

T O O L I N G A N D  
A C C E S S O R I E S



T O O L I N G & A C C E S S O R I E S



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# TOOLING



SPANNER & TOOL KIT



RPS13/17-6SH



RPS13/17-6H

SPANNER

Features:

- + 13mm across flats and 17mm across flats in one spanner.
- + Reversible ratchet.
- + Suits all sizes of insulation piercing connectors (TTD and NTD) for cables 1.5mm<sup>2</sup> up to 240mm<sup>2</sup>, most strain clamps and some suspension clamps.
- + 6 point hex (double sided)

Product Number	Overall Length (mm)
RPS13/17-6SH	197
RPS13/17-6H	267



TBLVABC



TOOL BAG

LVABC TOOL KIT AND PLASTIC TOOL BAG

Linesman's plastic tool bag can be purchased separately or as a complete kit with tools.

Product Number	Contents
TOOL BAG	Linesman's plastic tool bag
TBLVABC	Linesman's LVABC tool kit: 1 x Linesman's plastic tool bag 1 x RPS13/17-6H 1 x PPI514 1 x CIE100 4 x PMR87



These tools provide linesmen with a reliable means of installing all insulation piercing connectors.



**RE-USABLE INSULATED CABLE TEST POINT**

Re-usable insulated cable test point. Suitable for cable ranges up to 150mm<sup>2</sup>.

Product Number
PPI514



**CORE SEPARATION TOOL**

Core separation tool suitable for LVABC up to and including 4 x 95mm<sup>2</sup>.

Product Number
CIE100



**CORE SEPARATION WEDGE**

Core separation wedge suitable for LVABC up to and including 4 x 95mm<sup>2</sup>.

Product Number
PMR87



**T HANDLED ALLEN KEY**

T handled 5mm allen key driver, insulated handle. Suitable for popular tee joint style ring connectors.

Product Number
TBOX 5MM

CUTTERS, STRIPPERS & TESTERS



RATCHET CABLE CUTTER

Conductor range: up to 4 x 95mm<sup>2</sup> LVABC  
Ideal for cutting bundled LVABC service and mains cables.

Not suitable for high tensile steel.

Product Number	Conductor Range
RCC-42	4 x 95 mm <sup>2</sup> LVABC

CABLE END SEALS



Cable end seals. Easy push on cap providing complete waterproofing of cable ends.

Only two sizes required to cover entire range of LVABC cables.

Product Number	Cable Size (mm <sup>2</sup> )	Diameter of cable (mm)	Length L (mm)	Pack Size
CES1	16 to 70	7.5 to 13.5	45	50
CES2	95 to 150	16.5 to 21.0	45	50



CABLE STRIPPERS

Specially designed to strip LVABC

Product Number	Cable Size (mm <sup>2</sup> )
CS095	95
CS150	150



VOLTAGE DETECTOR

Non contact audible, visual, vibrating voltage tester  
70-600 Vac  
Microwave leakage detection > 5mW/cm  
Includes 4 LR44 batteries

Product Number
VS-MS47VH



STRINGING TOOLS



**12870 Service Cable Come-along**

Conductor Type: LVABC  
 2 core cable range: 16mm<sup>2</sup> to 50mm<sup>2</sup>  
 4 core cable range: 16mm<sup>2</sup> to 35mm<sup>2</sup>  
 Bundle OD range: 8 to 25mm  
 Max working load: 5kN  
 Failing Load: 12.5kN Weight: 0.9kg

Product Number  
**12870**



**12887 Service/Mains Cable Come-along**

Conductor Type: LVABC  
 2 core cable range: 16mm<sup>2</sup> to 50mm<sup>2</sup>  
 4 core cable range: 16mm<sup>2</sup> to 35mm<sup>2</sup>  
 Bundle OD range: 8 to 25mm  
 Max working load: 5kN  
 Failing Load: 12.5kN Weight: 0.9kg

Product Number  
**12887**



**SCBT38 Mains Cable Come-along**

Conductor range: 4 x 95mm<sup>2</sup>  
 Conductor type: LVABC  
 Max working load: 8kN  
 Failing Load: 25kN Weight: 3.8kg

Product Number  
**SCBT38**



**BCCA-495150-3 Mains Cable Come-along**

Conductor range: 4x95mm<sup>2</sup> to 4 x 150mm<sup>2</sup>  
 Conductor type: Bundled LVABC  
 Max working load:  
 Failing Load: Weight: 6.3kg

Product Number  
**BCCA-495150-3**



**MR5341 Mains Cable Come-along**

Conductor range: 4 x 95mm<sup>2</sup>  
 Conductor type: LVABC  
 Max working load: 20kN  
 Failing Load: 32kN Weight: 5.0kg

Product Number  
**MR5341**



**5340 Mains Cable Come-along**

Conductor range: 4 x 25mm<sup>2</sup> to 4 x 50mm<sup>2</sup>  
 Conductor type: LVABC  
 Max working load: 20kN  
 Failing Load: 35kN Weight: 5.0kg

Product Number  
**5340**



**1685-31 Mains Cable Come-along**

Conductor range: 2 x 25mm<sup>2</sup> to 2 x 95mm<sup>2</sup>  
 Conductor type: LVABC  
 Max working load: 29kN  
 Failing Load: 46kN Weight: 2.3kg

Product Number  
**1685-31**



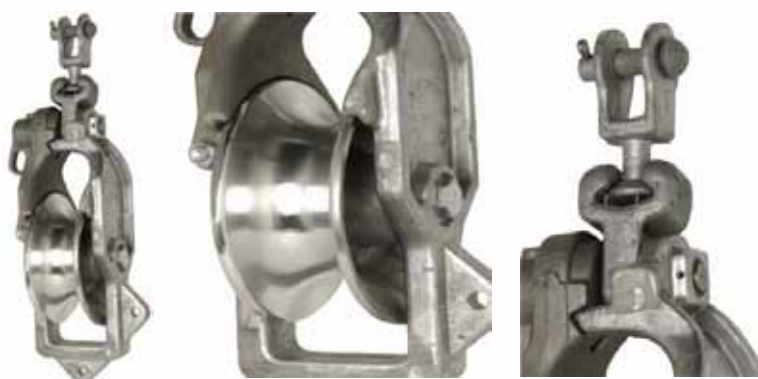
STRINGING TOOLS



SERVICE TENSIONER

- + Utilised for tensioning of LV ABC service cables.
- + Max extended length of 2m.
- + Working load 400kg.
- + Able to be locked when loaded.
- + Utilises compound pulley system with a mechanical advantage of 3.

Product Number  
CLA PST



STRINGING ROLLER BLOCK

Working load: 1134kg  
Weight: 4.5kg  
Sheave diameter: 178mm  
Groove diameter: 53mm  
Groove depth: 30mm

Comes with Aluminium ball and clevis.

For complete specifications and accessories, please call Sicame.

Product Number  
6707 / BC



LUGALL

- + 1360kg max capacity
- + Step reverse feature
- + Complete with bag
- + Light weight: 4.5kg

Product Number  
TOOL-LUGALL 30A-1300



OXIDE REMOVAL BRUSH

Brush for use on conductors to remove oxide film prior to crimping of cable lugs. This is a safe and efficient method for removing oxide film from conductors.

Product Number	Painted Colour	Conductor Type
ORB-1	Black	Copper
ORB-2	White	Aluminium



**RIPPER - CABLE SHEATH REMOVER**

The all metal, multi-grip handle can be gripped outside or inside, right & left hand. Cuts most plastic insulation cold. Apply heat and the toughest hardest plastic cuts like butter. Cuts any shape any direction, no limit to diameter or length. Blade can be sharpened or replaced.

Replacement blades available.

Product Number
RIPPER



**MINI INSULATED CORE SEPARATOR**

Designed to aid the separation of cores during jointing, these wedges are moulded in Nylon to resist detrimental wear at the tip during normal use. The thumb-and-finger grip assists insertion and removal, but it's small enough not to obstruct work on and around the joint.

Product Number	Overall Length (mm)	Weight (g)
JTN/1	130	25



**INSULATED CORE WEDGE**

Designed to aid the separation of cores during jointing, these wedges are moulded in Nylon to resist detrimental wear at the tip during normal use. The thumb-and-finger grip assists insertion and removal, but it's small enough not to obstruct work on and around the joint.

Product Number	Overall Length (mm)	Weight (g)
JTN/2	160	52



**INSULATED CORE SEPARATOR & WEDGE**

Ideal for 3 core sector cables when a standard wedge cannot be employed.

Product Number	Overall Length (mm)	Weight (g)
JTN/3	262	87

JTN TOOLS



“HEPNYF” PLASTIC HACK-KNIFE

Developed for stripping the lead sheath and removal of the bedding compound from cable. A clean cut can be made without damage to the underlying insulation, allowing the sheath of live cables to be safely removed. The blade can be re-sharpened with a file.



Product Number	Overall Length (mm)	Depth of blade (mm)	Weight (g)
JTN/4	242	39	114
JTN/4A	248	39	178

INSULATED BELLING-TOOL FOR CABLE SHEATHS



The Belling-Tool has been developed to enable jointers to bell cable earth sheaths during live jointing, where avoiding damage to insulation and observance of safety procedures are of primary importance. The tool is suitable for use on both lead and aluminium sheaths, although extra care is recommended when belling aluminium in order to avoid tearing.

Product Number	Overall Length (mm)	Weight (g)
JTN/5	113	33

MINI “HEPNYF” INSULATED HACK-KNIFE



The fully insulated Mini-Hepnyf has been developed to compliment the standard Hepnyf and has a particular beneficial application in the stripping of lead sheath from small PILC service cables, and the removal of mastic bedding on all types of waveform cables.



When stripping lead sheath the blade is so shaped that, with normal care, a clean cut can be made without damage to the underlying insulation, allowing the sheath of live cables to be safely removed

The blade of the Mini-Hepnyf can easily be re-shaped with a file.

Product Number	Overall Length (mm)	Weight (g)
JTN/6	196	75
JTN/6A	202	139



JTN TOOLS & CONNECTOR HOLDING TOOL



**'HEPSAW' INSUALATED HACK-KNIFE**

The primary application of the 'Hepsaw' is for the removal or re-enterable resin from LV or MC cable joints.



Product Number	Overall Length (mm)	Weight (g)
JTN/7	242	80
JTN/7A	248	120

**CONNECTOR HOLDING TOOLS**

The Connector Holding Tool has been designed and developed to accomodate an extensive range of LV & MV mechanical connectors.

It has a unique floating pad which allows it to grip connectors of an irregular chap, this assists in the insertion of the mechanical connector during the process of torque tightening the shear bolts.



Product Number	Overall Length (mm)	Weight (g)
JTS/22	325 - 400	1230





936-MK3



## CONSAC SHEATH CUTTING TOOL

Designed to cut the aluminium sheath on consac cable to facilitate jointing and terminating.

- + The tool provides a safe and accurate scoring of the sheath without the risk of cutting the insulation papers
- + Exact cutting depths are achieved when using the different size cutting wheels
- + 'T' handle is available to assist the operation of the tool
- + Consac Sheath Punch is available in 3 sizes – 7mm, 10mm or 12mm
- + Complete sheath cutting kit in plastic case available on request

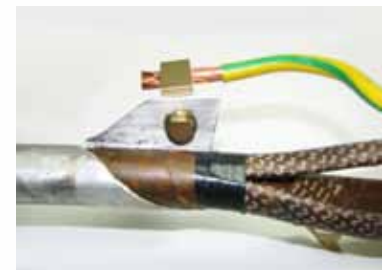
Product Number
936-MK3



HP7



HP12



## PUNCHES

Punches a clean hole through the consac neutral sheath to allow application of mechanical earth connectors NET/1.

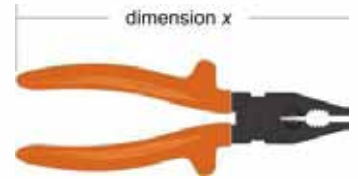
- + Punches to suit M6, M8 & M12 bolts
- + Easy to operate
- + Extended lever arm to give mechanical advantage

Product Number
HP7
HP10
HP12



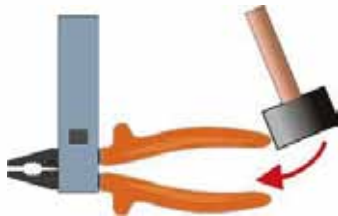
**DIMENSIONS**

IEC 60900 requires that all tools comply with various dimensional standards, to ensure that the tools meet important ergonomic design principles and are safe and easy to use. (Clause 5.3)



**1000V INSULATED TOOLS**

**IEC 60900 TESTED**

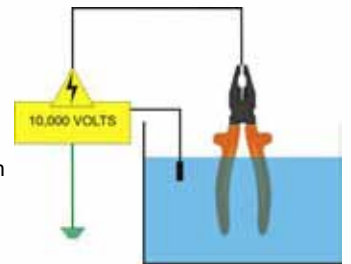


Each type of tool is subjected to an impact test to ensure the insulation can withstand normal daily wear and tear without serious damage. Impact tests are carried out at ambient, low and extremely low temperatures. (Clause 5.4)

**IMPACT**

**DIELECTRIC STRENGTH**

The dielectric test proves the integrity and performance of the tool's insulation. After conditioning in a water bath or wet chamber for 24 hrs, 10kV is applied for 3 minutes to the tool whilst it is immersed. The leakage current is measured and checked for compliance, the value of which depends on the type and size of tool. (Clause 5.5)



An indentation test is carried out to ensure the tool's insulating properties are retained after being subjected to a point impact. After the impact, the insulation must withstand 5kV for 3 minutes without puncture, sparkover or flashover. (Clause 5.6)

**INDENTATION**

**ADHESION**

The adhesion test ensures that the tool's insulating coat will not slip, move or separate from the metal parts of the tool. After conditioning at 70 deg C for 168 hours, the tool is allowed to cool to an ambient temperature, then various forces are applied to test the adhesion properties and performance. (Clause 5.7)



Each type of tool is subjected to mechanical tests to ensure compliance with various ISO or national standards and to ensure the tool has the necessary mechanical strength for its intended application.

**MECHANICAL**



Orange, flame retardant PVC insulating outer layer with anti-slip treatment.

Tough, impact resistant, white inner insulating layer, bonded to metal

Primary adhesive layer

Finger guard bonded to tool as part of the inner insulation layer



### INSULATED PHASE TESTER SCREWDRIVER

- + Phase detection from 127V.
- + Maximum voltage 1000V.
- + Signalling by intermittent lighting through ultra high intensity diode.
- + Works with an un-removable lithium battery.
- + 3 year battery life

Product Number	Description	Weight (g)
MO-65222	Flat blade 4 x 85mm	65



### FLAT BLADE SCREWDRIVERS

- + Chrome - molybdenum vanadium steel blade

Product Number	Description	Weight (g)
MO-65203	3mm blade x 100mm	33
MO-65204	3.5mm blade x 100mm	37
MO-65205	4mm blade x 100mm	46
MO-65206	5.5mm blade x 125mm	75
MO-65207	6.5mm blade x 150mm	94
MO-65209	8mm blade x 175mm	165
MO-65211	10mm blade x 200mm	195



### POZIDRIV SCREWDRIVERS

- + Chrome - molybdenum vanadium steel blade

Product Number	Description	Weight (g)
MO-65240	3mm N°0 head x 60mm	25
MO-65242	4.5mm N°1 head x 80mm	50
MO-65244	6mm N°2 head x 100mm	75
MO-65246	8mm N°3 head x 150mm	150
MO-65248	10mm N°4 head x 200mm	230



### PHILLIPS SCREWDRIVERS

- + Chrome - molybdenum vanadium steel blade

Product Number	Description	Weight (g)
MO-65230	3mm N°0 head x 60mm	25
MO-65232	4.5mm N°1 head x 80mm	50
MO-65234	6mm N°2 head x 100mm	75
MO-65236	8mm N°3 head x 150mm	150
MO-65238	10mm N°4 head x 200mm	230





**UNIVERSAL PLIERS**

- + Special tool steel, oil hardened.
- + Burnished head

Product Number	Overall length (mm)	Weight (g)
MO-66001	160	210
MO-66002	180	260
MO-66003	200	300
MO-66005*	250	510



**FLAT NOSE PLIERS**

- + Special tool steel, oil hardened.
- + Burnished head

Product Number	Overall length (mm)	Weight (g)
MO-66300	145	115
MO-66302	180	160



**ROUND NOSE PLIERS**

- + Special tool steel, oil hardened.
- + Burnished head

Product Number	Overall length (mm)	Weight (g)
MO-66202	160	150



**BENT SNIPE NOSE PLIERS**

- + Chrome-vanadium steel.
- + Burnished head

Product Number	Overall length (mm)	Weight (g)
MO-66402	160	160
MO-66404	200	185





### LONG NOSE PLIERS WITH SIDE CUTTER

- + Special tool steel, oil hardened.
- + Burnished head

Product Number	Overall length (mm)	Weight (g)
MO-66102	160	145



### PLUG PLIERS FOR PRE-INSULATED PIN TERMINALS

- + Chrome-vanadium steel for 2.8, 5, 6.35mm pin terminals.

Product Number	Overall length (mm)	Weight (g)
MO-66105	200	200



Standard type

### WATERPUMP PLIERS

- + Chrome-vanadium steel.
- + Burnished head

Product Number	Overall length (mm)	Weight (g)
MO-66502	250	410



Box joint pliers

Product Number	Overall length (mm)	Weight (g)
MO-66505	250	405



### SIDE CUTTERS

- + Special carbon steel.
- + Oil hardened.
- + Burnished head.

Product Number	Overall length (mm)	Cutting capacity (mm)		Weight (g)
		Soft 80Kg/mm <sup>2</sup>	Hard 140Kg/mm <sup>2</sup>	
MO-67101	140	Ø 2	Ø 1	150
MO-67102	160	Ø 2.5	Ø 1.5	180
MO-67103	180	Ø 3	Ø 2.5	210



MO-67401, MO-67402



MO-67404

**END CUTTING PLIERS**

- + Special carbon steel.
- + Oil hardened.
- + Burnished head.

Product Number	Overall length (mm)	Cutting capacity (mm)		Weight (g)
		Soft 80Kg/mm <sup>2</sup>	Hard 140Kg/mm <sup>2</sup>	
MO-67401	140	Ø 1	Ø 2	165
MO-67402	160	Ø 2	Ø 3	210
MO-67404	200	Ø 3	Ø 4	450



**CABLE CUTTER**

- + Chrome-vanadium.
- + Forged steel.

Product Number	Overall length (mm)	Cutting capacity (mm)	Weight (g)
MO-67500	170	Maximum Ø 4	420



MO-67501



MO-67502

**CABLE CUTTERS**

- + Chrome-vanadium.
- + Forged steel.
- + Oil-hardened.

Product Number	Overall length (mm)	Cutting capacity (mm)	Weight (g)
MO-66501	170	Maximum Ø 15	285
MO-66502	230	Maximum Ø 20	520



MO-67599



MO-67601

**RATCHET CABLE CUTTERS**

- + For copper and aluminium cables only.
- + Treated forged steel blade.

Product Number	Cutting capacity (max)	Weight (g)
MO-67599	Ø 32mm/ 180mm <sup>2</sup> Cu 250mm <sup>2</sup> Al	900
MO-67600	Ø 38mm/ 240mm <sup>2</sup> Cu 300mm <sup>2</sup> Al	950
MO-67601	Ø 55mm/ 300mm <sup>2</sup> Cu 450mm <sup>2</sup> Al	975



### PARROT BEAK STYLE CABLE CUTTER

- + For copper and aluminium only.
- + Treated forged steel blade.

Product Number	Cutting capacity	Weight (g)
MO-67611	Ø 24mm / 150mm <sup>2</sup> Cu 180mm <sup>2</sup> Al	790



### HACKSAW

- + Protected hard forged steel.
- + Two blade positions.
- + Flushed and 90° cutting angle.
- + Delivered with 2 blades..

Product Number	Blade length (mm)	Overall length (mm)	Weight (g)
MO-64502	300	450	780



### STRIPPING PLIERS FOR L.V. CABLES

- + Aluminium casting plier.
- + To strip L.V. twisted cables.
- + Blade depth adjustable.
- + For use on LVABC cable.

Product Number	Overall length (mm)	Stripping capacity	Weight (g)
MO-67304	220	from 16 to 150mm <sup>2</sup>	470



### STRIPPING PLIERS FOR L.V. CABLES

- + Aluminium casting plier.
- + To strip L.V. cables.
- + Blade depth adjustable.
- + For use on LVABC cable.

Product Number	Overall length (mm)	Stripping capacity	Weight (g)
MO-67305	265	From 16 to 150	650
MO-67306	270	From 50 to 240	670





### WIRE STRIPPING PLIERS

- + Chrome vanadium.
- + Burnished head..

Product Number	Overall length (mm)	Capacity (mm <sup>2</sup> )	Weight (g)
MO-67302	160	0.6 to 10	170



### STRIPPING KNIVES

- + Delivered with pouch.

Product Number	Blade length (mm)	Overall length (mm)	Weight (g)
MO-61001	62 (Straight)	190	110
MO-61002	50 (Curve)	190	110



### ADJUSTABLE SPANNER

- + Special tool steel.
- + Oil hardened.

Product Number	Overall length (mm)	Maximum capacity (mm)	Weight (g)
MO-69002	210	24	295
MO-69003	250	28	450
MO-69004	310	34	550
MO-69005	385	43	1350





### REVERSIBLE HEXAGONAL RATCHET HANDLE

- + Special tool steel.
- + Oil hardened.

Product Number	AF (mm)	Weight (g)
MO-69210	10	160
MO-69213	13	190
MO-69216	16	350
MO-69217	17	370
MO-69218	18	380
MO-69219	19	390



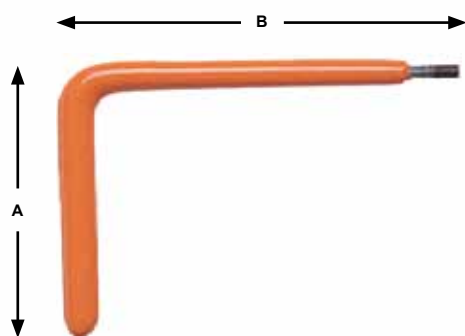
### COMBINATION WRENCH

- + Special steel sockets.

Product Number	4 hexagonal sockets		Weight (g)
	AF Sizes (mm)	Length (mm)	
MO-68702	8-10-12-14	150x150mm	260
MO-68703	7-9-11-13	150x150mm	250
MO-68704	8-10-13-17	150x150mm	260

### RIGHT ANGLE HEXAGONAL KEY WRENCH

- + Chrome-vanadium steel.



Product Number	4 hexagonal sockets			Weight (g)
	AF	A	B	
MO-69903	3	83	123	30
MO-69904	4	84	124	40
MO-69905	5	84	126	50
MO-69906	6	86	126	70
MO-69908	8	87	128	110
MO-69910	10	87	130	150
MO-69912	12	90	132	240



### HEXAGONAL SPANNER WITH T HANDLE

- + Chrome steel.
- + Length 130mm

Product Number	AF (mm)	Weight (g)
MO-68610	10	145
MO-68613	13	185
MO-68614	14	220



### OPEN END SPANNERS

+ Chrome vanadium steel.



Product Number	AF (mm)	Weight (g)
MO-68008	8	40
MO-68009	9	40
MO-68010	10	45
MO-68011	11	50
MO-68012	12	60
MO-68013	13	80
MO-68014	14	100
MO-68015	15	110
MO-68016	16	120
MO-68017	17	140
MO-68018	18	160
MO-68019	19	170

Product Number	AF (mm)	Weight (g)
MO-68020	20	185
MO-68021	21	200
MO-68022	22	220
MO-68023	23	250
MO-68024	24	260
MO-68025	25	280
MO-68026	26	300
MO-68027	27	340
MO-68028	28	360
MO-68029	29	400
MO-68030	30	500
MO-68032	32	570

Spanner Sets	Product Number	Product Number	Weight (g)
	MO-68008/19	Open end spanner set including 8, 10, 11, 12, 13, 14, 17, 19mm AF spanners	685

### CRANKED RING WRENCH

+ Chrome vanadium steel.



Product Number	AF (mm)	Weight (g)
MO-68107	7	35
MO-68108	8	40
MO-68109	9	45
MO-68110	10	50
MO-68111	11	65
MO-68112	12	80
MO-68113	13	100
MO-68114	14	120
MO-68115	15	150
MO-68116	16	180
MO-68117	17	190
MO-68118	18	195
MO-68119	19	200

Product Number	AF (mm)	Weight (g)
MO-68120	20	240
MO-68121	21	260
MO-68122	22	270
MO-68123	23	280
MO-68124	24	290
MO-68125	25	300
MO-68126	26	360
MO-68127	27	400
MO-68128	28	440
MO-68129	29	480
MO-68130	30	500
MO-68132	32	540



MO-69840/17

1/4" SOCKETS WRENCH SETS

+ Chrome steel.

Product Number	Description	Weight (g)
MO-69813	Socket 13mm AF - 1/4" drive	45
MO-69317	Socket 17mm AF - 3/8" drive	60
MO-69840	Extension 1/4" AF x 3/8" drive	60
MO-69512	Reversible ratchet - 1/4" drive	200
<b>MO-69813/ 17</b>	Complete socket set in plastic box 230 x 170 x 45	<b>365</b>

Product Number	Description	Weight (g)
MO-69810	Socket 10mm - 1/4"	35
MO-69813	Socket 13mm - 1/4"	45
MO-69317	Socket 17mm - 3/8"	60
MO-69840	Extension 1/4" - 3/8"	60
MO-69512	Reversible ratchet - 1/4"	200
<b>MO-69810/17</b>	Complete socket set in plastic box 230 x 170 x 45	<b>500</b>



INSULATED TOOL KITS

+ For most common operations

Product Number	Description
<b>KIT 03</b>	MO-65242 - Pozidriv screwdriver* No 1 4.5 x 80mm
	MO-65244 - Pozidriv screwdriver* No 2 6 x 100mm
	MO-65204 - Flat blade screwdriver 3.5 x 100mm
	MO-65206 - Flat blade screwdriver 5.5 x 125mm
	MO-65209 - Flat blade screwdriver 8 x 175mm



REVERSIBLE RATCHET

Product Number	Description	Weight (g)
MO-69513	Reversible Ratchet - Suits 3/8" sockets	600
MO-69514	Reversible Ratchet - Suits 1/2" sockets	600





MO-69543



MO-69308/23



MO-69524

3/8" & 1/2" DRIVE SOCKETS, SETS AND ACCESSORIES

+ Chrome steel.

SOCKETS 3/8" DRIVE - 6 SIDED

Product Number	Description	Weight (g)
MO-69306	6mm AF socket	25
MO-69307	7mm AF socket	30
MO-69308*	8mm AF socket	30
MO-69309	9mm AF socket	30
MO-69310*	10mm AF socket	35
MO-69311	11mm AF socket	35
MO-69312*	12mm AF socket	35
MO-69313*	13mm AF socket	45
MO-69314*	14mm AF socket	45
MO-69315	15mm AF socket	50
MO-69316	16mm AF socket	55
MO-69317*	17mm AF socket	60
MO-69318	18mm AF socket	65
MO-69319*	19mm AF socket	70
MO-69321*	21mm AF socket	85
MO-69322*	22mm AF socket	90
MO-69323*	23mm AF socket	100
MO-69513*	Reversible ratchet	600
MO-69523*	130mm extension	124
MO-69533	250mm extension	270
MO-69542	130mm T wrench	220
MO-69543	200mm T wrench	380
MO-69308/ 23	Socket set comprising items marked * in plastic box 410 x 120 x 75	1250

SOCKETS 1/2" DRIVE - 12 SIDED

Product Number	Description	Weight (g)
MO-69408*	8mm AF socket	60
MO-69410*	10mm AF socket	60
MO-69411	11mm AF socket	60
MO-69412*	12mm AF socket	70
MO-69413*	13mm AF socket	70
MO-69414*	14mm AF socket	70
MO-69415	15mm AF socket	75
MO-69416	16mm AF socket	75
MO-69417	17mm AF socket	80
MO-69418	18mm AF socket	80
MO-69419*	19mm AF socket	85
MO-69420	20mm AF socket	90
MO-69421*	21mm AF socket	100
MO-69422*	22mm AF socket	100
MO-69423*	23mm AF socket	115
MO-69424	24mm AF socket	130
MO-69430	30mm AF socket	160
MO-69514*	Reversible ratchet	600
MO-69524*	125mm extension	250
MO-69534	250mm extension	435
MO-69544	300mm T wrench	520
MO-69408/ 23	Socket set comprising items marked * in plastic box 410 x 120 x 75	1500

\* Sockets composing the sets

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**LONG SERIES SOCKETS, 3/8" DRIVE**

+ 65mm length.

Product Number	AF (mm)	Weight (g)
MO-69610	10	75
MO-69613	13	80
MO-69614	14	100
MO-69616	16	115
MO-69617	17	125
MO-69618	18	140
MO-69619	19	160
MO-69621	21	190



**U.S STANDARD SOCKETS, 3/8" DRIVE**

+ Chrome steel.

Product Number	AF (mm)	Weight (g)
MO-69735	3/8"	25
MO-69736	7/16"	30
MO-69737	1/2"	35
MO-69738	9/16"	35
MO-69739	5/8"	42
MO-69740	11/16"	50
MO-69741	3/4"	55
MO-69742	13/16"	60



**6 SIDED MALE HEX KEY SOCKET, 3/8" DRIVE**

Product Number	AF (mm)	Weight (g)
MO-69393	3	45
MO-69394	4	55
MO-69395	5	60
MO-69396	6	65
MO-69397	7	70
MO-69398	8	70



**INSULATED TORQUE WRENCH, 3/8" DRIVE**

+ Capacity: 8 to 54 Nm (ibF Ft: 5-40).  
 + Length: 325mm  
 + Tolerance: 4%.

Product Number	Description	Weight (g)
MO-69050	8 to 54 Nm	790



### CONTRACTORS TOOL BAG

Product No: M-87370

- + For intervention works
- + Strong waterproof, canvas reinforced bottom
- + Large capacity of storage with shoulder strap



### CONTRACTORS 1000V INSULATED TOOL KIT

Product No: TKC - 1000V -1

- + Complete equipment requirements for level 2 service providers
- + Tool bag included
- + Tool kit comprises of the following items indicated in table

Product Number	Description
<b>Tool Bag</b>	
◆ M-87370	1 tool bag
<b>Personnel Equipment</b>	
◆ MO-11001	1 pair safety glasses
◆ CG-98-*	1 pair working gloves
◆ CG-80-H	1 pair cotton under-gloves
<b>Insulating Gloves &amp; Accessories</b>	
◆ CG-10-*	1 pair 1000v insulated gloves
◆ CG-36	1 carry bag for insulated gloves
<b>Insulated tools</b>	
◆ MO-61001	1 stripping knife (curved blade)
◆ MO-65203	1 flat blade screwdriver 3x100mm
◆ MO-65206	1 flat blade screwdriver 5.5x125mm
◆ MO-65209	1 flat blade screwdriver 8x175mm
◆ MO-65222	1 phase tester screwdriver 4x85mm
◆ MO-65230	1 Phillips screwdriver N° 0
◆ MO-65234	1 Phillips screwdriver N° 2
◆ MO-65238	1 Phillips screwdriver N° 4
◆ MO-66003	1 universal pliers 200mm
◆ MO-66102	1 long nose pliers 160mm
◆ MO-67103	1 side cutter 180mm
◆ MO-68013	1 open ended spanner 13mm
◆ MO-68017	1 open ended spanner 17mm
◆ MO-68019	1 open ended spanner 19mm
◆ MO-68113	1 ring spanner 13mm
◆ MO-68117	1 ring spanner 17mm
◆ MO-68119	1 ring spanner 19mm
◆ MO-69003	Adjustable wrench
◆ MO-69313	1 3/8" drive-6 sided socket 13mm
◆ MO-69317	1 3/8" drive-6 sided socket 17mm
◆ MO-69319	1 3/8" drive-6 sided socket 19mm
◆ MO-69513	1 3/8" reverse ratchet
◆ MO-69523	1 3/8" 130mm Ext bar

◆ Prefixed by CATU

\* Gloves available in 4 sizes A=8, B=9, C=10 & D=11