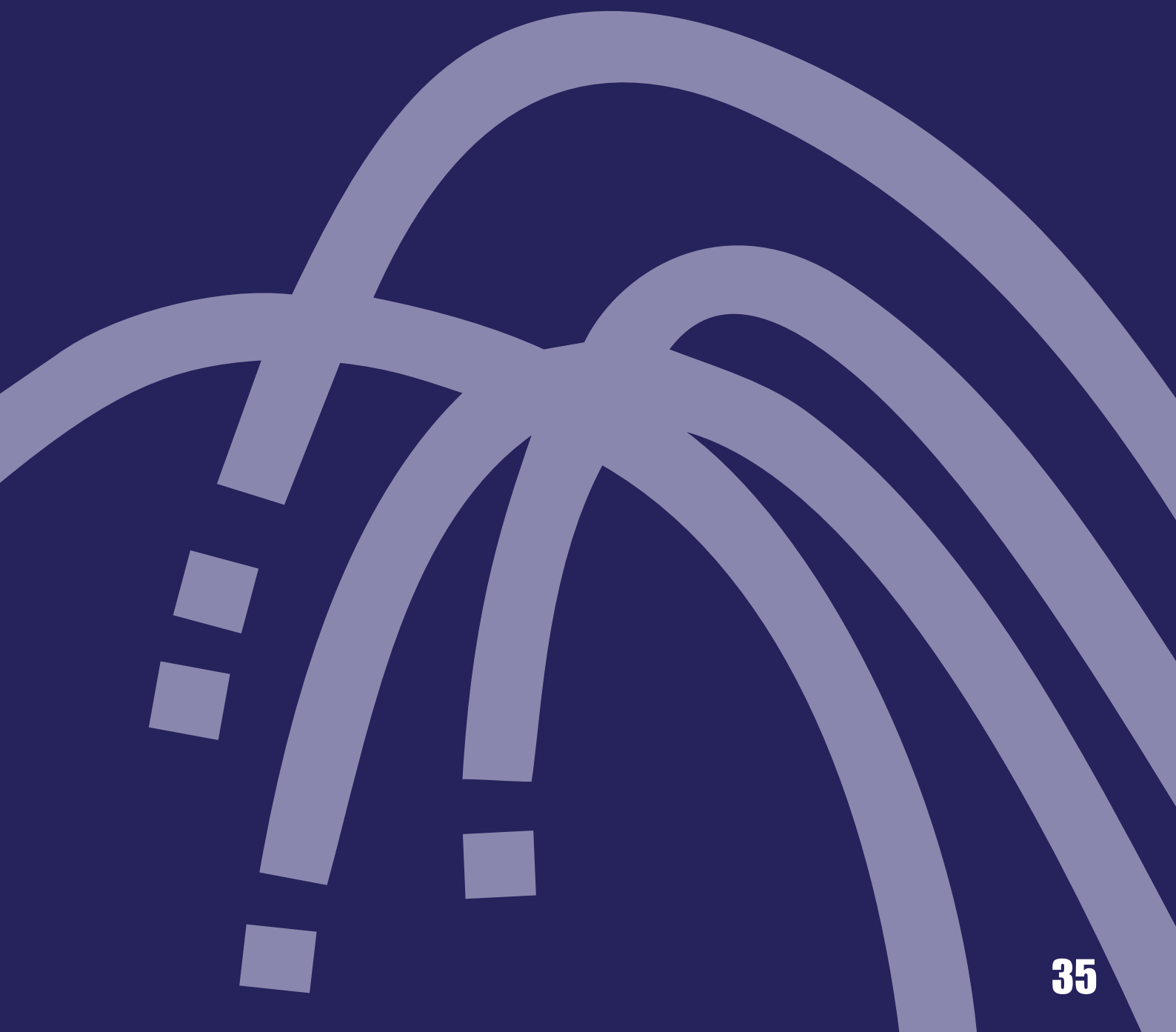


## **SECTION 5**

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# **MANUAL ARC ACCESSORIES**





## WELDING CABLE

Used for welding, power & switchboard applications. Consists of flexible plain copper wire stranding & has double insulation for better resistance in heavy working conditions. Amperage ratings are at 60% duty cycle.

Dia	Type	Part No.
16mm	175 Amp	500018
25mm	230 Amp	500019
35mm	290 Amp	500020
50mm	370 Amp	500021
70mm	460 Amp	500022

Available in 100 metre rolls.



## ARC LEAD SETS

Consists of electrode lead with electrode holder & separate earth/work lead with earth clamp, both with connectors for machine end. Available with 300 Amp tong type electrode holder or 400 Amp twistlock & either dinse or crimp lugs.

Type	Part No.
240 Amp 3mt – 25mm Dinse connectors	Arclead240
400 Amp 3mt – 50mm Dinse connectors	Arclead400
400 Amp 3mt – 13mm Crimp lugs	Arclead400Lug

1 kit/pkt in polybag.



## ELECTRODE HOLDERS

### BOSS Twistlock

Twistlock electrode holders are the most popular choice of holder, due to their ability to clamp onto electrodes with screw down action, ensuring optimum current flow.

Type	Part No.
400 Amp – Twistlock	500044
400 Amp – Premium twistlock	500045
600 Amp – Twistlock	500046

Display packed.



### BOSS Tong Type

Tong type electrode holder, fully insulated for use with electrodes up to 5mm, featuring any angle grip & quick electrode release & replace.

Type	Part No.
200 Amp – Tong type	500041
400 Amp – Tong type	500042
500 Amp – Tong type	500043

Display packed.



### BOSS Optimus Style

Optimus style electrode holders feature fully insulated jaws which prevent spatter build up in "overhead" position welding.

Type	Part No.
400 Amp optimus style	500047
500 Amp optimus style	500048

Display packed.





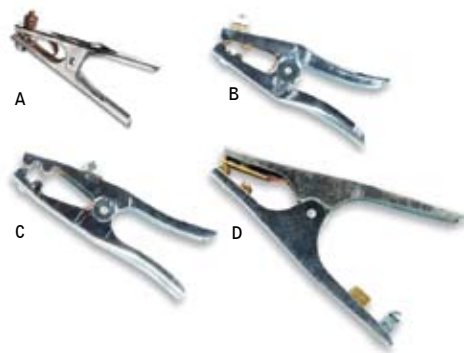
## EARTH CLAMPS

### BOSS Spring Type Earth Clamps

Spring loaded earth clamps feature copper braid between brass jaw pads for optimum conductivity. Strong spring pressure, available in different amperages.

Type	Part No.
A 200 Amp Spring type	500059
B 300 Amp Spring type	500060
C 500 Amp Spring type	500061
D 600 Amp Spring type	500061A

Display packed.



### BOSS 500 Amps Brass "G" Earth Clamp

Part No. 500062

Solid Brass G style earth clamp rated at 500 Amps. Suited for heavy duty industrial applications where larger amperages are used. Screw down action ensures optimum conductivity. Display packed.



### BOSS 600 Amps Claw Type Quick Action Screw Down Earth Clamp

Part No. 500063

Quick action 600 Amp earth clamp with rubber insulation. For use on higher amperage welding. Quick & easy to fix to plates & benches. Display packed.



## EARTH CLAMPS

### 800 Amps Magnetic Earth Clamp

Part No. 500064

Magnetic earth clamp capable of handling 800 Amps. Provides sound connection via magnetic force to steel. Removal made easy with lever. Not suitable for aluminium & stainless steel. Display packed.



### Ground Hog

The Ground Hog Clamps enable high quality electrical transfer that is necessary for good welding

- 500 Amp rating at 60% duty cycle
- High clamping pressure
- Improves arc stability
- Reduces power consumption
- Improves cable life
- Rotating body for cable positioning

The Ground Hog's large copperhead contact point prevents current restriction, allowing a complete transfer of the electrical current in a full circuit. The Ground Hog controls the electrical current by isolating the contact surface & the cable connection. Get a smooth, continuous arc with no fade, no heat transfer while improving cable life & reducing power consumption.

Description	Max Opening	Throat	Part No
Ground Hog Spare Contact			88VS7701
Ground Hog with Pliers 450A	70mm	80mm	88VS7702
Ground Hog Slide Clamp 450A	135mm	120mm	88VS7703
Ground Hog Plier 300A	55mm	70mm	88VS7704
Ground Hog Clamp 300A	85mm	88mm	88VS7705
HD Ground Hog Plier 550A	70mm	80mm	88VS7706
HD Ground Hog Clamp 550A	135mm	120mm	88VS7707





## CABLE CONNECTORS

### BOSS Blue Twist Type

Medium & heavy duty in-line cable connectors with rubber insulation. Tapered pin twistlock for reliable electrical connection when extending work & welding cables. Supplied as plug & socket pair.

Type	Part No.
300 Amp – Blue twist type	500065
500 Amp – Blue twist type	500066



### Dinse Style

Dinse style connectors for quick & reliable connection to welding power sources or extending weld cables. Neoprene rubber insulation & tapered twist lock action.

Type	Part No.
Dinse Texas (25) male 25mm	500069
Dinse Texas (50) male 50mm	500070
Dinse Texas (25) female 25mm	500072
Dinse Texas (50) female 50mm	500073



### Dinse Panel Mounted

Panel mounted, dinse style sockets, used for replacement of output sockets on welders, generators & battery applications.

Type	Part No.
Dinse Panel (25) female 25mm	500075
Dinse Panel (50) female 50mm	500076



## CABLE LUGS

### BOSS Field Fitted Cable Lugs

Heavy duty, angled, solid forged brass industrial cable lugs with rubber insulating cover.

Type	Part No.
300 Amp – Field fitted	500030
600 Amp – Field fitted	500031

Display packed.



### BOSS Reusable Field Lugs

Reusable lugs suitable for connection to earth clamps & terminals.

Size	Type	Part No.
11.5mm eye	Suit 16mm cable	500036
12.5mm eye	Suit 25mm cable	500037
14.5mm eye	Suit 35mm cable	500038
16.5mm eye	Suit 50mm cable	500039
16.5mm eye	Suit 70mm cable	500040



### BOSS Crimp Type Lugs

Crimp type lugs, suitable for connection to earth clamps & welder output terminals.

Type	Hole Size	Part No.
CL-25	9mm	500040A
CL-35	9mm	500040B
CL-35	12.5mm	500040C
CL-50	12.5mm	500040D
CL-70	12.5mm	500040E
CL-95	12.5mm	500040F





## WIRE BRUSHES

### BOSS 4 Row Wire Brushes

Wooden handled wire brushes used for cleaning & preparation of metals pre & post welding. Note: use stainless steel wire brush for aluminium.

Type	Part No.
4 Row steel wire brush	500080
4 Row stainless steel wire brush	500081

Single, 12 pcs/box.



## CHIPPING HAMMERS

### BOSS Chipping Hammers

Used for slag removal. Available in a wound spring handle or rubber handle for increased comfort.

Type	Part No.
Rubber handle	500087
Spring handle	500088

Single, 50 pcs/ctn.



## ELECTRODE DRYING OVEN

### BOSS Portable Hot Box

Part No. 500100

Features:

- 400W, 240V/10 Amp plug
- Temperature range from 50-200°C
- Rear controls
- 15Kg electrode capacity
- Internal dimensions 44cm x 18cm x 12cm
- Weighs 10Kg
- Yellow powder coated finish.

It is essential to dry low hydrogen & cellulose electrodes to avoid porosity & cracking. Pre baking @ 350-450°C for 1-2hrs then stored on the job in a hot box @ 100°C up to 8hrs.





## GOUGING TORCH

### BOSS Arc Air Gouging Torch

Gouging torch for use with gouging carbons. Comes complete with 2mt swivel cable.

Type	Part No.
BOSS K3 – 600 Amps	500090
BOSS K4 – 1000 Amps	500091

5 pcs/ctn.



## ACCESSORIES

### Accessories for the BOSS Arc Air Gouging Torch

Type	Amps	Part No.
Air Switch		500094
Insulator	K4 – 1000 Amps	500093
Insulator	K3 – 600 Amps	500092

