



Earth rod hammer

Description	Weight each	Part No.
Atlas Copco Cobra TT petrol driven hammer	24kg	HM005
Earth rod adapter (Suitable for 5/8" and 3/4" Earth rods)	0.7kg	HM010

For projects where hand driving is uneconomical owing to a large quantity of rods or unfavourable ground conditions, the earth rod hammer can drastically cut installation times.



Hammer rig

Description	Weight each	Part No.
Hammer rig	196.35kg	HM105

By mounting a hammer onto a rig, longer lengths of earth rods can be driven.

For projects where large quantities of rods are required cost savings can be achieved, for example, by using single 8ft rods rather than 2 x 4ft rods which would need couplers etc. Installation time is also considerably reduced.

Please specify length of rod to be driven and type of hammer to be used when ordering.

DET10C Earth resistance tester

Description	Weight each	Part No.
Clamp-on earth resistance tester	0.75kg	DET10C

The DET10C measures earth/ground resistance and current flow by the clamp-on method, with capability for taking ground resistance readings from 0.025Ω to 1550Ω and for measuring ground leakage current from 0.2mA to 35A. With its extra large jaws (35mm) and its light weight the DET10C is the ideal entry level testing solution.



DET3TC Earth resistance tester

Description	Weight each	Part No.
Digital earth resistance tester	1.0kg	DET3TC

The DET3TC is a three-terminal digital model that includes Attached Rod Technique (ART) capability. The DET3TC is capable of measuring ground resistance from 0.01Ω to 2000Ω and earth voltages up to 100V.

With the optional clamp, it will read ground current from 0.5mA to 19.9A. This unit is supplied complete with carrying case, test leads and probes.



DET4TD2 Earth resistance tester

Description	Weight each	Part No.
Digital earth resistance tester	1.0kg	DET4TD2

The DET4TD2 is capable of 2 pole, 3 pole or 4 pole testing and is designed to measure ground resistance from 0.01Ω to 20,000Ω. The instrument also includes a voltmeter to measure ground voltages up to 100V.

This unit is supplied complete with test leads, stakes, batteries and calibration certificate.



DET2/2 Earth resistance tester

Description	Weight each	Part No.
Digital earth resistance tester	5.0kg	DET2/2

The DET2/2 is a four-terminal digital model designed to operate in the most difficult (and electrically noisy) of test environments and for use on large, critical ground systems. This model has an extra digit of resolution (to 0.001) on readings and includes an interference filter, test current control and, most importantly, adjustable test current frequency (105-160Hz). As a four-terminal unit, the DET2/2 can also be used to make earth resistivity measurements.





Medium duty stainless steel earthing clamp

Description	Jaw opening	Cable length (max.)	Weight each	Part No.
Medium duty earthing clamp	15mm	3m	0.56kg	SK010

Clamp Certification II 1 GD T6

Medium duty stainless earthing clamp for earthing buckets, small drums, containers and plant equipment etc. Clamp features twin tungsten carbide teeth for effective penetration of paint and contamination.

Supplied complete with chemically resistant Cen-Stat 3m Spiral Cable and 10mm ring terminal.



Heavy duty stainless steel earthing clamp

Description	Jaw opening	Cable length (max.)	Weight each	Part No.
Heavy duty earthing clamp	35mm	5m	1.09kg	SK020

Clamp Certification II 1 GD T6 FM Approved

Heavy duty stainless earthing clamp for earthing 205 litre drums, IBCs, production vessels and road tankers etc. Clamp features twin tungsten carbide teeth for effective penetration of paint and contamination.

Supplied complete with chemically resistant Cen-Stat 5m Spiral Cable and 10mm ring terminal.



Medium duty stainless steel earthing clamp & reel

Description	Jaw opening	Cable length (max.)	Weight each	Part No.
Medium duty earthing clamp & reel	15mm	6.1m	3kg	SK030

Clamp Certification II 1 GD T6

Reel Certification II 1 GD T6

Medium duty stainless earthing clamp for earthing buckets, small drums, containers and plant equipment etc. Clamp features twin tungsten carbide teeth for effective penetration of paint and contamination.

Supplied complete with 6.1m retracting cable reel.



Heavy duty stainless steel earthing clamp & reel

Description	Jaw opening	Cable length (max.)	Weight each	Part No.
Heavy duty earthing clamp & reel	35mm	15.2m	6kg	SK040

Clamp Certification II 1 GD T6 FM Approved

Reel Certification II 1 GD T6

Heavy duty stainless earthing clamp for earthing 205 litre drums, IBC's, production vessels and road tankers. Clamp features twin tungsten carbide teeth for effective penetration of paint and contamination.

Supplied complete with 15.2m retracting cable reel.

Hydraulic crimping tool

Description	Weight each	Part No.
Hand operated 13 ton tool with carrying case	8kg	HT010

(Dies are not included)

Self-contained hydraulic crimping tool used for jointing and terminating copper, aluminium and ACSR conductors.

- Crimping force 130kN
- Two stage 'rapid-ram' advance mechanism for fast installation
- Short fibreglass handle for combined work spaces
- Accepts most U-Type dies of equivalent tonnage
- 180 degree head rotation
- Includes carrying case
- See page 99 for die details

(Dies are not included)



Hydraulic crimping head and pump

Description	Weight each	Part No.
15 ton hydraulic tool with carrying case	5.5kg	HT020
Foot operated hydraulic pump with carrying case	16.5kg	HT030

Self-contained hydraulic crimping tool used for jointing and terminating copper, aluminium and ACSR conductors.

- Crimping force 230kN, maximum operating pressure 700 bar
- Hydraulic head complete with quick automatic coupler for connection to pump
- Accepts most U-Type dies of equivalent tonnage
- Pump supplied with 3m long high pressure flexible hose
- Each supplied with carrying case
- See page 99 for die details

(Dies are not included)





Battery powered hydraulic crimping tool

Description	Weight each	Part No.
Battery powered, open head 14 ton tool	10.6kg	HT040

This self-contained, compact, cordless hydraulic tool makes crimping easy with its lightweight single handed design.

- Crimping force 130kN
- Two stage 'rapid-ram' advance mechanism for fast installation
- Accepts most U-Type dies of equivalent tonnage
- 180 degree head rotation
- See page 99 for die details

The tool is supplied with:

- Basic tool complete with battery
- Shoulder strap
- Spare battery (14.4V 3.0Ah)
- Battery charger
- Carrying case suitable for storing up to 14 sets of dies

(Dies are not included)



Battery powered hydraulic cutting tool

Description	Weight each	Part No.
Battery powered 6 ton cutting tool	6.5kg	HT050

This self-contained, compact, cordless hydraulic tool makes cutting copper, aluminium, ACSR and steel earth rods easy with its lightweight single handed design.

- Two stage 'rapid-ram' advance mechanism for fast installation
- Maximum cutting diameter of 25mm
- Blades manufactured from high strength special steel, heat treated to ensure a long service life
- 180 degree head rotation

The tool is supplied with:

- Basic tool complete with battery
- Battery wrist strap and shoulder strap
- Spare battery (14.4V 3.0Ah)
- Battery charger
- Carrying case suitable for storing tool and accessories

Die to suit tool type HT010 and HT040

Main conductor	Conductor range	Weight each	Part No.
10mm ²	1.5 – 10mm ²	1.70kg	HD100
16mm ²	1.5 – 16mm ²	1.70kg	HD200
16 – 25mm ²	1.5 – 10mm ²	1.60kg	HD200
25mm ²	16 – 25mm ²	1.60kg	HD200
35mm ²	1.5 – 16mm ²	1.60kg	HD300
35mm ²	25 – 35mm ²	1.60kg	HD300
70mm ²	1.5 – 25mm ²	1.50kg	HD300
50mm ²	4 – 25mm ²	1.50kg	HD400
50mm ²	35 – 50mm ²	1.50kg	HD400
50 – 70mm ²	4 – 35mm ²	1.50kg	HD400
50 – 70mm ²	35 – 70mm ²	1.50kg	HD400
95mm ²	4 – 35mm ²	1.40kg	HD500
95mm ²	35 – 70mm ²	1.40kg	HD500
95mm ²	70 – 95mm ²	1.40kg	HD500
120mm ²	25 – 120mm ²	1.25kg	HD600
150mm ²	25 – 120mm ²	1.25kg	HD600
150mm ²	70 – 150mm ²	1.25kg	HD600
185mm ²	16 – 95mm ²	1.25kg	HD600



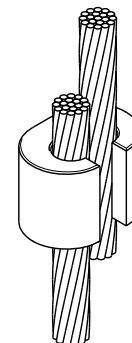
Die to suit tool type HT020 and pump HT030

Main conductor	Conductor range	Weight each	Part No.
120 – 185mm ²	120 – 185mm ²	2.63kg	HD700
150 – 240mm ²	95 – 120mm ²	2.63kg	HD700

Manufactured from high quality stainless steel.

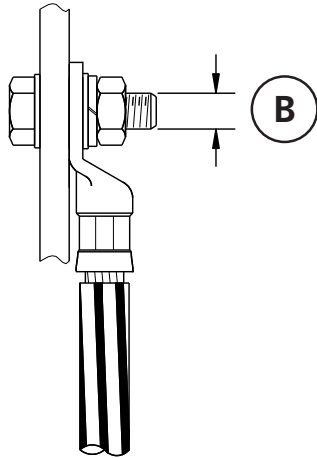
"C" Shape connectors

Main conductor	Conductor range	Box quantity	Weight each	Part No.
10mm ²	1.5 – 10mm ²	100	0.06kg	CN1010
16mm ²	1.5 – 16mm ²	100	0.19kg	CN1616
16 – 25mm ²	1.5 – 10mm ²	50	0.21kg	CN2510
25mm ²	16 – 25mm ²	50	0.22kg	CN2525
35mm ²	1.5 – 16mm ²	25	0.39kg	CN3516
35mm ²	25 – 35mm ²	25	0.39kg	CN3535
50mm ²	4 – 25mm ²	25	0.90kg	CN5025
50mm ²	35 – 50mm ²	25	0.90kg	CN5050
70mm ²	1.5 – 25mm ²	25	0.36kg	CN7025
50 – 70mm ²	4 – 35mm ²	25	0.97kg	CN7035
50 – 70mm ²	35 – 70mm ²	25	0.91kg	CN7070
95mm ²	4 – 35mm ²	25	1.50kg	CN9535
95mm ²	35 – 70mm ²	25	1.48kg	CN9570
95mm ²	70 – 95mm ²	25	1.43kg	CN9595
120mm ²	25 – 120mm ²	25	1.67kg	CN120120
150mm ²	25 – 120mm ²	25	1.61kg	CN150120
150mm ²	70 – 150mm ²	25	1.25kg	CN150150
185mm ²	16 – 95mm ²	25	1.32kg	CN18595
120 – 185mm ²	120 – 185mm ²	15	2.29kg	CN185185
150 – 240mm ²	95 – 120mm ²	15	2.36kg	CN240C120



Manufactured from pure copper. All sizes also available in tinned, please contact our sales office to discuss specific requirements.

Compression connectors



Terminals

Conductor size	Screw size (B)	Weight each	Part No.
16mm ²	6mm	0.01kg	FCT166
16mm ²	8mm	0.01kg	FCT168
16mm ²	10mm	0.01kg	FCT1610
16mm ²	12mm	0.01kg	FCT1612
25mm ²	6mm	0.01kg	FCT256
25mm ²	8mm	0.01kg	FCT258
25mm ²	10mm	0.01kg	FCT2510
25mm ²	12mm	0.01kg	FCT2512
35mm ²	6mm	0.01kg	FCT356
35mm ²	8mm	0.01kg	FCT358
35mm ²	10mm	0.01kg	FCT3510
35mm ²	12mm	0.01kg	FCT3512
50mm ²	6mm	0.02kg	FCT506
50mm ²	8mm	0.02kg	FCT508
50mm ²	10mm	0.02kg	FCT5010
50mm ²	12mm	0.02kg	FCT5012
70mm ²	8mm	0.04kg	FCT708
70mm ²	10mm	0.04kg	FCT7010
70mm ²	12mm	0.04kg	FCT7012
70mm ²	14mm	0.04kg	FCT7014
70mm ²	16mm	0.04kg	FCT7016
95mm ²	8mm	0.06kg	FCT958
95mm ²	10mm	0.06kg	FCT9510
95mm ²	12mm	0.06kg	FCT9512
95mm ²	14mm	0.06kg	FCT9514
95mm ²	16mm	0.06kg	FCT9516
120mm ²	10mm	0.06kg	FCT12010
120mm ²	12mm	0.06kg	FCT12012
120mm ²	14mm	0.06kg	FCT12014
120mm ²	16mm	0.06kg	FCT12016
150mm ²	10mm	0.09kg	FCT15010
150mm ²	12mm	0.09kg	FCT15012
150mm ²	14mm	0.09kg	FCT15014
150mm ²	16mm	0.09kg	FCT15016
185mm ²	12mm	0.11kg	FCT18512
185mm ²	14mm	0.11kg	FCT18514
185mm ²	16mm	0.11kg	FCT18516
240mm ²	12mm	0.14kg	FCT24012
240mm ²	14mm	0.14kg	FCT24014
240mm ²	16mm	0.14kg	FCT24016
300mm ²	12mm	0.17kg	FCT30012
300mm ²	14mm	0.17kg	FCT30014
300mm ²	16mm	0.17kg	FCT30016
400mm ²	12mm	0.21kg	FCT40012
400mm ²	14mm	0.21kg	FCT40014
400mm ²	16mm	0.21kg	FCT40016