confined areas. The unit consists of a heavy duty frame and galvanised steel roller which tapers from 110mm to 75mm and has a width of 170mm.



The footprint of the stand is 300mm x 240mm x 250mm.

Weight: 4.1kg.

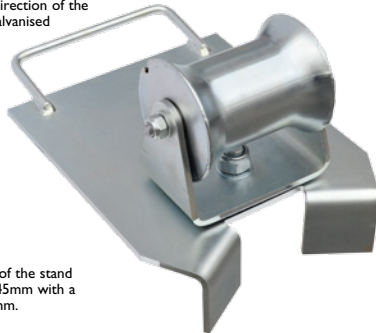
Dimensions: 300 x 240 x 250mm.

PART NO. DESCRIPTION

S03-6611 STRAIGHT CABLE ROLLER GUIDE

SWIVELLING EDGE ROLLER NO.1

A heavy duty cable roller designed to provide an even pull at the corner of the manhole allowing the roller to swivel in the direction of the pull. It has a galvanised steel roller which tapers from 107 to 79mm and has a width of 127mm.



The footprint of the stand is 300mm x 245mm with a height of 150mm.

Weight: 6kg.

PART NO. DESCRIPTION

S03-4754 SWIVELLING EDGE ROLLER NO.1

CORNER CABLE ROLLER GUIDE

A heavy duty cable roller for pulling the heaviest cables around difficult corners. The unit consists of a heavy duty frame with two vertical and one horizontal galvanised steel rollers which taper from 110mm to 75mm and have a width of 185mm.

The footprint of the stand is: 550mm x 340mm x 370mm.

Weight: 14kg.

Corner cable rolling guides can be linked together with stake pins provided to form a continuous corner roller system.

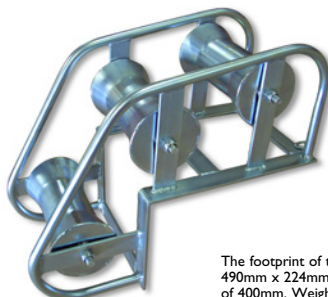
**PART NO. DESCRIPTION**

S03-6612 CORNER CABLE ROLLER GUIDE

CURVED MANHOLE LEAD CABLE GUIDE

A heavy duty cable roller for placing at the leading edge of the manhole or pit entrance.

The unit consists of three galvanised steel rollers which taper from 107mm to 79mm and have a width of 185mm.



The footprint of the stand is 490mm x 224mm with a height of 400mm. Weight: 9kg.

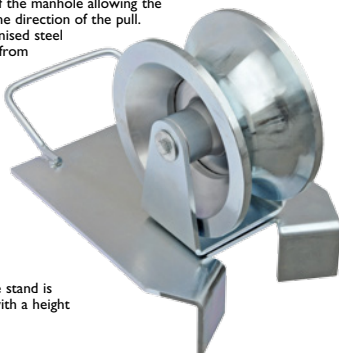
PART NO. DESCRIPTION

S03-4755 CURVED MANHOLE LEAD CABLE GUIDE

SWIVELLING EDGE ROLLER NO.2

A heavy duty cable roller designed to provide an even pull at the corner of the manhole allowing the roller to swivel in the direction of the pull.

The unit has a galvanised steel roller which tapers from 130 to 90mm and has a width of 75mm.



The footprint of the stand is 300mm x 220mm with a height of 245mm.

Weight: 6kg.

PART NO. DESCRIPTION

S03-4753 SWIVELLING EDGE ROLLER NO.2

A) MILLS FIBRE OPTIC CABLE PULLING LUBRICANT 20L

Water-based, thin semi-gel, cable installation lubricant for fibre cable pulling operations.

Ideal for pulling both fibre optic cables and sub-ducts, eliminating up to 80% friction from the process.

Application by either sponge or a cable lubricating pump (S83-2667).

Contents: 20 Litre.



A

B) PUMP LUBRICANT 2A

Pump used for applying cable lubricants.

Fits standard 20 litre drum. Supplied with 5m clear, plastic hose.

Ref: 127388.



B

PART NO. DESCRIPTION

S27-1959 A) MILLS FIBRE CABLE PULLING LUBRICANT 20 LITRE

S83-0709 B) PUMP LUBRICANT 2A



PIA Products



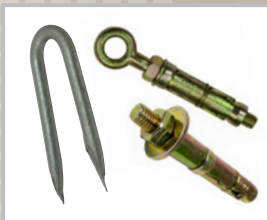
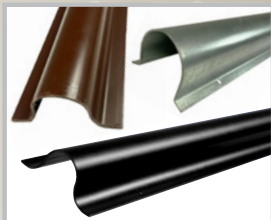
Mobra Brackets

CBT Brackets

Cappings and Covers

Pole Fittings and Signage

Fixtures, Fittings and Consumables



STEP POLE NO.1

Pole step for use on wooden poles only.

Ref: 015550.

**PART NO. DESCRIPTION**

S83-2996 STEP POLE NO.1

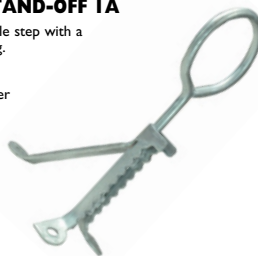
RING POLEHEAD STAND-OFF 1A

A bolt on galvanised steel pole step with a welded 100mm diameter ring.

Used to attach a maximum of five dropwires on joint user poles when a Stand-off 1A dropwire needs to be terminated.

The Stand-off enables DNO staff to safely climb past BT/Openreach plant.

Ref: 016288.

**PART NO. DESCRIPTION**

S83-2842 RING POLEHEAD STAND-OFF 1A

SCREW COACH 3" (PK 200)

Galvanised 3 x 3/8in coach screw for attaching pole furniture to wooden poles. Supplied in a box of 200. Formerly S83-0850. Ref: 014700.

**PART NO. DESCRIPTION**

S83-0654 SCREW COACH 3" (PK 200)

RING POLEHEAD DROPWIRE

Galvanised 240mm steel ring with 16mm diameter bolt for distribution of cables from the top poles. For use with Cable Dropwire, acts as a support for Clamps Dropwire.

Ref: 021240.

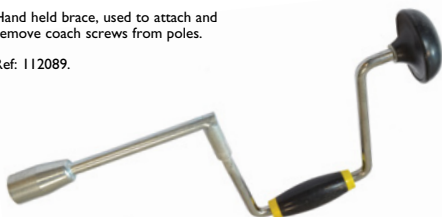
**PART NO. DESCRIPTION**

S83-2841 RING POLEHEAD DROPWIRE

BRACE COACH SCREW

Hand held brace, used to attach and remove coach screws from poles.

Ref: 112089.

**PART NO. DESCRIPTION**

S83-1636 BRACE COACH SCREW

HALO RING

A replacement larger pole ring to be used mainly on congested poles as an alternative to the standard S83-2841 pole ring.

This larger type 15 crown ring is used for network rearrangements and the addition of new fibre enclosures when there are capacity issues with the upper pole envelope. Diameter: 501mm.

**PART NO. DESCRIPTION**

S83-1707 HALO RING

SOCKET AND ADAPTORS COACH SCREW

An impact grade 5/8 AF Socket with 1/2" drive for tightening and loosening coach screws (S83-0642) when used with a power tool and in conjunction with either the 1/4" (G70-1769) or SDS (G70-1770) adaptors.

A) 5/8 Inch Square Socket for Coach Screws 1/2 Inch Drive
5/8" square socket used to attach and remove coach screws from poles.

B) 1/4 Inch Hex to 1/2 Inch Square Drive Adaptor
Fits 1/2-inch square drive sockets and is suitable for drills with standard 3 jaw chucks.

C) SDS Plus to 1/2 Inch Square Drive Socket Adaptor
Fits 1/2-inch square drive sockets and is suitable for rotary hammers with SDS plus shank systems.

**PART NO. DESCRIPTION**

G70-1768 A) 5/8 INCH SQUARE SOCKET FOR COACH SCREWS 1/2 INCH DRIVE

G70-1769 B) 1/4 INCH HEX TO 1/2 INCH SQUARE DRIVE ADAPTOR

G70-1770 C) SDS PLUS TO 1/2 INCH SQUARE DRIVE SOCKET ADAPTOR

WASHERS GALVANISED 16,17,18**A) Washer Galvanised 16**

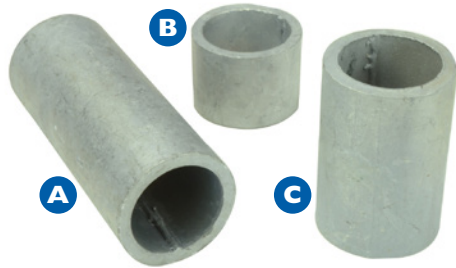
Galvanised steel tubular washer 65mm long and 27mm in diameter for use with Bolts Hex Head to secure Universal Pole Brackets or UPBs to poles where the bolt is too long. Box of 50. Ref: 016161.

B) Washer Galvanised 17

Galvanised steel tubular washer for use with Bolts Hex Head to secure UPBs to poles where the bolt is too long. Dimensions: 20mm long and 27mm diameter. Box of 200. Ref: 016162.

C) Washer Galvanised 18

Galvanised steel tubular washer 40mm long and 27mm diameter for use with Bolts Hex Head to secure UPB's to poles where the bolt is too long. Box of 200. Ref: 016163.

**PART NO. DESCRIPTION**

S83-1766	A) WASHER GALVANISED 16 - BOX OF 50
S83-2865	B) WASHER GALVANISED 17 - BOX OF 200
S83-2866	C) WASHER GALVANISED 18 - BOX OF 200

WASHER GALVANISED 4

50mm diameter x 3mm thick with an 18mm hole and used on Bolt Arm.

Supplied in a box of 100.

Ref: 016152.

**PART NO. DESCRIPTION**

S83-2868	WASHER GALVANISED 4 (BOX OF 100)
----------	----------------------------------

WASHER GALVANISED 19

Galvanised steel flat washer 20mm in diameter with a 7mm hole in the centre. 1.6mm in thickness

Used with Nail Bonding and Strip Aluminium to secure cables to wooden poles.

Supplied in a 3kg box containing approximately 770 washers.

Ref: 073202.

**PART NO. DESCRIPTION**

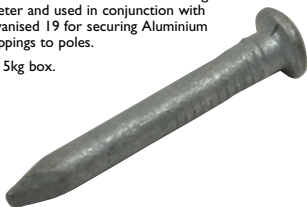
S83-3163	WASHER GALVANISED 19 (3KG)
----------	----------------------------

NAIL BONDING

Galvanised steel round headed nail 45mm long x 5mm diameter and used in conjunction with Washer Galvanised 19 for securing Aluminium Strip and Cappings to poles.

Supplied in a 5kg box.

Ref: 072034.

**PART NO. DESCRIPTION**

S83-2672	NAIL BONDING
----------	--------------

PLUGS CREOSOTED

A packet of 100 creosoted plugs 10mm x 50mm (3/8" x 2"). These products are used to plug old fixing holes or test holes created following testing using a Mattson borer. To prevent decay to the pole the specification LN435 states "All holes from cores taken for testing must be plugged with creosote treated plugs, which are an interference fit into any holes made."

Ref: 016266.

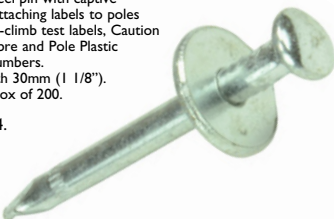
**PART NO. DESCRIPTION**

S83-0944	PLUGS CREOSOTED
----------	-----------------

PIN STEEL NO.2 PK200

Hardened steel pin with captive washer for attaching labels to poles including pre-climb test labels, Caution Overhead Fibre and Pole Plastic Letters & Numbers. Overall length 30mm (1 1/8"). Supplied in box of 200.

Ref: 070864.

**PART NO. DESCRIPTION**

S83-1746	PIN STEEL NO.2 PK200
----------	----------------------

STRIPS ALUMINIUM

16mm wide aluminium strips used to secure cables running vertically on poles and available in 3 lengths (80mm, 120mm and 160mm) to accommodate most sizes and multiples of cables. Regulations specify cables must be fixed at a minimum of 450mm intervals and must not impede access to the climbing steps.

Supplied in pack of 25.

S83-0902 Ref: 015708.

S83-0856 Ref: 076077.

S83-0903 Ref: 076078.

**PART NO. DESCRIPTION**

S83-0903	80MM STRIP ALUMINIUM (PK25)
S83-0902	120MM STRIP ALUMINIUM (PK25)
S83-0856	160MM STRIP ALUMINIUM (PK25)

MALICOIL FIBRE COILING BRACKET

Manages the coiling and bend radius of aerial optical fibre.

Available in 3 sizes.

A) Malicoil S- Coiling Diameter: Min 270mm / Max 400mm

B) Malicoil M- Coiling Diameter: Min 400mm / Max 600mm

C) Malicoil L- Coiling Diameter: Min 550mm / Max 960mm



PART NO. DESCRIPTION

S00-1601	A) MALICOIL S - COILING DIA: MIN 270MM / MAX 400MM
S00-1970	B) MALICOIL M - COILING DIA: MIN 400MM / MAX 600MM
S00-1969	C) MALICOIL L - COILING DIA: MIN 550MM / MAX 960MM

BARREL CLAMPS

A) Automatic stay wire wedge clamp for operating stay wire installations. For diameters: 6.1 - 6.6mm.

B) For the simple and fast dead-ending of figure-8 cables with steel messengers, comprising a conical body, a pair of wedges, a lanyard and a stainless steel bail.

S83-1880 Ref: 016980.

S83-1881 Ref: 016973.

S83-1882 Ref: 016974.



PART NO. DESCRIPTION

S83-1880	A) BARREL CLAMP TERMINATING STAY WIRE SWC63
S83-1881	B) BARREL CLAMP SINGLE STRAND BARE WIRE 2.5MM BWC25
S83-1882	B) BARREL CLAMP MULTI STRAND BARE WIRE 4.7MM BWC47

BRACKET 22

A dropwire fixing consisting of a galvanised steel triangular bracket with three fixing holes and a welded loop. Designed to attach a dropwire clamp at end users' premises or on a multi pole route where no pole ring exists.

Suitable for use with 36f ULVC, BIRLA, CDC, HFCL and Dropwire 10A.

Ref: 011114.



PART NO. DESCRIPTION

S83-2723	BRACKET 22
----------	------------

BRACKET 32

A dropwire fixing consisting of a galvanised steel "J" shaped Bracket with a welded loop and a plate with four holes at the other end. Designed to attach a dropwire clamp to timber or brickwork at end users' premises where additional height clearance is required e.g. a Bungalow.

Ref: 016264.



PART NO. DESCRIPTION

S83-2724	BRACKET 32
----------	------------

HOOK AERIAL CABLE 1A

Used on wooden poles to support suspension and aerial cable relief clamps.

Ref: 016990.



PART NO. DESCRIPTION

S83-1681	HOOK AERIAL CABLE 1A
----------	----------------------

WALL PLATE 5A WITH THIMBLE

Galvanised steel wall plate for attachment of lightweight cables and wires.

Dimensions: 150mm x 100mm

Ref: 018388.



PART NO. DESCRIPTION

S83-9215	WALL PLATE 5A WITH THIMBLE 150MM X 100MM
----------	--

BRACKET 44

A dropwire fixing consisting of a galvanised steel "L" shaped Bracket with a welded loop at one end and a plate with two holes at the other end.

Designed to attach a dropwire clamp to brickwork at end users' premises where further additional height clearances are required.

On brickwork (without rendering or cladding) this Bracket is designed to be secured with 2 x Bolt Expanding 2A.

Maximum span length is 68 metres.

Dimensions: 420 x 210mm (Wall Plate: 150 x 100mm).

Ref: 009561.



PART NO. DESCRIPTION

S83-1060	BRACKET 44
----------	------------

BRACKET 51

On brickwork (without rendering or cladding) this Bracket is designed to be secured with 2 x Bolt Expanding 2A

The Bracket 51 is attached to the wall by the same drilling method as the Bracket 44 but, as it stands out further from the wall is considerably taller.

Dimensions: 600 x 350mm (Wall Plate: 150 x 100mm).

Maximum span length is 68 metres.

Ref: 060795.



PART NO. DESCRIPTION

S83-1064	BRACKET 51
----------	------------

CAPPING STEEL NO.1

A galvanised steel channel section 2400mm long x 76mm wide pre-drilled for fixing. Used on wooden poles for protected cable space up to 19mm in diameter.

Ref: 070320.



PART NO.	DESCRIPTION
S83-2735	CAPPING STEEL NO. 1

CONNECTOR BEND NO. 1

Connector Bend No. 1 or Elephant's Foot capping adaptor for use at distribution points for connecting 90mm ducts to 19mm capacity Capping Steel No. 1.

Ref: 090951.



PART NO.	DESCRIPTION
S83-2758	CONNECTOR BEND NO. 1

CAPPING STEEL NO.4

A galvanised steel channel section 2400mm long x 54mm wide, pre-drilled for fixing. Used on wooden poles for protected cable space up to 51mm in diameter.

Ref: 070323.



PART NO.	DESCRIPTION
S83-2736	CAPPING STEEL NO. 4

POLE DEPTH TUBE (DIP STICK)

Round rigid super high impact heavy gauge black 20mm PVC conduit.

Can be used to ensure and test that a pole has been installed to the required minimum depth appropriate for the specific pole.

The conduit is installed parallel to the pole and should be secured using S83-1967 50mm galvanised staples.

The conduit should also be capped using S83-3550 20mm pole depth tube cap.



PART NO.	DESCRIPTION
V01-1153	POLE DEPTH TUBE (DIP STICK)

CAPPING STEEL NO.5

A galvanised steel channel section 2400mm long x 80mm wide, pre-drilled for fixing. Used on wooden poles for protected cable space up to 76mm in diameter.

Ref: 070324.



PART NO.	DESCRIPTION
S83-2737	CAPPING STEEL NO. 5

GALVANISED STAPLES 65MM 5KG TUB

Specialist galvanised staples for securing pole depth tubes (dip sticks) to poles. The staples are 6mm in diameter, 65mm in depth and supplied in a 5kg tub (Approx 190 pieces).



PART NO.	DESCRIPTION
S83-1967	GALVANISED STAPLES 65MM 5KG TUB

CAPPING STEEL NO.8

A galvanised steel channel section 610mm x 100mm wide. Used on wooden poles for protecting cable space up to 89mm in diameter.

Ref: 001627.



PART NO.	DESCRIPTION
S83-1753	CAPPING STEEL NO. 8

POLE DEPTH TUBE CAP 20MM PK100

LDPE 20mm push fit cap for sealing pole depth tubes (dip sticks) to prevent water ingress. Supplied in a pack of 100.



PART NO.	DESCRIPTION
S83-3550	POLE DEPTH TUBE CAP 20MM PK100

COVER 101A

Cable entry cover for running service cabling into a house or premises. For use with Capping 25 and Connector Bend No. 4.

Dimensions: 105mm x 78mm x 28mm.

Ref: 071987.



Available
in GREY,
BROWN &
WHITE.

PART NO.	DESCRIPTION
S83-1775	A) COVER 101A - GREY
S83-4748	B) COVER 101A - BROWN
S83-1970	C) COVER 101A - WHITE

CAPPING 25

PVC Capping to protect service cabling between Connector Bend No 4 and Cover 101A.

Length 500mm.

Ref: 072180.



Available
in GREY,
BROWN &
WHITE.

PART NO.	DESCRIPTION
S83-1779	A) CAPPING 25 - GREY
S83-4749	B) CAPPING 25 - BROWN
S83-1973	C) CAPPING 25A - WHITE

CONNECTOR BEND NO. 4

Connects Duct 102 or Duct 56 to cover 101A on Housing Estates.

Ref: 095056.



Available
in GREY,
BROWN &
WHITE.

PART NO.	DESCRIPTION
S83-2759	A) CONNECTOR BEND NO. 4 - GREY
S83-4907	B) CONNECTOR BEND NO. 4 - BROWN
S83-1979	C) CONNECTOR BEND NO. 4 - WHITE

CABLE ENTRY COVERS

Exterior wall cover for protecting cable entry on external walls. Helps to prevent water ingress especially when drilling has caused the brick to burst. 100mm x 100mm square. Available in Black, White, Stone and Brown.

Fixed to walls with silicone adhesive or Gripfill.



PART NO.	DESCRIPTION
Q69-1686	A) CABLE ENTRY COVER BLACK
Q69-1687	B) CABLE ENTRY COVER WHITE
Q69-1688	C) CABLE ENTRY COVER STONE
Q69-4088	D) CABLE ENTRY COVER BROWN

CUSTOMER LEAD IN & COVERS AND CONDUIT**A) INTERNAL CUSTOMER LEAD IN & COVER (WHITE)**

Used to cover, control and protect fibre optic cable where it emerges inside the premises. Typically used where the customer box is either outside the premises or not directly opposite where the cable comes through the wall from outside.

Comprising: 1 x CLI and 1 x Internal Cover White. Ref 061825.

B) EXTERNAL CUSTOMER LEAD IN & COVER (GREY)

Used to cover, control and protect fibre optic cable where it emerges outside the premises. Typically used where the customer box is either outside the premises or not directly opposite where the cable comes through the wall from outside.

Comprising: 1 x CLI and 1 x External Cover Grey.

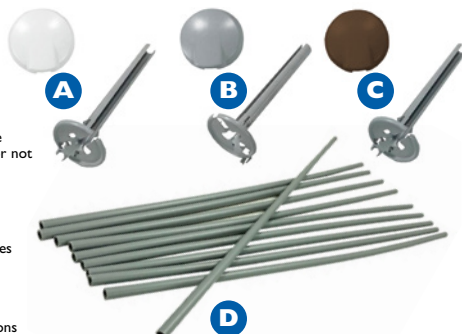
C) EXTERNAL CUSTOMER LEAD IN & COVER (BROWN)

Used to cover, control and protect fibre optic cable where it emerges outside the premises. Typically used where the customer box is either outside the premises or not directly opposite where the cable comes through the wall from outside.

Comprising: 1 x CLI and 1 x External Cover Brown.

D) CUSTOMER LEAD IN CONDUIT 500MM THICK WALL PK10

Used with Internal and External kits (S83-4330, S83-4329 and S83-5084) in situations where the wall is thicker than 300mm. Supplied in a pack of 10. Ref 061827.



PART NO.	DESCRIPTION
S83-4330	A) INTERNAL CUSTOMER LEAD-IN KIT - WHITE
S83-4329	B) EXTERNAL CUSTOMER LEAD IN KIT - GREY
S83-5084	C) EXTERNAL CUSTOMER LEAD IN KIT - BROWN
S83-4526	D) CUSTOMER LEAD IN CONDUIT 500MM THICK WALL PK10
S83-4529	D) CUSTOMER LEAD IN CONDUIT 300MM THICK WALL PK10

BLOWN FIBRE EXTERNAL CLI BASE & COVER MINI

External cable entry cover with a 30mm bend radius to allow blowing of the fibre after installation. It is for use when a gas block is not required at the customer entry point. It can be used with cable sizes up to 6mm and can be used in conjunction with: S83-1786 D Tube External Capping.

Comprising:
1 x External CLI Cover Mini
1 x External CLI Base Mini
2 x screws.

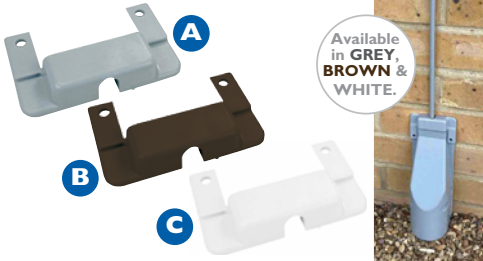


PART NO. DESCRIPTION

S83-1777	A) EXTERNAL CLI BASE & COVER MINI - GREY
S83-4909	B) EXTERNAL CLI BASE & COVER MINI - BROWN
S83-1985	C) EXTERNAL CLI BASE & COVER MINI - WHITE

BLOWN FIBRE EXTERNAL CLI CONNECTOR BEND ADAPTOR

FBT0900 - Blown Fibre External CLI Connector Bend Adaptor. Adaptor used to connect S83-1786 D Tube External Capping with S83-2759 Connector Bend No.4.



PART NO. DESCRIPTION

S83-1781	A) EXTERNAL CLI CONNECTOR BEND ADAPTOR - GREY
S83-4990	B) EXTERNAL CLI CONNECTOR BEND ADAPTOR - BROWN
S83-1991	C) EXTERNAL CLI CONNECTOR BEND ADAPTOR - WHITE

D TUBE EXTERNAL CAPPING

D Tube External Capping connects with S83-1777 Blown Fibre External CLI Base & Cover Mini and S83-1781 Blown Fibre External CLI Connector Bend Adaptor.

Length: 500mm.



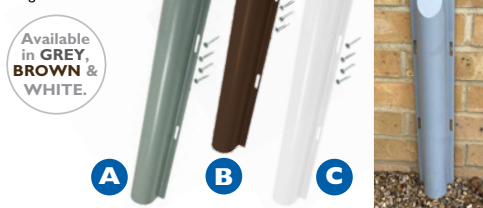
PART NO. DESCRIPTION

S83-1786	A) D TUBE EXTERNAL CAPPING - GREY
S83-4609	B) D TUBE EXTERNAL CAPPING - BROWN
S83-1969	C) D TUBE EXTERNAL CAPPING - WHITE

NEW SITE CAPPING

Capping to protect service cabling between New Site Connector Bend and either Cover 101A, Blown Fibre External or Hybrid Drop Splice Box.

Length 500mm.



PART NO. DESCRIPTION

S83-1783	A) NEW SITE CAPPING - GREY
S83-4903	B) NEW SITE CAPPING - BROWN
S83-1976	C) NEW SITE CAPPING - WHITE

BLOWN FIBRE EXTERNAL CUSTOMER LEAD IN

Comprising:
1 x External CLI Cover
1 x External CLI Base
4 x screws

Ref: 061826.



PART NO. DESCRIPTION

S83-1778	A) EXTERNAL CUSTOMER LEAD IN - GREY
S83-4910	B) EXTERNAL CUSTOMER LEAD IN - BROWN
S83-1988	C) EXTERNAL CUSTOMER LEAD IN - WHITE

NEW SITE CONNECTOR BEND

For use outside the premises where cables emerge from under ground and can be used to connect with Duct 102 or Duct 56 and S83-1783.

Ref: 101557.



PART NO. DESCRIPTION

S83-1782	A) NEW SITE CONNECTOR BEND - GREY
S83-4908	B) NEW SITE CONNECTOR BEND - BROWN
S83-1982	C) NEW SITE CONNECTOR BEND - WHITE

RIGID CABLE PROTECTING GUARDS

- Available in 4 different sizes
- Pre-punched to aid installation
- Manufactured from high-impact PVC, for extra protection
- Supplied in 2.4m lengths
- Supplied in black.

V01-4058: (also known as capping 26)
Black PVC channel section 2440mm long x 51mm wide.

Used on walls and wooden poles for protected cable space up to 40mm in diameter.

Ref 072903.

V01-4056: (also known as capping 22)
Black PVC channel section 2440mm long x 51mm wide.

Used on walls and wooden poles for protected cable space up to 19mm in diameter.

Ref: 070316.

PART NO.	DESCRIPTION
V01-4056	19MM RIGID CABLE PROTECTOR 3M (CAPPING 22)
V01-4057	25MM RIGID CABLE PROTECTOR 3M
V01-4058	40MM RIGID CABLE PROTECTOR 3M (CAPPING 26)
V01-4059	55MM RIGID CABLE PROTECTOR 3M

A) BROWN RISER GUARD 2.4M PK10

Brown Riser Guard with pre-drilled holes for concealing cables up to a diameter of 25mm, used in conjunction with S83-5091 dual connector bend capping.

Manufactured from high impact uPVC.

Length 2.4m.

Supplied in packs of 10.

B) BROWN DOLLY CABLE ENTRY

A dual connector bend capping to be used in conjunction with brown riser guard (S83-5090) and moulded so to provide a capping footer as well as a cover for the cable lead-in.

Supplied individually.

PART NO.	DESCRIPTION
S83-5090	A) BROWN RISER GUARD 2.4M PK10
S83-5091	B) BROWN DOLLY CABLE ENTRY

FIBRE DROP CABLE CLEATS PK100

Specialist cable cleats for CommScope Easy Access and Corning ROC Drop Cable.

Supplied in black.

Pack of 100.

Ref: 080809.

PART NO.	DESCRIPTION
R02-2587	FIBRE DROP CABLE CLEATS PK100

CABLE CLEATS FOR HYBRID CABLE COF 820 PK 100

Specialist Cable Cleats for Hybrid Cable COF 820.

Supplied in black.

Pack of 100

Ref 080809.

PART NO.	DESCRIPTION
R02-4312	CABLE CLEATS FOR HYBRID CABLE COF 820 PK 100

EXTERNAL FIBRE LOCKING MECHANISM FOR ULTRA-LIGHTWEIGHT OVERHEAD CABLES

The Fibre Locking Mechanism also known as an ELM, is a locking mechanism essential for 'loose' jacketed element or elements in an overhead cable.

The FLM provides an effective solution that isolates the termination of the fibres, either spliced or connectorised, in the fibre enclosure from the 'in span' environmental loading (ice and wind).

Ref: 066611.

A) EYEBOLT EXPANDING 1A

A dropwire fixing consisting of a Zinc plated steel eyebolt with an M6 thread. This is the preferred method of attaching a dropwire to brickwork at end users' premises. Overhead single point fixing bolt. Ring size 12mm. Required hole size 12mm x 50mm. Box 20. Ref: 016445.

**B) EYEBOLT EXPANDING 2A**

A dropwire fixing consisting of a Zinc plated steel eyebolt with an M10 thread. This is the preferred method of attaching a dropwire to the end users' premises, where the walls are rendered. Ring size: 14mm. Required Hole size: 16mm diameter x 95mm depth. Box 20. Ref: 016442 / 021689 / 023041.

**C) M8 EYEBOLT**

Eyebolt M8 x 95mm for use with Catenary Wire Kits (R02-7028) and associated accessories.

Provides temporary or permanent anchorage in stone, concrete or brickwork. Supplied with shield, washer and hex nut.

**D) EYEBOLT EXPANDING 2B**

A dropwire fixing consisting of a Zinc plated steel eyebolt with an M10 thread and a length of 205mm. This is the preferred method of attaching a dropwire to the end users' premises, where the walls are clad. Ring size 23mm ID with 40mm OD.

**E) EYEBOLT EXPANDING 2C**

A dropwire fixing consisting of a Zinc plated steel eyebolt with an M10 thread and a length of 255mm. This is the preferred method of attaching a dropwire to the end users' premises, where the walls are heavily clad. Ring size 23mm ID with 40mm OD.

**PART NO. DESCRIPTION**

S83-1853	A) EYEBOLT EXPANDING 1A PKT 20
S83-0901	B) EYEBOLT EXPANDING 2A PKT 20
R02-7024	C) M8 EYEBOLT (SINGLE)

PART NO. DESCRIPTION

S83-2626	D) EYEBOLT EXPANDING 2B (SINGLE)
S83-2628	E) EYEBOLT EXPANDING 2C (SINGLE)

A) BOLT EXPANDING 1A

Zinc plated steel stud with an M10 thread. Used in joint boxes and manholes to fix Cable Bearers (S83-3203-S83-3208) and Steps Manhole No.2 (S83-3217). Size M10 x overall Length 85mm. Designed for use in an 12mm diameter hole. Supplied in a pack of 20 Ref: 071906.

**B) BOLT EXPANDING 2A**

M10 x 90mm (Overall Length 105mm) expansion bolt with a 30mm diameter washer requiring a 16mm hole to be drilled into concrete or brickwork - supplied in boxes of 25. Ref: 021689.

**C) STUD EXPANDING 1A**

Zinc plated steel stud with an M6 thread (similar to Eyebolt Expanding 1A).

Used when securing S83-2724 Bracket 32 and S83-9215 Wall Plate 5A to brickwork. Designed for use in an 8mm diameter hole. Ref: 016303.

**PART NO. DESCRIPTION**

S83-2869	A) BOLT EXPANDING 1A PKT 20
S83-1773	B) BOLT EXPANDING 2A BOX OF 25
S83-1854	C) STUD EXPANDING 1A PKT 20

CRANKED COMBINATION SPANNERS

Combination Spanners - cranked at 20 degrees to prevent knuckles from rubbing on brickwork and general masonry.

A) 10mm combination spanner for installing Bolt Expanding 1a, Eyebolt Expanding 1a and other 10mm hexagon headed fixings.

Ref: 127468

B) 17mm combination spanner for installing Bolt Expanding 2a, Eyebolt Expanding 2a and other 17mm hexagon headed fixings.

Ref: 129393/141751.

**PART NO. DESCRIPTION**

H72-1771	A) 10MM COMBINATION SPANNER
H72-1772	B) 17MM COMBINATION SPANNER

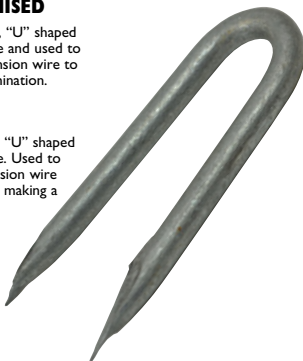
STAPLES GALVANISED

A) Galvanised steel staple, "U" shaped approximately 40mm wide and used to retain single strand suspension wire to poles when making a termination.

Ref: 16270.

B) Galvanised steel staple, "U" shaped approximately 50mm wide. Used to retain multi strand suspension wire and CAC's to poles when making a termination.

Ref: 016271.

**PART NO. DESCRIPTION**

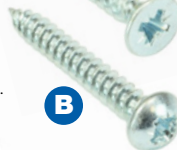
S83-2857	A) 40MM STAPLE PK 1KG
S83-2858	B) 50MM STAPLE PK 1KG

A) COUNTERSUNK POLE FIXING SCREW

Pozidrive zinc plated countersunk wood screw with twin thread profile for fast installation. Supplied in boxes of 200.

**B) PANHEAD POLE FIXING SCREW**

Pozidrive zinc plated panhead wood screw with twin thread profile for fast installation. Supplied in boxes of 200.

**PART NO. DESCRIPTION**

S83-0859	A) NO.12 X 1" COUNTERSUNK POZIWOOD SCREW PK 200
S83-2927	A) NO.12 X 1.1/2" COUNTERSUNK POZIWOOD SCREW PK 200
S83-2928	A) NO.12 X 2" COUNTERSUNK POZIWOOD SCREW PK 200
R02-1662	A) NO.12 X 2.1/2" COUNTERSUNK POZIWOOD SCREW PK 200
S83-1823	A) NO.12 X 3" COUNTERSUNK POZIWOOD SCREW PK 200
R07-1747	B) NO.12 X 1" PANHEAD POZIWOOD SCREW PK 200
R07-1748	B) NO.12 X 1.1/2" PANHEAD POZIWOOD SCREW PK 200
R07-1749	B) NO.12 X 2" PANHEAD POZIWOOD SCREW PK 200

CAUTION OVERHEAD FIBRE LABEL PACK OF 10

FDC Identification label stating CAUTION OVERHEAD FIBRE should be fixed to wooden poles above the Pole Test Label or at eye level.

Attached to the pole using S83-0857 Pins Steel No.2 7/8 inch (not included).

Size: 70 x 70mm.

Ref: 046116



PART NO. DESCRIPTION

S83-0634 CAUTION OVERHEAD FIBRE LABEL PACK OF 10

DEFECTIVE POLE LABEL A1024 LILAC PACK OF 10

The Mills A1024 label is used to identify and record defective poles. Four holes allow the label to be easily affixed to the pole using Pin Steel No 2. Supplied in packs of 10. Also available in yellow C00-1787.



PART NO. DESCRIPTION

S83-1915 DEFECTIVE POLE LABEL A1024 LILAC PACK OF 10

CAUTION OVERHEAD FIBRE SELF ADHESIVE LABELS PACK OF 10

FDC Identification label stating CAUTION OVERHEAD FIBRE should be fixed to fibreglass or composite hollow poles above the Pole Test Label or at eye level.

Size: 70 x 70 mm

Supplied in a pack of 10 labels.



PART NO. DESCRIPTION

S83-4640 CAUTION OVERHEAD FIBRE SELF ADHESIVE LABELS PACK OF 10

PRE-CLIMB CHECK LABEL FOR POLES

White tear-proof label affixed to the pole, using Pin Steel No 2 (S83-0857) to mark pre-climb inspection check.

Size: 125 x 25mm.

Supplied in packets of 50.

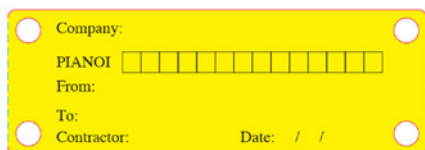


PART NO. DESCRIPTION

S83-1755 PRE-CLIMB POLE INSPECTION CHECK LABEL - PK 50

CABLING LABEL

For identification of newly provided cables. All pre-printed fields need to be completed with a Pen Marker No 1 (S83-0948). The yellow 100mm x 35mm labels are supplied in reels of 250 and have 4 x 6mm pre-cut holes in each corner for affixing into position using cable ties.



PART NO. DESCRIPTION

C71-0625 CABLING LABEL (REEL OF 250)

SHARPIE PERMANENT MARKER

A) Quick drying permanent marker pens.
Suitable for most surfaces and ideal for cable labelling.

B) Retractable
Standard tip in black.
No cap to remove or lose.



PART NO. DESCRIPTION

C71-9820 A) TWIN TIP FINE & ULTRA FINE X12 BLACK
C71-9826 B) RETRACTABLE FINE TIP X12 BLACK

PERMANENT MARKER PENS IN BLACK, GOLD AND WHITE



A) PEN MARKER NO.1

Permanent waterproof black marker pen for most surfaces with 0.6mm fine nib thickness providing smudge proof and waterproof qualities on almost all surfaces. Low odour ink and can be left uncapped for days without drying up. Ref: 129408.

B) PEN MARKER NO.2

Permanent waterproof gold marker pen for most surfaces with 1.2mm fine nib thickness providing smudge proof and waterproof qualities on almost all surfaces. Low odour ink and can be left uncapped for days without drying up. Ref: 129392.

C) WHITE PAINT MARKER 2.5MM TIP

Premium quality oil-based white paint marker pen can be used on almost any surface. Oil-based pigment premium ink, non-toxic conforms to ASTM D4236 EN71-3, lightfast and water resistant.

PART NO. DESCRIPTION

S83-0948 A) PEN MARKER NO.1
S83-0960 B) PEN MARKER NO 2
S83-0381 C) WHITE PAINT MARKER 2.5MM TIP

DP POLE LETTERS AND NUMBERS

A selection of popular letters and numbers for pole identification. Black lettering or numbering on a 40mm plastic disc with two pre-drilled holes. The discs can be affixed to the pole using Pin Steel No 2 (S83-0857).

Packs of 100.



PART NO.	REF	DESCRIPTION
S83-2810	000463	LETTER POLE PLASTIC A (PKT 50)
S83-2811	000464	LETTER POLE PLASTIC B (PKT 50)
S83-2812	000465	LETTER POLE PLASTIC C (PKT 50)
S83-2813	000466	LETTER POLE PLASTIC D (PKT 50)
S83-2814	000467	LETTER POLE PLASTIC E (PKT 50)
S83-2815	000468	LETTER POLE PLASTIC J (PKT 50)
S83-2816	000469	LETTER POLE PLASTIC L (PKT 50)
S83-2817	000470	LETTER POLE PLASTIC M (PKT 50)
S83-1810	025777	LETTER POLE PLASTIC N (PKT 50)
S83-1809	000479	LETTER POLE PLASTIC P (PKT 50)
S83-2818	000460	LETTER POLE PLASTIC S (PKT 50)
S83-2819	000462	LETTER POLE PLASTIC T (PKT 50)
S83-1811	025778	LETTER POLE PLASTIC W (PKT 50)
S83-2999	000470	NUMBER POLE PLASTIC 0 (PKT 50)
S83-2824	000471	NUMBER POLE PLASTIC 1 (PKT 50)
S83-2825	000472	NUMBER POLE PLASTIC 2 (PKT 50)
S83-2826	000473	NUMBER POLE PLASTIC 3 (PKT 50)
S83-2827	000474	NUMBER POLE PLASTIC 4 (PKT 50)
S83-2828	000475	NUMBER POLE PLASTIC 5 (PKT 50)
S83-2829	000476	NUMBER POLE PLASTIC 6 (PKT 50)
S83-2830	000477	NUMBER POLE PLASTIC 7 (PKT 50)
S83-2831	000478	NUMBER POLE PLASTIC 8 (PKT 50)
S83-2832	000479	NUMBER POLE PLASTIC 9 (PKT 50)

H (HAZARD PLATE) ORANGE LABEL PKT 10

The pole is within 1 metre of a defined hazard (spiked railings etc)-MEWP access only, but full range of engineering activities are permitted.



PART NO.	DESCRIPTION
S83-0379	H (HAZARD PLATE) ORANGE LABEL PKT 10

D (DEFECTIVE) RED PLATE LABEL PKT 10

The pole is "defective" or "unsatisfactory" - the pole should not be climbed.



PART NO.	DESCRIPTION
S83-0376	D (DEFECTIVE) RED PLATE LABEL PKT 10

SD (SHALLOW DEPTH) RED PLATE LABEL PKT 10

The pole is planted at a shallow depth and not currently prioritised for renewal. Such poles must not be climbed, but can be worked on from a MEWP. Work permitted includes renewal of existing drop wires and attachment of new drop wires, but not aerial cables.



PART NO.	DESCRIPTION
S83-0377	SD (SHALLOW DEPTH) RED PLATE LABEL PKT 10

C (SHALLOW CLIMBABLE) GREEN PLATE LABEL PKT 10

The pole is marginally shallow, but is OK to climb as long as additional rules are followed.



PART NO.	DESCRIPTION
S83-0378	C (SHALLOW CLIMBABLE) GREEN PLATE LABEL PKT 10

Z (SAFE CLIMB ZONE POLE) GREEN PLATE LABEL PKT 10

The pole is within 1 metre of a defined hazard, but has been assessed as having a safe climb zone, which allows those who have obtained accreditations to access.



PART NO.	DESCRIPTION
S83-0380	Z (SAFE CLIMB ZONE POLE) GREEN PLATE LABEL PKT 10

MILLS CBT BACK-TO-BACK POLE BRACKET (DOUBLE)

A galvanised bracket for 4, 8 and 12 Way Corning and Commscope CBTs (Connector Block Terminals). Manufactured from 1.2mm galvanised steel, the bracket is approved for PIA application and fixes to the top of the pole using the panhead screws provided.

The bracket has 4 x 3mm, 8 x 4mm and 4 x 6mm nutserts to accept different manufacturers' CBT's. The back-to-back bracket is supplied with:

- 4 x M3 x 25 Pozzi Panhead Screws.
- 8 x M4 x 30 Pozzi Panhead Screws.
- 4 x M6 x 30 Pozzi Panhead Screws.

Each face measures 380 x 140mm and the bracket 'stands off' 165mm.

This product has recently been upgraded, as requested by Openreach, with the addition of a protective strip to the top edge.

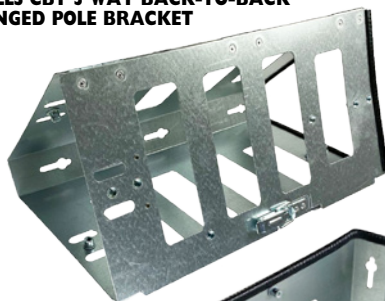
Ref: 095656.



PART NO. DESCRIPTION

S00-1751 MILLS CBT BACK-TO-BACK POLE BRACKET (DOUBLE)

MILLS CBT 3 WAY BACK-TO-BACK HINGED POLE BRACKET



A galvanised bracket for 4, 8 and 12 Way Corning and Commscope CBTs (Connector Block Terminals).

Manufactured from 1.2mm galvanised steel, the bracket is approved for PIA application and fixes to the top of the pole using the panhead screws provided.

The bracket has 4 x 3mm, 8 x 4mm and 4 x 6mm nutserts to accept different manufacturers' CBT's.

The 'back-to-back' bracket is supplied with 4 x M3 x 25 Pozzi Panhead Screws, 8 x M4 x 30 Pozzi Panhead Screws and 4 x M6 x 30 Pozzi Panhead Screws.

Each face measures 380 x 140mm and the bracket 'stands off' 165mm.



PART NO. DESCRIPTION

S00-1741 MILLS CBT 3 WAY BACK-TO-BACK HINGED POLE BRACKET

MILLS UNIVERSAL FACEPLATE FOR CBT BACK-TO-BACK BRACKETS

A specialist composite material block 360mm x 140mm x 25mm, for mounting on to the double or triple CBT brackets, for provision of legacy copper components and relieving congestion at the top of poles.

The block is predrilled, supplied with 2 x M6 x 30mm panhead screws and benefits from a 25 year warranty. (Bracket not included).



PART NO. DESCRIPTION

S83-1852 MILLS UNIVERSAL FACEPLATE FOR CBT BACK-TO-BACK BRACKETS

MILLS UNIVERSAL FACEPLATE FOR CBT BACK-TO-BACK BRACKETS

An adaptor plate which allows all Prysmian Casalink CBT's to be fitted to the Mills CBT Back to Back, double and triple brackets.

Manufactured from galvanised 1.5mm plate and supplied with 4 x M4 x 25mm Panhead Screws and washers.



PART NO. DESCRIPTION

S00-5092 MILLS BACK TO BACK CBT BRACKET CASALINK ADAPTOR PLATE

A) MOBRA JUF/2 FOR SMALL BOXES WITH WIDTHS FROM 220MM TO 300MM

No-Drill MOBRA chamber mounting bracket for use with S83-0528 MOBRA Chamber Bracket Pivot Arm Medium.

S83-0529 Ref: 088199.

B) MOBRA JUF/4-6 FOR MEDIUM BOXES WITH WIDTHS FROM 410MM TO 600MM

No-Drill MOBRA chamber mounting bracket for use with S83-0526 MOBRA Chamber Bracket Pivot Arm Long.

S83-0525 Ref: 066823.

C) MOBRA JUF/10 FOR LARGE BOXES WITH WIDTHS FROM 660MM TO 850MM

No-Drill MOBRA chamber mounting bracket for use with S83-0526 MOBRA Chamber Bracket Pivot Arm Long.

S83-0524 Ref: 066822.



A



B



C



PART NO. DESCRIPTION

S83-0529	A) MOBRA JUF/2 FOR SMALL BOXES
S83-0525	B) MOBRA JUF/4-6 FOR MEDIUM BOXES
S83-0524	C) MOBRA JUF/10 FOR LARGE BOXES

MOBRA ARMS AND ACCESSORIES

A) MOBRA Arm Short

Standing Height 450mm, Closed Length 630mm.
MOBRA Chamber Bracket Pivot Arm Medium for use with S83-0529 MOBRA Small Chamber Bracket JUF/2.
Ref: 066827.

B) MOBRA Arm Long

Standing Height 650mm, Closed Length 820mm.
MOBRA Chamber Bracket Pivot Arm Long for use with S83-0525 MOBRA JUF/4-6 For Medium Boxes with widths from 410mm to 600mm and S83-0524 MOBRA JUF/10 For Large Boxes with widths from 660mm to 850mm. Ref: 066826.

C) Replacement Square End Cap

For S83-0526 and S83-0528 standard MOBRA arms. Supplied individually.

Size: 41 x 41mm.

D) MOBRA Pair of Mounting Brackets for Plastic Chambers

MOBRA no drill chamber mounting brackets for use with joints and termination boxes within cable chambers. Ref: 668256.

E) No Step Label for MOBRA Arms Pk10

A highly visible self-adhesive PSP label designed to be affixed to short and long mobra arms S83-0526 and S83-0528 and to identify the ISP's equipment as well as alerting engineers that the arm is a "no step" area. Label size 250 x 30mm.

Supplied in packs of 10.

A minimum order is required, please contact our sales department for further information.



PART NO. DESCRIPTION

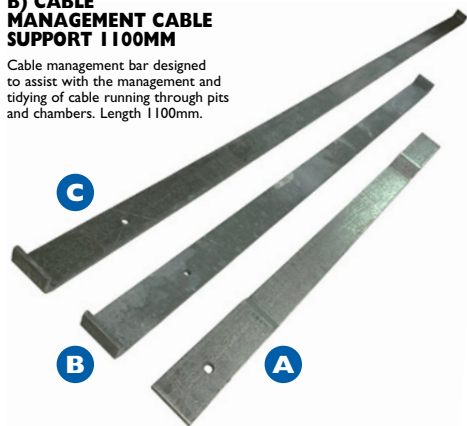
S83-0528	A) MOBRA ARM SHORT
S83-0526	B) MOBRA ARM LONG
S83-1935	C) REPLACEMENT END CAP FOR STANDARD MOBRA ARMS
S83-0527	D) MOUNTING BRACKETS FOR PLASTIC CHAMBERS
S00-1996	E) NO STEP LABEL FOR MOBRA ARMS PK10

A) CABLE MANAGEMENT CABLE SUPPORT 838MM

Cable management bar designed to assist with the management and tidying of cable running through pits and chambers. Length 838mm.

B) CABLE MANAGEMENT CABLE SUPPORT 1100MM

Cable management bar designed to assist with the management and tidying of cable running through pits and chambers. Length 1100mm.



C) CABLE MANAGEMENT CABLE SUPPORT 1980MM

Cable management bar designed to assist with the management and tidying of cable running through pits and chambers. Length 1980mm.

PART NO. DESCRIPTION

S83-1488	A) CABLE MANAGEMENT BAR. LENGTH 838MM
S83-1489	B) CABLE MANAGEMENT BAR. LENGTH 1100MM
S83-1490	C) CABLE MANAGEMENT BAR. LENGTH 1980MM

JOINT SUPPORT KIT 1A

2 x 2.42m lengths of 33.55mm subduct to be used in access chambers to suspend closures and other equipment within the chamber. Ref: 017807.

- Product Diameter: 33.55mm
- Minimum Bend Radius: 11D
- Product Weight: 1.4g/m
- Maximum Tensile Load: 2250N
- Metal Free: Yes
- Product Specification: LNI66



PART NO. DESCRIPTION

S00-3512	JOINT SUPPORT KIT 1A PKT 2
----------	----------------------------

MILLS CBT BACK-TO-BACK MOBRA BRACKET

Mills CBT back-to-back MOBRA Bracket is similar to the existing CBT Pole Bracket, but designed to be bolted to a MOBRA arm (S83-0526 or S83-0528).

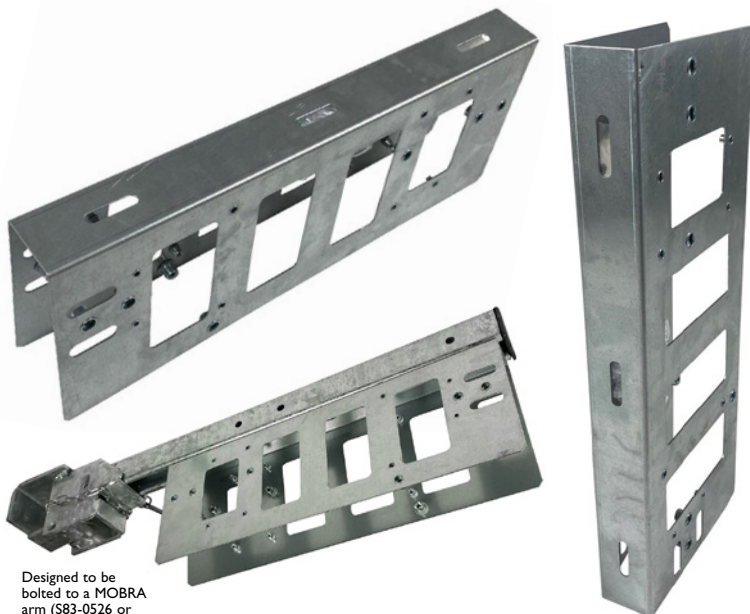
Suitable for 4, 8 and 12 Way Corning and Commscope CBTs (Connector Block Terminals).

Manufactured from 1.2mm galvanised steel, the bracket is approved for PIA application and fixes to a MOBRA Arm.

The bracket has 4 x 3mm, 8 x 4mm and 4 x 6mm nutserts to accept different manufacturers' CBT's.

The back-to-back bracket is supplied with 4 x M3 x 25 Pozil Panhead Screws, 8 x M4 x 30 Pozil Panhead Screws and 4 x M6 x 30 Pozil Panhead Screws.

Each face measures 380 x 140 mm and the bracket 'stands off' 165mm.



Designed to be bolted to a MOBRA arm (S83-0526 or S83-0528). See P111.

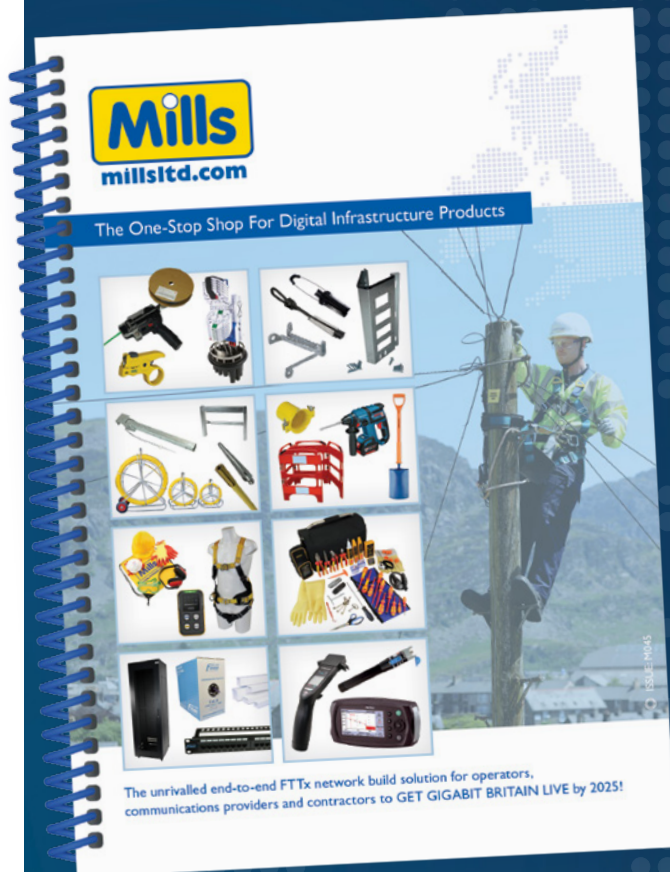
PART NO. DESCRIPTION

S00-3511	MILLS CBT BACK-TO-BACK MOBRA BRACKET
----------	--------------------------------------

Our Full Catalogue

With Over 500 New Products

Available **NOW** to download or as hard copy



Bursting
with new
products

Massive
range of tools
& toolkits

over **450**
product-packed
pages

Hard copy
opens flat for
easy reference

**The
One-Stop
Shop for Digital
Infrastructure
Products**

Simply log onto
www.millsltd/catalogue
or call **020 8833 2626**



STANDARD TERMS AND CONDITIONS OF BUSINESS

Mills Ltd. (the Supplier) agrees to supply goods/services to third parties (the Customer) on the following terms and conditions to the exclusion of any other terms and conditions and which may only be varied under the authority in writing of the Supplier. Read this page online at millsltd.com/terms-conditions

The customer's attention is drawn in particular to the provisions of clause 10.

1. Interpretation

1.1 Definitions:

Business Day: a day (other than a Saturday, Sunday or public holiday) when banks in London are open for business.

Conditions: the terms and conditions set out in this document as amended from time to time in accordance with clause 12.5.

Contract: the contract between the Supplier and the Customer for the sale and purchase of the Goods in accordance with these Conditions.

Customer: the person or firm who purchases the Goods from the Supplier.

Data Protection Legislation: the UK Data Protection Legislation and (for so long as and to the extent that the law of the European Union has legal effect in the UK) the GDPR and any other directly applicable European Union legislation relating to privacy.

Force Majeure Event: an event or circumstance beyond a party's reasonable control.

GDPR: General Data Protection Regulation (EU) 2016/679.

Goods: the goods (or any part of them) set out in the Order.

Order: the Customer's order for the Goods, as set out in the Customer's written acceptance of the Supplier's quotation.

Specification: any specification for the Goods, including any related plans and drawings, that is agreed by the Customer and the Supplier.

Supplier: Mills Limited (registered in England and Wales with company number: 00282704).

UK Data Protection Legislation: any data protection legislation from time to time in force in the UK including the Data Protection Act 1998 or 2018 or any successor legislation.

1.2 Interpretation:

(a) a reference to a statute or statutory provision is a reference to such statute or provision as amended or re-enacted. A reference to a statute or statutory provision includes any subordinate legislation made under that statute or statutory provision, as amended or re-enacted.

(b) any phrase introduced by the terms **including**, **in particular** or any similar expression shall be construed as illustrative and shall not limit the sense of the words preceding those terms.

(c) a reference to **writing** or **written** includes faxes and emails.

2. Basis of contract

2.1 These Conditions apply to the Contract to the exclusion of any other terms that the Customer seeks to impose or incorporate, or which are implied by trade, custom, practice or course of dealing.

2.2 The Order constitutes an offer by the Customer to purchase the Goods in accordance with these Conditions. The Customer is responsible for ensuring that the terms of the Order and any applicable Specification submitted by the Customer are complete and accurate.

2.3 The Order shall only be deemed to be accepted when the Supplier issues a form of acknowledgement accepting the Order, at which point the Contract shall come into existence. At this time, the Customer shall also ensure it provides the Supplier with full details of the individual whom is authorised to accept service of the delivery. In the event the details of the individual changes, the Customer shall inform the Supplier immediately.

2.4 The Customer waives any right it might otherwise have to rely on any term endorsed upon, delivered with or contained in any documents of the Customer that is inconsistent with these Conditions.

2.5 Any samples, drawings, descriptive matter or advertising produced by the Supplier and any descriptions or illustrations contained in the Supplier's catalogues or brochures are produced for the sole purpose of giving an approximate idea of the Goods referred to in them. They shall not form part of the Contract nor have any contractual force.

2.6 A quotation for the Goods given by the Supplier shall not constitute an offer. A quotation shall only be valid for a period of 30 calendar days from its date of issue.

3. Goods

3.1 The Goods are described in the Supplier's catalogue as modified by any applicable Specification.

3.2 The Customer shall indemnify the Supplier against all liabilities, costs, expenses, damages and losses (including any direct, indirect or consequential losses, loss of profit, loss of reputation and all interest, penalties and legal and other professional costs and expenses) suffered or incurred by the Supplier in connection with any claim made against the Supplier for actual or alleged infringement of a third party's intellectual property rights arising out of or in connection with the Supplier's use of the Specification. This clause 3.2 shall survive termination of the Contract.

3.3 The Supplier reserves the right to amend the Specification if required by any applicable statutory or regulatory requirements.

4. Delivery

4.1 The Supplier shall ensure that:

(a) each delivery of the Goods is accompanied by a delivery note that shows the date of the Order of despatch, all relevant Customer and Supplier reference numbers, the type and quantity of the Goods (including the code number of the Goods, where applicable), special storage instructions (if any) and, if the Goods are being delivered by instalments, the outstanding balance of Goods remaining to be delivered; and

(b) if the Supplier requires the Customer to return any packaging materials to the Supplier, that fact is clearly stated on the delivery note. The Customer shall make any such packaging materials available for collection at such times as the Supplier shall reasonably require. Returns of packaging materials shall be at the Supplier's expense.

4.2 The Supplier shall deliver the Goods to the location set out in the Order or such other location as the parties may agree in the delivery note. The Customer shall make any such packaging materials available for collection at such times as the Supplier shall reasonably require. Returns of packaging materials shall be at the Supplier's expense.

4.3 Delivery is completed on the completion of unloading of the Goods at the Delivery Location.

4.4 Any dates quoted for delivery are approximate only, and the time of delivery is not of the essence. The Supplier shall not be liable for any delay in delivery of the Goods that is caused by a Force Majeure Event or the Customer's failure to provide the Supplier with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.

4.5 If the Customer fails to accept or take delivery of the Goods within three Business Days of the Supplier notifying the Customer that the Goods are ready, then, except where such failure or delay is caused by a Force Majeure Event or the Supplier's failure to comply with its obligations under the Contract, delivery of the Goods shall be deemed to have been completed at 5.30pm on the third Business Day after the day on which the Supplier notified the Customer that the Goods were ready; and

(a) the Supplier shall store the Goods until delivery takes place, and charge the Customer for all related costs and expenses (including insurance).

4.6 If four Business Days after the day on which the Supplier notified the Customer that the Goods were ready for delivery the Customer has not accepted delivery of them, the Supplier may resell or otherwise dispose of part or all of the Goods.

4.7 In the event of any deliveries of any cabinets, these will be made to the curb side delivery only (from reception or loading bay only). If the Customer would like two individuals of the Supplier to assist with the delivery, this will be at the cost of the Customer, such cost to be agreed prior to delivery and determined exclusively by the Supplier.

4.8 If the Supplier delivers up to and including 5% more or less than the quantity of Goods ordered the Customer may not reject them.

4.9 The Supplier may deliver the Goods by instalments, which shall be invoiced and paid for separately. Any delay in delivery or defect in an instalment shall not entitle the Customer to cancel any other instalment.

4.10 The Supplier will not be held responsible for any loss or damage to the Goods following completion of delivery to the Customer.

4.11 Where the Supplier uses the services of third party couriers for the delivery of Goods, the Supplier will not be held responsible for any fees incurred by the Customer as a result of a failed delivery of Goods.

4.12 Where the Supplier is able to offer next working day delivery for the delivery of Goods, the Customer must order the Goods:

- (a) before 5pm where the order is placed on Monday to Thursday inclusive; or
- (b) before 4pm where the order is placed on Friday; or
- (c) before 3pm where the order relates to pallet deliveries placed from Monday to Friday inclusive.

5. Quality

5.1 The Supplier warrants that Goods supplied will:

- (a) conform in all material respects with their description and any applicable Specification;
- (b) be free from material defects in design, material and workmanship; and
- (c) be of satisfactory quality (within the meaning of the Sale of Goods Act 1979); and
- (d) be fit for any purpose held out by the Supplier.

but no warranty is given for any particular purpose other than the purpose commonly applied or those specified by the manufacturer;

5.2 Subject to clause 5.3, if:

- (a) the Customer gives notice in writing to the Supplier during the warranty period within a reasonable time of discovery that some or all of the Goods do not comply with the warranty set out in clause 5.1;
- (b) the Supplier is given a reasonable opportunity of examining such Goods; and
- (c) the Customer (if asked to do so by the Supplier) returns such Goods to the Supplier's place of business at the Customer's cost;

the Supplier, once having had a reasonable opportunity to inspect the Goods and satisfy themselves they are defective, shall, at its option, repair or replace the defective Goods or refund the price of the defective Goods in full.

5.3 Before any goods are returned to the Supplier in accordance with clause 5.2, the Customer shall obtain a RMA number before returning the goods.

5.4 The Supplier reserves the right to refuse returns without a valid RMA number shown clearly on the exterior of the packaging. In such an event any items received will be returned to the Customer at the cost of the Customer.

5.5 The Supplier shall not be liable for the Goods' failure to comply with the warranty set out in clause 5.1 in any of the following events:

- (a) the Customer makes any further use of such Goods after giving notice in accordance with clause 5.2;
- (b) the defect arises because the Customer failed to follow the Supplier's oral or written instructions as to the storage, commissioning, installation, use and maintenance of the Goods or (if there are none) good trade practice regarding the same;
- (c) the defect arises as a result of the Supplier following any drawing, design or Specification supplied by the Customer;
- (d) the Customer alters or repairs such Goods without the written consent of the Supplier;
- (e) the defect arises as a result of fair wear and tear, wilful damage, negligence, or abnormal storage or working conditions; or
- (f) the Goods differ from their description as a result of changes made to ensure they comply with applicable statutory or regulatory requirements.

5.6 Except as provided in this clause 5, the Supplier shall have no liability to the Customer in respect of the Goods' failure to comply with the warranty set out in clause 5.1.

5.7 The terms implied by sections 13 to 15 of the Sale of Goods Act 1979 are, to the fullest extent permitted by law, excluded from the Contract.

5.8 These Conditions shall apply to any repaired or replacement Goods supplied by the Supplier.

6. Returns

6.1 In the event the Customer needs to return the Goods because of a mistake or negligence on the part of the Customer, the Supplier reserves the right to invoice the Customer in respect of any costs or expenses, whatsoever and howsoever arising together with a handling fee of the higher of £30 or 25% of the total value of the Goods. For such returns, the customer must again request a RMA number prior to returning the Goods and the Goods must not be damaged in any way whatsoever on the sole view of the Supplier, acting reasonably.

6.2 In the event the Customer requests the collection of the Goods of a mistake or negligence on the part of the Customer, the Supplier reserves the right to invoice the customer in respect of any costs or expenses associated with the collection the higher of £15 excluding VAT or such collection fee as the Supplier deems reasonable on their sole view with regard to the collection location and logistical requirements.

6.3 The Supplier will only accept the return or refund of Goods if defective and the provisions of this clause have been satisfied:

1.1.1. Any Goods claimed to be damaged or defective must be returned with the appropriate receipt or evidence of purchase within 3 working days of purchase.

1.1.2. Where it is agreed between the Supplier and Customer that the Goods were defective at the point of sale following an inspection of the Goods by the Supplier, the Supplier shall have the option to repair the Goods in the first instance or shall have the option to replace the Goods. This decision is at the sole discretion of the Supplier.

1.1.3. Where an inspection of Goods requested by the Customer reveals the Goods are in proper working order, the Supplier reserves the right to invoice the Customer £50 excluding VAT for the inspection works undertaken.

7. Title and risk

7.1 The risk in the Goods shall pass to the Customer on completion of delivery.

7.2 Title to the Goods shall not pass to the Customer until the Supplier receives payment in full (in cash or cleared funds) for the Goods and any other goods that the Supplier has supplied to the Customer, in which case title to the Goods shall pass at the time of payment of all such sums;

7.3 Until title to the Goods has passed to the Customer, the Customer shall:

- (a) store the Goods safely from all of other goods held by the Customer so that they remain readily identifiable as the Supplier's property;
- (b) not remove, deface or obscure any identifying mark or packaging on or relating to the Goods;
- (c) maintain the Goods in satisfactory condition and keep them insured against all risks for their full price from the date of delivery;

(d) notify the Supplier immediately if it becomes subject to any of the events listed in clause 8.1; and

(e) give the Supplier such information relating to the Goods as the Supplier may require from time to time.

CONTINUED OVERLEAF...





STANDARD TERMS AND CONDITIONS OF BUSINESS - CONTINUED

- 7.4 Subject to clause 6.5, the Customer may resell or use the Goods in the ordinary course of its business (but not otherwise) before the Supplier receives payment for the Goods. However, if the Customer resells the Goods before that time:
- it does so as principal and not as the Supplier's agent; and
 - title to the Goods shall pass from the Supplier to the Customer immediately before the time at which resale by the Customer occurs.
- 7.5 If before title to the Goods passes to the Customer the Customer becomes subject to any of the events listed in clause 9.1, without limiting any other right or remedy the Supplier may have:
- the Customer's right to resell the Goods or use them in the ordinary course of its business ceases immediately;
 - the Supplier may at any time:
 - require the Customer to deliver up all Goods in its possession that have not been resold, or irrevocably incorporated into another product; and
 - if the Customer fails to do so promptly, enter any premises of the Customer or of any third party where the Goods are stored in order to recover them.
- 7.6 Title to any Goods returned to the Supplier following a request for inspection by the Customer where believed the Goods to be faulty will pass back to the Supplier.
- 7.7 The Supplier recommends that all Goods should be unpacked and inspected prior to the Customer signing the delivery note. The Customer warrants that signature of the delivery note confirms that all the Goods noted on the delivery note have been delivered and received in good working order. A signed delivery note corresponds to the Customer's delivery address completes the delivery and the risk for the Goods will pass to the Customer.
8. **Price and payment**
- 8.1 The price of the Goods shall be the price set out in the Order, or, if no price is quoted, the price set out in the Supplier's published price list in force as at the date of delivery. The Supplier may, by giving notice to the Customer at any time 3 Business Days before delivery, increase the price of the Goods to reflect any increase in the cost of the Goods that is due to:
- any factor beyond the Supplier's control (including foreign exchange fluctuations, increases in taxes and duties, and increases in labour, materials and other manufacturing costs);
 - any request by the Customer to change the delivery date(s), quantities or types of Goods ordered, or the Specification;
 - any delay caused by any instructions of the Customer or failure of the Customer to give the Supplier adequate or accurate information or instructions.
- 8.2 The price of the Goods:
- excludes amounts in respect of value added tax (VAT), which the Customer shall additionally be liable to pay to the Supplier at the prevailing rate, subject to the receipt of a valid VAT invoice; and
 - excludes the costs and charges of packaging, insurance and transport of the Goods, which shall be invoiced to the Customer.
- 8.3 The Supplier may invoice the Customer for the Goods on or at any time after the completion of delivery.
- 8.4 The Customer shall pay the invoice in full and in cleared funds within 30 days of the date of the invoice. Payment shall be made to the bank account nominated in writing by the Supplier. Time for payment is of the essence. If the Customer fails to make any payment due to the Supplier under the Contract by the due date for payment, then the Customer shall pay interest on the overdue amount at the rate of 8% per annum above Lloyd's bank base rate from time to time. Such interest shall accrue on a daily basis from the due date until actual payment of the overdue amount, whether before or after judgment. The Customer shall pay the interest together with the overdue amount.
- 8.5 The Customer shall pay all amounts due under the Contract in full without any set-off, counterclaim, deduction or withholding (except for any deduction or withholding required by law). The Supplier may at any time, without limiting any other rights or remedies it may have, set off any amount owing to it by the Customer against any amount payable by the Supplier to the Customer.
9. **Termination**
- 9.1 Without limiting its other rights or remedies, the Supplier may terminate this Contract with immediate effect by giving written notice to the Customer if:
- the Customer commits a material breach of any term of the Contract and (if such a breach is remediable) fails to remedy that breach within 5 days of that party being notified in writing to do so;
 - the Customer takes any step or action in connection with its entering administration, provisional liquidation or any composition or arrangement with its creditors (other than in relation to a solvent restructuring), being wound up (whether voluntarily or by order of the court, unless for the purpose of a solvent restructuring), having a receiver appointed to any of its assets or ceasing to carry on business or, if the step or action is taken in another jurisdiction, in connection with any analogous procedure in the relevant jurisdiction;
 - the Customer suspends, threatens to suspend, ceases or threatens to cease to carry on all or a substantial part of its business; or
 - the Customer's financial position deteriorates to such an extent that in the Supplier's opinion the Customer's capability to adequately fulfil its obligations under the Contract has been placed in jeopardy.
- The Supplier, acting reasonably, is unable to fulfil the Order.
- 9.2 Without limiting its other rights or remedies, the Supplier may suspend provision of the Goods under the Contract or any other contract between the Customer and the Supplier if the Customer becomes subject to any of the events listed in clause 9.1 (a) to clause 9.1 (d), or the Supplier reasonably believes that the Customer is about to become subject to any of them, or if the Customer fails to pay any amount due under this Contract on the due date for payment.
- 9.3 Without limiting its other rights or remedies, the Supplier may terminate the Contract with immediate effect by giving written notice to the Customer if the Customer fails to pay any amount due under the Contract on the due date for payment.
- 9.4 On termination of the Contract for any reason the Customer shall immediately pay to the Supplier all of the Supplier's outstanding unpaid invoices and interest.
- 9.5 Termination of the Contract shall not affect any of the parties' rights and remedies that have accrued as at termination, including the right to claim damages in respect of any breach of this Contract that existed at or before the date of termination.
- 9.6 Any provision of the Contract that expressly or by implication is intended to come into or continue in force on or after termination shall remain in full force and effect.
10. **Limitation of liability**
- 10.1 Nothing in these Conditions shall limit or exclude the Supplier's liability for:
- death or personal injury caused by its negligence, or the negligence of its employees, agents or subcontractors (as applicable);
 - fraud or fraudulent misrepresentation;
 - breach of the terms implied by section 12 of the Sale of Goods Act 1979; [or]
 - defective products under the Consumer Protection Act 1987; or]
- (a) in respect of which it would be unlawful for the Supplier to exclude or restrict liability.
- 10.2 Subject to clause 9.1:
- the Supplier shall under no circumstances whatsoever be liable to the Customer, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, for loss of profit, or any indirect or consequential loss arising under or in connection with the Contract; and
 - the Supplier's total liability to the Customer in respect of all other, save for matters arising from environmental matters where the Customer accepts liability, losses arising under or in connection with the Contract, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, shall in no circumstances exceed the price of the Goods.
- 10.3 Customers have a duty to use/operate all Goods supplied in accordance with manufacturers instructions

for safe use and to ensure that such instructions are made readily available prior to the use of the Good by any individual.

11. Force majeure

Neither party shall be in breach of this Contract nor liable for delay in performing, or failure to perform, any of its obligations under this Contract if such delay or failure results from a Force Majeure Event. If the period of delay or non-performance continues for 4 weeks, the party not affected may terminate this Contract by giving 2 weeks written notice to the affected party.

12. General

12.1 Assignment and other dealings.

- The Supplier may at any time assign, transfer, mortgage, charge, subcontract or deal in any other manner with all or any of its rights or obligations under the Contract.
- The Customer may not assign, transfer, mortgage, charge, subcontract, declare a trust over or deal in any other manner with any or all of its rights or obligations under the Contract without the prior written consent of the Supplier.

12.2 Confidentiality.

- Each party undertakes that it shall not at any time disclose to any person any confidential information concerning the business, affairs, customers, clients or suppliers of the other party or of any member of the group to which the other party belongs, except as permitted by clause 12.2 (b). For the purposes of this clause, **group** means, in relation to a party, that party, any subsidiary or holding company from time to time of that party, and any subsidiary from time to time of a holding company of that party.

- Each party may disclose the other party's confidential information:

- to its employees, officers, representatives or advisers who need to know such information for the purposes of exercising the party's rights or carrying out its obligations under or in connection with this agreement. Each party shall ensure that its employees, officers, representatives or advisers to whom it discloses the other party's confidential information comply with this clause 12.2; and
- (ii) as may be required by law, a court of competent jurisdiction or any governmental or regulatory authority.

- No party shall use any other party's confidential information for any purpose other than to exercise its rights and perform its obligations under or in connection with this agreement.

12.3 Trademarks.

The Customer shall not tamper with, alter the face or remove any of the names, logos or marks affixed to or marked on the goods or allow anyone else to do so. All Trademarks are acknowledged and belong to the Seller.

12.4 Entire agreement.

- This Contract constitutes the entire agreement between the parties and supersedes and extinguishes all previous agreements, promises, assurances, warranties, representations and understandings between them, whether written or oral, relating to its subject matter.
- Each party agrees that it shall have no remedies in respect of any statement, representation, assurance or warranty (whether made innocently or negligently) that is not set out in this agreement. Each party agrees that it shall have no claim for innocent or negligent misrepresentation or negligent misstatement based on any statement in this agreement.

12.5 Mills Limited web account Customers will receive a password and account number upon completion of the registration process. All such information provided is confidential to the Customer and must not be shared with anyone whom it is not the Customer or the Supplier. The Customer agrees to indemnify the Supplier of any unauthorised use of the password or account number and any other breach of security.

12.6 The Customer shall also ensure they sign out of their Mills Limited web account after every session and agrees to indemnify the Supplier of any unauthorised use of the password or account number and any other breach of security.

12.7 **Variation.** No variation of this Contract shall be effective unless it is in writing and signed by the parties (or their authorised representatives).

12.8 **Waiver.** No failure or delay by a party to exercise any right or remedy provided under the Contract or by law shall constitute a waiver of that or any other right or remedy, nor shall it prevent or restrict the further exercise of that or any other right or remedy. No single or partial exercise of such right or remedy shall prevent or restrict the further exercise of that or any other right or remedy.

12.9 **Severance.** If any provision or part-provision of the Contract is or becomes invalid, illegal or unenforceable, it shall be deemed modified to the minimum extent necessary to make it valid, legal and enforceable. If such modification is not possible, the relevant provision or part-provision shall be deemed deleted. Any modification to or deletion of a provision or part-provision under this clause shall not affect the validity and enforceability of the rest of the Contract.

12.10 Notices.

- Any notice or other communication given to a party under or in connection with the Contract shall be in writing (addressed to that party at its registered office (if it is a company) or its principal place of business (in any other case) or such other address as that party may have specified to the other party in writing in accordance with this clause, and shall be delivered personally, sent by pre-paid first class post or other next working day delivery service, commercial courier, or fax.

- A notice or other communication shall be deemed to have been received: if delivered personally, when left at the address referred to in clause 12.7 (a); if sent by pre-paid first class post or other next working day delivery service, at 9.00 am on the second Business Day after posting; if delivered by commercial courier, on the date and at the time that the courier's delivery receipt is signed, or, if sent by fax, one Business Day after transmission.

(c) The provisions of this clause shall not apply to the service of any proceedings or other documents in any legal action.

12.11 **Third party rights.** No one other than a party to this Contract shall have any right to enforce any of its terms.

12.12 **Governing law.** The Contract, and any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with it or its subject matter or formation, shall be governed by and construed in accordance with the law of England and Wales.

12.13 **Jurisdiction.** Each party irrevocably agrees that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with this Contract or its subject matter or formation.

13. Data protection and data processing

13.1 Both parties will comply with all applicable requirements of the Data Protection Legislation. This clause 13 is in addition to, and does not relieve, remove or replace, a party's obligations under the Data Protection Legislation. In this clause 13, **Applicable Laws** means (for so long as and to the extent that they apply to the Supplier) the law of the European Union, the law of any member state of the European Union and/or Domestic UK Law; and **Domestic UK Law** means the UK Data Protection Legislation and any other law that applies in the UK.

13.2 The parties acknowledge that for the purposes of the Data Protection Legislation, the Customer is the data controller and the Supplier is the data processor (where Data Controller and Data Processor have the meanings as defined in the Data Protection Legislation).

0-9			
1000V Toolkits	17	Clamp 1A	97
1000V VDE Screwdrivers	32	Clean Sticks	47
110 Punch Down Tools	70	Cleaning Click Pens	46
Fibre Optic Strippers	58	Clip Test 38A	73
6 in 1 Blown Fibre Tools	57	Club Hammers	36
A		Coach Screw Socket & Adaptors	100
AA Batteries	60	Coaxial Strippers	64
Adhesive 3ml for Rodder Repairs	92	Cobra Accessory Kits	91
Air Flow Gauges	59	Cold Cure Kits	52
Air Hose Kit with Fittings	43	Wire Inserters	70
B		Combination Spanners	107
Back to Back CBT Bracket Casalink		Combined Krone/Pouyet™	
Adaptor Plate	110	Style Wire Inserters	70
Ball Attachment For Rods	93	Feed Through RJ45 Crimp Tools	68
Barrel Clamps	102	Compression Tool For Corning Connectors	66
Bead Crimpers	55	Connector Bend No. 1	103
Bellmouths	90	Connector Bends No.4	104
Belt Pocket	24	Connector Tools	66
Belt Pole 1B	89	Copper Joiner's Toolkits	14
Bi-Fold Kneeling Pads	80	Cordset Disconnection Modules	72
Blown Fibre Air Inflators	59	Cordsets	71-72
Blown Fibre Duct Cutters	56	Countersunk Pozi Wood Screws	107
Blown Fibre Microduct Tube Cutters	56	Covers 101A	104
Blown Fibre Toolkits	48	Crimp Tool Sets	69
Bolt Expanding	107	Customer Lead In Conduits	104
Brace Coach Screw	88, 100	Cutter Longitudinal	57, 65
Bracket 22, 32, 44, 51	102	Cyclops Data Cable Strippers	64
Brick Bolsters	35	D	
BT Modular Plug Crimp Tools	68	D (Defective) Red Plate Label	109
Bullet Ends (for Rodders)	92	D Door Quick Erect Tents	77
C		D Tube External Capping	105
C (Shallow Climable) Green Plate Label	109	Data & Voice Toolkit	11-13
Cable A Frame and Drum Stand Dispenser	88	Data Installer Holster Kit	69
Cable Certifiers	74	Defective Pole Label A1024 Lilac	108
Cable Cleats	106	Die Sets For Coaxial Connectors	69
Cable Clips	83	Die Sets For Modular Plugs	69
Cable Cutters	37, 55-56	Disconnection Cordsets	71
Cable Drum Cones for Cable A Frame	88	Dispenser 1A	94
Cable Entry Covers	104	Dispenser Dropwire 2C	89
Cable Joe	90	Dispenser Sash Line	89
Cable Management Bars	112	Dolly Cable Entry Brown	106
Cable Ringing Tools	58	Drawrope Dispensers	94
Cable Tie Guns	82, 97	Drawrope No.1	93
Cable Tie Handy Pack	82	Drill Bit Rolls	25
Cable Tie Tensioner 5A	82, 97	E	
Cable Ties	82-83	Electrician's Toolkit	16
Cable Ties Hook & Loop	83	End Cutting Duct Tools (Crocodile)	55
Cable Ties Stainless Steel	82	End Face Inspection Probe and Camera	47
Cabling in Progress Signs	76, 97	End Fittings (for Rodders)	92
Cabling Labels	108	External CLI Base & Covers Mini	105
Cage Nut Sets	83	External CLI Connector Bend Adaptors	105
Caged Nut Removal Tools	83	External Customer Lead In	105
Camlock Fittings Set	77	External Customer Lead In Kits	104
Capping Steels	103, 104	External Fibre Locking Mechanism	106
Groundsheet	81	Eyebolt Expanding	107
CATV Toolkit	15	Eyebolts	107
Caulking Guns	39	F	
Caution Overhead Fibre Labels	108	F.I.G. Fibre Installation Gun	43
CBT 3 Way Back-to-Back		Fault Locators Visual	60
Hinged Pole Brackets	110	Fibre and Copper Testers	60
CBT Back-to-Back Mobra Brackets	112	Fibre Blowing Lubricants	98
CBT Back-to-Back Pole Brackets	110	Fibre Blowing Microduct Lubricant	44
Chisels	35	Fibre Cable Degreaser	44, 98
		Fibre Cable Pulling Lubricant	44
		Fibre Cleaning Kits	46
		Fibre Cleavers	60
		Fibre Drop Cable Cleats	106
		Fibre Inspection Kits	53-54
		Fibre Installation Guns	42
		Fibre Installation Gun Tripod	42
		Fibre Microscopes	47
		Fibre Optic Cassette Cleaners	46
		Fibre Optic Cleaning Wipes	46-47
		Fibre Strippers	58
		Fibre Talk Set	62
		Fibreglass Fish Tapes	98
		Fish Tapes	98
		Fishing Umbrellas	77
		Flexi End (for Rodders)	93
		Flush Cutters	37
		FTTH Microduct Testing Rig	59
		G	
		Galvanised Staples	103
		Gate Guards	76
		Gate Guard Clip Boards	76
		GPON Installers Toolkits	54
		Grip Coupling 1A	90
		Guide Beads	55
		Guide Cabling 17A	90
		H	
		H (Hazard Plate) Orange Label	109
		Hacksaw Blades	35
		Hacksaws	35
		Halo Rings	100
		Hammers	36
		Hand LED Inspection Lights	39
		Head Torches	38
		Heat Pump Toolkit	19
		Heavy Duty Antibacterial Handwipes	80
		Hex Key Sets	33
		Hook & Loop Rolls	83
		Hook Aerial Cable 1A	102
		Horse Pole	88
		Hose Lay-Flat 3A (for Submersible Pumps)	77
		I	
		Inline Socket Adaptor Kit	72
		Installer's Toolboxes	22
		Internal Customer Lead-In Kits	104
		IPA Dispensers	47
		IPA Solvent Spray	45
		IPA Water Mix	45
		J	
		Joint Couplers (for Rodders)	92
		Joint Support Kit 1A	112
		K	
		Key Carriageway 2A D Pit Lifters	96
		KISS Tools	96
		Key Insertion Safety Shim KISS Tools	96
		Key Joint Box 4	94
		Key Joint Box 5M With Magnetic	
		Arms & Cleaning Keys	95
		Key Lifting	96-97
		Key Lifting Manhole Cover	96
		Key Pillar	89
		Knee Pads Gel Filled	80
		Knife Sharpeners	35
		Knives	35

Krone Wire Inserters	70	Portable Ventilators	77	Storage Pouches	25
Krone™ Outrigger	70	Pouyet™ Style Wire Inserters	70	Strap Lashing No.1	89
L		Pozi® Screwdrivers	30-32	Stripper Cable Sheath	58, 65
Labels	108	Pre-Climb Pole Inspection Check Labels	108	Strippers and Crimpers	70
Lamps and Torches	39	Premier Air Blown Fibre Installation Kit	42	Cable Strippers	26, 27, 29
Latex Grip Gloves	80	Presenters	23	Strips Aluminium	101
LC Adaptors	61	Probe Pole Tester	88	Structured Cable Testers	74
LED Site Floodlights	38-39	Prop Raising Telescopic 6.2m	88	Stud Expanding IA	107
Letter Pole	109	Protection Mats	25, 78	Subduct Cutters	55
Lightweight ABS Tool Cases	20	Pull Puck	93	Subduct Pulling Eye (WUD Carrot)	90
Live Fibre Identifiers	62	Pump Lubricant 2A	44, 98	Suction Lifter Aluminium Double-Pad	93
Long Reach Duct Connector Pliers	57	Pump Submersible 3A	77	Swingback Fibreglass Step Ladders	78
Longitudinal & Circumferential		PVC Capping	104	Swivel Connectors	92
Sheath Stripping Tool	57	PVC Conduit Black Round	103		
LSA-PLUS NT Test Cords	72	PVC Tapes	83		
M		Q		T	
Magnetic Counterbalance		Quick Change Hooks		T Handle 20" Manhole Key	97
Arms (for No5 Lifter)	95	(for No5 and No4 Lifters)	95	Tape Measures	40
Malicoil Fibre Coiling Brackets	102	R		Technicians Cases	20
Measuring Wheels	40, 76	Radiodetection SPX	92	Tent Joints	77
Microduct Ball End Guide Attachment	55	Ratchet Crimp Tools	26, 67	Termination Kit	68
Microduct Cutters	56	Ratchet Tie Down Straps	78	Test Cordsets	71-72
Microduct Pressure and Integrity Test Kits	59	Reflex Gloves	80	Tool & Laptop Cases	23
Microduct Rounding Tools	57	Resin 14 Removal Toolkit	94	Tool Aprons	24
Mills stripper cable sheath 7 (4-16mm)	65	Rigid Cable Protectors	106	Tool Bag Lifting Hanger	24
Mobile Toolcases	21	Ring Polehead	100	Tool Frames	69
Mobra Arms	111	Ring Polehead Stand-Off IA	100	Tool Frame With Cases	69
Mobras	111	Riser Guard Brown	106	Tool Frame With Case And 5 Dies	69
Modular Adaptor BT Plug	73	RJ45 Shielded Crimpers	68	Tool Wallets	22
Monitoring Cordsets	71	Rod and Frames	91	Toolbags	23-24
Mounting Brackets for Plastic Chambers	111	Roller Ends For Cobra Rods	93	Toolrolls	22
		Roller Rope Guiding Surface	90	Torches	38-39
		Rubber Mallets	36	Torch Holders	38
N		S		Torque Wrenches	66
Nails Bonding	101	S.D.S Masonry Drills	84	Torx Sets	33
New Site Capping	105	Scissors	37, 58	Traffic Sandbags	76
New Site Connector Bends	105	Screw Coach 3"	100	Tri-head Duct Cutters	56
No Step Label for Mobra Arms	111	Screwdriver Sets	30-32	Tube Measuring Gauges	55
No.5 Pit Lifter and Upgrade Kit	95	Screwdrivers	30-32	Tube Reaming & Deburring Tools	57
Number Pole	109	SD (Shallow Depth) Red Plate Label	109	Twisted Pair Strippers	64
Nut Drivers	33	Series 43 HDC 3 in 1 Tool	65		
O		Service Engineer's Toolkits	7-10	U	
Oil Spillage Kit (15 litres)	80	Shackle Attachment For Rods	93	Umbrella Clamps	77
Optical Fibre Cleaners	45	Sharpie Permanent Markers	108	Universal Cable Drum Dispenser	94
Optical Laser Sources	61	Sharps Disposal Bins	47	Universal Coaxial Termination Kit	69
Optical Power Meters	61	Single Hole Fibre Strippers	58	Universal Faceplate For CBT	
P		Site lights	38-39	Back-To-Back Brackets	110
Panhead Pole Fixing Screws	107	Slotted Screwdrivers	30-32	URLs Cordsets	72
Pen Markers	108	Smart Meter Additional PPE Kits	81	U-Shackle	93
Permanent Marker Pens	108	Smart Meter Electrical Engineers Toolkits	17	Utility Tote Tool Bag With Cover	22
Personal Protection Kits	81	Smart Meter General Toolkits	18		
Pin Steel No.2	101	Soft Pouches	25	W	
Pit Cover Roller Bars	95	Spanner Sets	34	Wall Plate 5A with Thimble	102
Pit Lifter 20"	97	Spanners	34	Washers Galvanised	101
Pitmate Kits	87	Specialist Fibre Optic Toolbag	51	Water Sampling Kits	81
Polemate Kits	86	Spirit Levels	40	Wheel Attachments For Cobra Rods	93
Pliers	26-29	Splicer's Kits	49-50	White Paint Markers	108
Pliers and Crimpers	65	Spring End Attachments (for Rodders)	93	Wrench and Spanner Sets	34
Pluck Out Foam Cases	23	Spudgers	73		
Plug Creosoted	101	Staples Galvanised	107	Z	
Pole Depth Tube Caps	103	Star Lock Pillar Keys	89	Z (Safe Climb Zone Pole) Green Plate Label	109
Pole Labels	109	Steel Fish Tapes	98		
Pole Letters	109	Step Pole No.1	100		
Pole Numbers	109	Stool Folding	89		
Pole Testing Auger Bit	88				

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
A10-0200	19	B72-2558	21	C05-0061	46	E12-0365	27	F19-1121	43	J72-7864	36
A10-3504	17	B72-2559	21	C05-3357	46	E12-3356	29	F19-1122	43	J72-9588	36
A10-3505	17	B72-2560	21	C29-0545	71	E12-6159	27	F19-1123	43	J75-1020	36
A10-4586	54	B72-2562	21	C29-0546	71	E12-6160	27	F19-1124	43	J75-1021	36
A10-4805	69	B72-5011	23	C29-0547	71	E12-6164	29	F19-1125	43	K70-5012	40
A10-6079	49	B72-5810	23	C29-0548	71	E12-6165	29	F19-1126	43	K70-7663	40
A10-6110	15	B72-5811	23	C29-0549	71	E12-6166	29	F19-1128	43	K70-7869	40
A10-6111	15	B72-5811	24	C29-0550	71	E12-6167	29	F70-2884	32	M14-0624	39
A10-6112	15	B72-7706	21	C29-0551	71	E12-6630	57	F70-4250	30	M14-0652	38
A10-6130	7	B72-7900	22	C29-0552	71	E12-7531	28	F70-4251	30	M14-6884	38
A10-6131	7	B99-1832	25	C29-0553	71	E12-7532	28	F70-4252	30	M99-4018	39
A10-6132	7	B99-3582	23	C29-0554	72	E12-7533	28	F70-4254	30	M99-5797	38
A10-6133	7	C00-0113	83	C29-2874	72	E12-7534	28	F70-4255	30	M99-6624	73
A10-6134	8	C00-0556	73	C29-4465	72	E21-1421	70	F70-4257	30	M99-6820	60
A10-6135	8	C00-1561	98	C70-6865	70	E22-6371	40	F70-4258	30	M99-6914	39
A10-6136	8	C00-1628	72	C70-6894	70	E22-6373	40	F70-4259	30	M99-6998	38
A10-6137	8	C00-1629	72	C70-6896	70	E22-6374	93	F70-4260	30	M99-7559	38
A10-6138	9	C00-1740	68	C71-0625	108	E22-6376	37	F70-4261	30	M99-7576	38
A10-6139	9	C00-1887	61	C71-6895	108	E22-6386	29	F70-4262	30	N00-3011	35
A10-6140	9	C00-2000	74	C71-9820	108	E22-6390	36	F70-4265	30	N04-1616	35
A10-6141	9	C00-2545	62	C71-9826	108	E22-6391	36	F70-4266	30	N12-6547	35
A10-6142	10	C00-3013	68	C72-7632	73	E22-6392	39	F70-4267	30	N21-1604	35
A10-6143	10	C00-3015	98	C92-3019	46	E22-6393	35	F70-4268	30	N36-1118	84
A10-6144	10	C00-3036	45	C92-3025	46	E22-6394	31	F70-4269	30	N36-1121	84
A10-6145	10	C00-3522	70	E00-0454	69	E22-6395	39	F70-4270	30	N36-1122	84
A10-6146	53	C00-3851	59	E00-3851	57	E22-6396	27	F70-4281	33	N36-1123	84
A10-6147	53	C00-4182	72	E00-0470	65	E22-6397	27	F70-4282	33	N36-1124	84
A10-6148	54	C00-4313	47	E00-1017	69	E22-6585	35	F70-4283	33	N36-1127	84
A10-6149	54	C00-4314	47	E00-1019	69	E65-5463	65	F70-4284	33	N36-1129	84
A10-6150	11	C00-4316	46	E00-1020	69	E66-1325	26	F70-4285	33	N36-1130	84
A10-6151	11	C00-4317	46	E00-1021	69	E66-1325	67	F70-4286	33	N36-1132	84
A10-6152	11	C00-4442	71	E00-1032	69	E66-1325	70	F70-4287	30	N36-1136	84
A10-6153	12	C00-4443	71	E00-1113	37	E66-6891	37	F70-4288	30	N36-1136	86
A10-6154	12	C00-4452	57	E00-1433	69	E68-3002	64	F70-4291	30	N36-1136	87
A10-6155	12	C00-4610	47	E00-1434	69	E70-4253	26	F70-4806	30	N36-1139	84
A10-6156	13	C00-4827	45	E00-1436	69	E70-4255	26	F70-5009	30	N36-1139	86
A10-6157	13	C00-5464	60	E00-1437	69	E70-4257	26	F70-8720	30	N36-1139	87
A10-6158	13	C00-5465	61	E00-2017	67	E70-4259	26	F72-3040	33	N36-1142	84
A10-6180	16	C00-5466	61	E00-2026	67	E70-4260	26	G70-1768	100	N36-1142	86
A10-6181	16	C00-5816	74	E00-2530	58	E70-4265	29	G70-1769	100	N36-1142	87
A10-6182	16	C00-5932	66	E00-3646	28	E70-4265	26	G70-1770	100	N36-1143	84
A10-6183	48	C00-5933	66	E00-3647	28	E70-5001	58	H00-5856	66	N36-1143	86
A10-6184	48	C00-5985	66	E00-3649	28	E70-5003	58	H00-5857	66	N36-1143	87
A10-6185	52	C00-5985	66	E00-3652	28	E70-5009	68	H01-1528	33	N36-1144	84
A10-6186	52	C00-5988	71	E00-3816	57	E70-5010	68	H01-1529	33	N36-1144	86
A10-6187	52	C00-6118	60	E00-3816	65	E70-5011	68	H33-3021	33	N36-1144	87
A10-6190	14	C00-6119	60	E00-4829	58	E70-5012	67	H33-3021	33	N36-1187	84
A10-6191	14	C00-6408	47	E00-4855	55	E70-5013	67	H70-2011	34	N36-1192	84
A10-6192	14	C00-6409	47	E00-4856	55	E70-7697	68	H70-2038	34	N36-1192	86
A10-6193	49	C00-6434	61	E00-4872	69	E70-9339	69	H70-2039	34	N36-1192	87
A10-6194	49	C00-6435	62	E00-4873	69	E70-9579	69	H70-5393	34	N36-1196	84
A10-6195	50	C00-6640	65	E00-4874	69	E70-9580	69	H70-5394	34	N36-1196	86
A10-6196	50	C00-6697	59	E00-5004	58	E72-0617	27	H70-5395	34	N36-1196	87
A10-6197	50	C00-6822	70	E00-5006	64	E72-0617	37	H70-5396	33	N36-1591	84
A10-6784	53	C00-6863	60	E00-5480	57	E72-1018	68	H70-7368	34	N36-1592	84
A10-7635/10	18	C00-6863	61	E00-5853	64	E72-5014	67	H72-1002	33	N36-1593	84
A10-7635/11	18	C00-6863	61	E00-5854	64	E72-6782	55	H72-1380	33	N36-1593	86
A10-7635/8	18	C00-6890	70	E00-6124	55	E87-7665	29	H72-1385	33	N36-1593	87
A10-7635/9	18	C00-6984	60	E00-6170	58	F00-1041	31	H72-1386	33	N36-1594	84
A10-7638	81	C00-6985	60	E00-6175	58	F02-3638	32	H72-1771	107	N36-1594	86
A10-7639	18	C00-7252	72	E00-6176	37	F02-3639	32	H72-1772	107	N36-1594	87
A10-7640	17	C00-7253	72	E00-6177	64	F02-3640	32	H72-6380	33	N36-1595	84
B29-4804	69	C00-7676	62	E00-6178	64	F02-3641	32	H72-6381	33	N36-1595	86
B29-6720	24	C00-7702	70	E00-6419	56	F02-3642	32	H72-6382	33	N36-1595	87
B70-0600	22	C00-7929	47	E00-6588	64	F02-3643	32	H72-6383	33	N36-1861	84
B70-4505	25	C00-7953	69	E00-6589	64	F02-3644	32	J04-1249	35	N36-1863	84
B70-6572	20	C00-8161	74	E00-6626	58	F02-3645	32	J04-6467	57	N36-1865	84
B70-6917	51	C00-8162	74	E00-6627	58	F10-1639	42	J53-1002	36	N36-1865	86
B70-8209	22	C00-8209	64	E00-6641	56	F14-3501	31	J53-1005	36	N36-1865	87
B72-0048	20	C00-8296	47	E00-6670	55	F19-1000	42	J53-1012	36	N36-1866	84
B72-0049	20	C00-8998	70	E00-6861	55	F19-1100	42	J53-1014	36	N36-1866	86
B72-0604	22	C00-9233	25	E00-6912	58	F19-1107	43	J53-1762	36	N36-1866	87
B72-0658	23	C00-9234	25	E00-6974	56	F19-1108	43	J53-3000	36	N36-1868	84
B72-2552	21	C00-9235	25	E00-6975	56	F19-1111	43	J53-3001	36	N36-1868	86
B72-2553	21	C00-9269	66	E00-7292	56	F19-1115	43	J62-6638	35	N36-1868	87
B72-2554	21	C00-9301	66	E00-7643	57	F19-1116	43	J62-8167	35	N36-1869	84
B72-2555	21	C00-9302	66	E00-9341	69	F19-1117	43	J62-8168	35	N36-1869	86
B72-2556	21	C00-9304	66	E12-0364	27	F19-1120	43	J72-1001	36	N36-1869	87

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
N36-1870	84	R02-8354	83	S00-3308	91	S13-1238	90	S83-0915	65	S83-2825	109
N36-1870	86	R02-8355	83	S00-3309	91	S13-1239	94	S83-0933	73	S83-2826	109
N36-1870	87	R02-8356	83	S00-3310	91	S13-1374	92	S83-0944	101	S83-2827	109
N36-1871	84	R02-8357	83	S00-3311	91	S13-1375	92	S83-0945	82	S83-2828	109
N36-1871	86	R07-1747	107	S00-3312	91	S13-1376	92	S83-0945	97	S83-2829	109
N36-1871	87	R07-1748	107	S00-3313	91	S13-1377	92	S83-0948	108	S83-2830	109
N36-1873	84	R07-1749	107	S00-3511	112	S13-1378	92	S83-0960	108	S83-2831	109
N36-1873	86	R51-8450	83	S00-3512	112	S13-1379	92	S83-1060	102	S83-2832	109
N36-1873	87	R51-8451	83	S00-3573	77	S13-1380	92	S83-1064	102	S83-2841	100
N36-1874	84	R51-8452	83	S00-3574	77	S13-1381	92	S83-1488	112	S83-2842	100
N36-1874	86	R99-1216	83	S00-3585	91	S13-1633	95	S83-1489	112	S83-2857	107
N36-1874	87	R99-3803	83	S00-3586	91	S13-1634	95	S83-1490	112	S83-2858	107
N36-5005	84	R99-3804	83	S00-3590	91	S13-1635	89	S83-1612	77	S83-2865	101
N36-8161	84	R99-5386	83	S00-3591	91	S13-1796	95	S83-1681	102	S83-2866	101
N70-0350	37	R99-5388	83	S00-4263	92	S13-1825	90	S83-1693	43	S83-2868	101
N70-7979	35	R99-5389	83	S00-4538	80	S13-1957	92	S83-1707	100	S83-2869	107
N72-6375	35	R99-6590	80	S00-4685	82	S13-3000	97	S83-1746	101	S83-2927	107
N72-6574	35	S00-1969	102	S00-4686	82	S13-3001	96	S83-1753	103	S83-2928	107
N72-6586	35	S00-0004	80	S00-4729	25	S13-3067	93	S83-1755	108	S83-2984	77
N72-6586	35	S00-0424	92	S00-4729	78	S13-3068	93	S83-1766	101	S83-2996	100
N77-0531	84	S00-0429	92	S00-5092	110	S13-3575	96	S83-1773	107	S83-2999	109
N77-0532	84	S00-0621	76	S00-5229	90	S13-4455	89	S83-1775	104	S83-3163	101
N77-0532	86	S00-0949	77	S00-5598	76	S13-4483	95	S83-1777	105	S83-3546	88
N77-0532	87	S00-1240	90	S00-5600	81	S13-5027	95	S83-1778	105	S83-3550	103
N77-0533	84	S00-1241	90	S00-5601	81	S13-7715	92	S83-1779	104	S83-3949	89
N77-0534	84	S00-1352	91	S00-5602	81	S13-9030	95	S83-1781	105	S83-4329	104
N77-0534	86	S00-1355	91	S00-5603	81	S26-0299	80	S83-1782	105	S83-4330	104
N77-0534	87	S00-1356	91	S00-5604	81	S26-3435	80	S83-1783	105	S83-4450	73
N77-0535	84	S00-1358	91	S00-5605	81	S27-1959	44	S83-1786	105	S83-4526	104
N77-0535	86	S00-1368	91	S00-5606	81	S27-1959	98	S83-1809	109	S83-4529	104
N77-0535	87	S00-1369	91	S00-5620	82	S27-1960	44	S83-1810	109	S83-4555	96
N77-0537	84	S00-1370	91	S00-5628	82	S27-1960	98	S83-1811	109	S83-4609	105
N77-0538	84	S00-1371	91	S00-5646	76	S27-1961	44	S83-1823	107	S83-4640	108
N77-0538	86	S00-1372	91	S00-5796	94	S27-1961	98	S83-1838	94	S83-4688	94
N77-0538	87	S00-1373	91	S00-6123	76	S27-1962	44	S83-1852	110	S83-4748	104
N77-0539	84	S00-1382	93	S00-6417	93	S27-1962	98	S83-1853	107	S83-4749	104
N77-0540	84	S00-1400	82	S00-6671	76	S27-1963	44	S83-1854	107	S83-4816	56
N77-0541	84	S00-1401	82	S00-6671	40	S27-1963	98	S83-1880	102	S83-4903	105
N77-0542	84	S00-1402	82	S00-6725	76	S27-1964	44	S83-1881	102	S83-4907	104
N77-0543	84	S00-1403	82	S00-6972	78	S27-1964	46	S83-1882	102	S83-4908	105
N77-0543	86	S00-1404	82	S00-7197	106	S27-1964	98	S83-1915	108	S83-4909	105
N77-0543	87	S00-1405	82	S00-7604	91	S27-1965	45	S83-1935	111	S83-4910	105
N77-0544	84	S00-1406	82	S00-7605	91	S27-1965	47	S83-1956	89	S83-4990	105
N77-0544	86	S00-1407	82	S00-7606	91	S27-1966	45	S83-1967	103	S83-5084	104
N77-0544	87	S00-1532	78	S00-7607	91	S27-1966	46	S83-1969	105	S83-5090	106
N77-0664	84	S00-1533	78	S00-7608	91	S57-3005	82	S83-1970	104	S83-5091	106
P40-3537	38	S00-1534	78	S00-7609	91	S57-3005	97	S83-1973	104	S83-6189	59
P57-5087	77	S00-1535	78	S00-7610	91	S57-4257	82	S83-1976	105	S83-6198	56
Q69-1686	104	S00-1536	78	S00-7611	91	S83-0376	109	S83-1979	104	S83-6621	81
Q69-1687	104	S00-1601	102	S00-7664	55	S83-0377	109	S83-1982	105	S83-6621	97
Q69-1688	104	S00-1627	76	S00-7666	91	S83-0378	109	S83-1985	105	S83-6910	55
Q69-4088	104	S00-1627	97	S00-7667	91	S83-0379	109	S83-1988	105	S83-6911	55
R00-3505	92	S00-1739	93	S00-7668	91	S83-0380	109	S83-1991	105	S83-6959	73
R02-1662	107	S00-1741	110	S00-7669	91	S83-0381	108	S83-2626	107	S83-7249	59
R02-2587	106	S00-1751	110	S00-7670	91	S83-0524	111	S83-2628	107	S83-7413	73
R02-4312	106	S00-1970	102	S00-7714	91	S83-0525	111	S83-2653	88	S83-7577	73
R02-4674	24	S00-1996	111	S00-7716	92	S83-0526	111	S83-2669	92	S83-7602	81
R02-7002	83	S00-2544	76	S00-7750	91	S83-0527	111	S83-2670	92	S83-9215	102
R02-7003	83	S00-3062	91	S00-8170	93	S83-0528	111	S83-2671	92	S83-9321	90
R02-7024	107	S00-3063	91	S00-8432	89	S83-0529	111	S83-2672	101	S83-9334	77
R02-8336	83	S00-3290	91	S00-9000	80	S83-0572	88	S83-2723	102	T70-0623	82
R02-8337	83	S00-3291	91	S00-9214	96	S83-0578	97	S83-2724	102	T70-2366	83
R02-8338	83	S00-3292	91	S03-4759	92	S83-0634	108	S83-2735	103	T70-2367	83
R02-8339	83	S00-3293	91	S03-5895	92	S83-0654	100	S83-2736	103	T70-2508	83
R02-8340	83	S00-3294	91	S03-6604	93	S83-0709	44	S83-2737	103	T70-2877	70
R02-8341	83	S00-3295	91	S03-6605	93	S83-0709	98	S83-2758	103	T70-9957	64
R02-8342	83	S00-3296	91	S03-6606	93	S83-0765	88	S83-2759	104	V01-1153	103
R02-8343	83	S00-3297	91	S03-6607	93	S83-0765	100	S83-2810	109	V01-4056	106
R02-8344	83	S00-3298	91	S03-6608	93	S83-0782	89	S83-2811	109	V01-4057	106
R02-8345	83	S00-3299	91	S13-0005	97	S83-0838	83	S83-2812	109	V01-4058	106
R02-8346	83	S00-3300	91	S13-0464	88	S83-0845	24	S83-2813	109	V01-4059	106
R02-8347	83	S00-3301	91	S13-0582	92	S83-0856	101	S83-2814	109		
R02-8348	83	S00-3302	91	S13-0668	92	S83-0859	107	S83-2815	109		
R02-8349	83	S00-3303	91	S13-0804	89	S83-0901	107	S83-2816	109		
R02-8350	83	S00-3304	91	S13-0806	88	S83-0902	101	S83-2817	109		
R02-8351	83	S00-3305	91	S13-1071	94	S83-0903	101	S83-2818	109		
R02-8352	83	S00-3306	91	S13-1200	88	S83-0912	65	S83-2819	109		
R02-8353	83	S00-3307	91	S13-1237	90	S83-0914	65	S83-2824	109		



Specialist tooling and equipment



020 8833 2626



sales@millsltd.com

Mills Ltd. Unit 2, Zodiac Business Park,
High Road, Cowley, Uxbridge, UB8 2GU, UK



INVESTORS
IN PEOPLE | Platinum
Until 2022



INCA
the independent networks cooperative association

