



## A.B TOOLS & FASTENERS

Dealer of Superon welding rod  
Stockist in all kinds of fasteners



## About Us

**AB TOOLS & FASTENERS** was established in the year 2000 by an efficient and hard working engineer, Now, it has become one of the most trusted name as a supplier of tools and equipments used in various kinds of industries.

With our engineering background and lot of field experience we understand customer's need in a better way. Not only do we sell tools and spares, but we also guide our customers to correct spares to sort out trouble free operation of equipments. Our progressive approach and commitment towards quality is to satisfy new and challenging market requirements.

Our motto is to provide complete range of quality spares at very reasonable price under one roof. Which is widely been appreciated by our customers as it cuts down cost of purchase procedure and time required for follow ups from different suppliers.



# INDEX

<b>PRODUCT NAME</b>	<b>PAGE</b>
<b>GAS ACCESSORIES</b>	<b>1</b>
Regulator	
<b>CUTTING TORCHES</b>	<b>3</b>
3 Pipe Cutting Torch	
Welding Torch	
Cutting Nozzles	
<b>WELDING TORCHES</b>	
<b>MIG WELDING TORCHES</b>	<b>8</b>
MIG/MAG/CO <sub>2</sub> Welding Accessories	
Conical Nozzle	
Swan Neck	
Tip Holder	
Diffuser	
Insulator	
Contact Tip	
<b>TIG WELDING TORCHES</b>	<b>17</b>
TIG 18 V Water Cooled Torch	
TIG 26 V Gas Cooled Torch	
TIG Accessories	
<b>MIG AND TIG SPARE PARTS</b>	<b>19</b>
<b>PLASMA WELDING TORCHES</b>	<b>20</b>
Plasma Torches & Consumables	
Plasma Torch Spare Parts	
<b>PUG CUTTING MACHINE</b>	<b>24</b>
<b>WELDING ACCESSORIES</b>	<b>25</b>
Welding Shield	
Welding Holder	
Welding Goggles	
Earth Clamp	
Protective Glass	
<b>WELDING CABLE</b>	<b>30</b>
<b>HOSE PIPE</b>	<b>31</b>
<b>TUNGSTEN ELECTRODE</b>	<b>32</b>



## REGULATOR



### SINGLE STAGE PRESSURE REGULATORS

In a Single Stage Regulator, the high pressure of the gas in the cylinder is reduced to the required working pressure by an adjusting screw. Each regulator is equipped with 2 meters, indicating cylinder and outlet pressure. It is manufactured from best available materials, providing steady and accurate pressure/flow control. Stonex regulators are suitable for a wide variety of industrial and commercial application to meet your welding, cutting, heating process

### DOUBLE STAGE PRESSURE REGULATOR

Two Stage Regulators are suitable for gas cutting, welding, brazing and heating process. Two Stage Pressure Regulators minimize the changes of accident and ensure a greater life of diaphragms. Also outlet pressure is more accurate as compared to single stage because total pressure drops in two stages. In the first stage pressure is fixed and in the second stage it can be regulated by pressure key



## REGULATOR

Features :

191 Argon Flow Meter Regulator

- Provide with accurate measurement of as flow in welding and laboratory applications.
- Durable flow tube with large, easy to read gradients and shatter-resistant cover.
- Gas service for CO<sub>2</sub> Argon.
- Connections can be requested.



Gas	Max Inlet Pressure (Bar)	Inlet Connection	Outlet Connection
Ar	2.5	G5/8" M	G 3/8" RH
CO <sub>2</sub>	2.2	W21.8F	G 3/8" RH

Features :

- Other fgases can be requested.
- Pressure regulator with pressure and contents gauges.
- Integrated safety valve and shut-off valve.
- With screwed connector.
- Connections can be requested.



Gas	Max Inlet Pressure (Bar)	Max Outlet Pressure (Bar)	Inlet Connection	Outlet Connection
Oxygen	230	10	G5/8" RH	G 3/8" -RH
Acetylene	20	1.5	G5/8" LH	G 3/8" -LH
Ar	230	10	G5/8" M	G 3/8" RH
CO <sub>2</sub>	230	10	W21.8 F	G 3/8" RH

Aluminum Body Regulator

Features :

- Pressure regulator with pressure and contents gauges.
- Integrated safety valve and shut-off valve.
- With screwed connector.
- Connections can be requested.



Gas	Max Inlet Pressure (Bar)	Max Outlet Pressure (Bar)	Inlet Connection	Outlet Connection
Oxygen	250	25	G5/8" RH	G 3/8" RH
Acetylene	16	1	G5/8" LH	G 3/8" RH
Ar	250	25	G5/8" M	G 3/8" RH
CO <sub>2</sub>	250	25	W21.8 F	G 3/8" RH

## Available in Yamato Brand

Gas	Max Inlet Pressure (Bar)	Max Outlet Pressure (Bar)	Inlet Connection	Outlet Connection
Oxygen	200	12	G5/8" RH	G 3/8" RH
Acetylene	16	1	G5/8" LH	G 3/8" RH
Ar	200	12	G5/8" M	G 3/8" RH
CO <sub>2</sub>	200	12	W21.8 F	G 3/8" RH



\* Also available in Other Gases

## CUTTING TORCH

### British/Indian Type Hand Cutting Torch

Features :

- Die forged brass head for added strength and durability.



Head	Nozzle for Propance	Nozzle for Acctylene	Length (mm)
90°	B Type	A Type	485

## Flashback Arrestor



Features :

Filter protect the flashback arroestor from dirty particles.

Non-return vavle.

Max flow: Oxygen: 7000Lt./H Acetylene: 2600Lt./H.

Max working pressure: Oxygen: 10Bar Acetylene: 1.5Bar Fuel gas: 5Bar.

Gas	For	Max.Flow Lt/h	Max Inlet Pressure (Bar)	Inlet	Outlet
OXYGEN	TORCH	7000	10	BSP 3/8" R.H.	BSP 3/8" R.H.
FUEL GAS	TORCH	2600	1.5	BSP 3/8" L.H.	BSP 3/8" L.H.

## 3 PIPE CUTTING TORCH

### NM 250 Hand Cutting Torch

Features :

- British style Hand Cutting Torch Heavy duty cutting-up to 300mm steel.
- Die forged brass head for added strength and durability.
- Use G 3/8" inlet thread, other sizes thread are available.
- Torch Head can be 75° /19° /180°



Head	Nozzle for Propance	Nozzle for Acctylene	Length (mm)
90°180°75°	PNM, PNME	ANM, ANME	480

## Flashback Arrestor



Features :

Filter protect the flashback arroestor from dirty particles.

Non-return vavle.

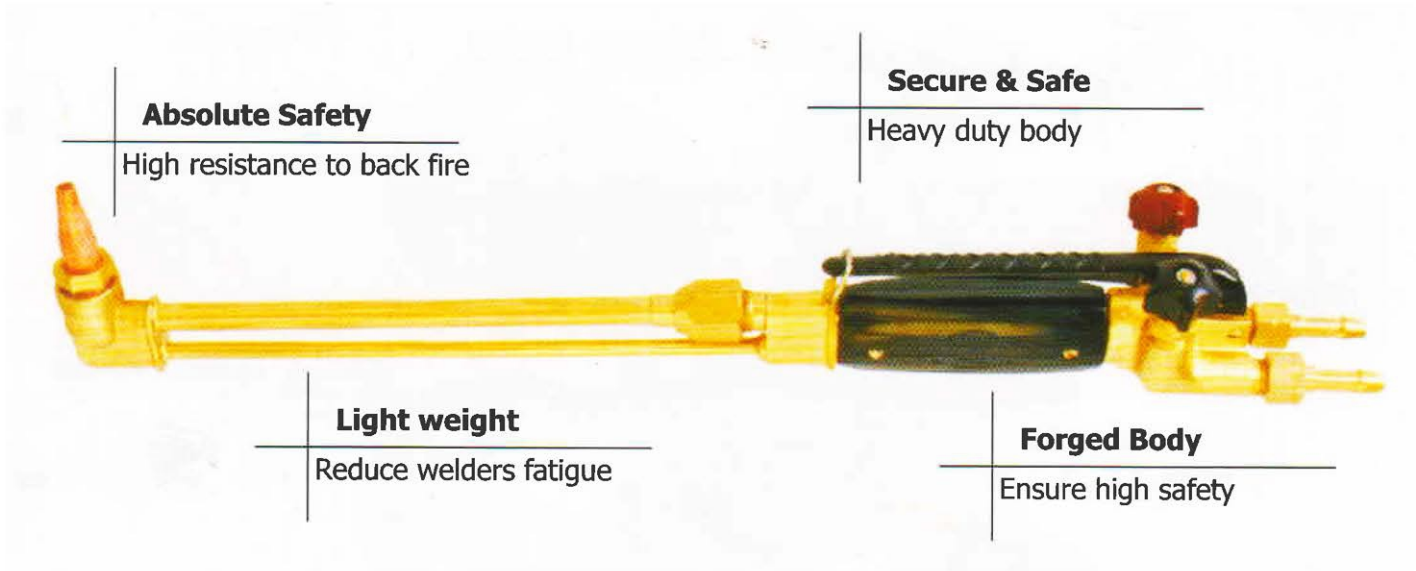
Max flow: Oxygen: 7000Lt./H Acetylene: 2600Lt./H.

Max working pressure: Oxygen: 10Bar Acetylene: 1.5Bar Fuel gas: 5Bar.

Gas	For	Max.Flow Lt/h	Max Inlet Pressure (Bar)	Inlet	Outlet
OXYGEN	TORCH	7000	10	BSP 3/8" R.H.	BSP 3/8" R.H.
FUEL GAS	TORCH	2600	1.5	BSP 3/8" L.H.	BSP 3/8" L.H.



## GAS CUTTING TORCH



### Features

- Cutter body and head are of forged brass
- Eliminate casting porosity and ensure total safety and gas economy.
- Gas flow geometry designed to prevent blow backs.
- Laminar gas flow for quality cutting and gas saving.

### CUTTING NOZZLE

The nozzle is the “Business End” of Gas Cutting. Using low quality or damaged nozzles can be compared to cutting cloth with blunt scissors. Magnificent, expensive cutting machines cannot perform if poor quality cutting nozzles are used. Stonex strives continually to improve nozzle quality to increase efficiency, to lengthen working life, to affect gas cost savings and increase cutting speed, etc.



## WELDING TORCH

Low Pressure Manual Welding Blow Pipe is designed for use on all light gauge sheet metal in garages and workshops. It is an injector type blow pipe which can be used either with dissolved acetylene or with low pressure generated acetylene. Tips can be changed according to job thickness.

- Gas Welding with OXY - Carbide gas / DA Gas / Hydrogen Gas.
- Gas Welding & Heating with OXY-LPG
- Brazing with OXY-LPG / Hydrogen Gas / Coal Gas

## NON RETURN VALVE

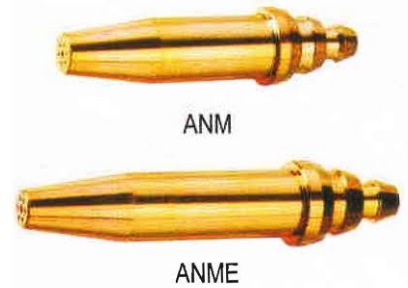
## FLOW METER

## Co2 HEATER

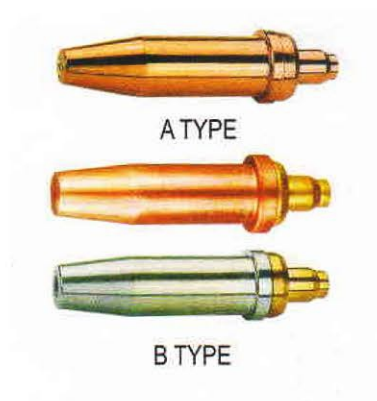


# Cutting Nozzles

Sizes	Size (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
1/32	0.9	3-10	0.2-0.35	0.014
3/64	1.2	10-25	0.3-0.5	0.02
1/16	1.6	25-40	0.4-0.55	0.025
5/64	2	40-60	0.55-0.6	0.035
3/32	2.4	60-100	0.5-0.65	0.035
7/64	2.8	100-200	0.45-0.8	0.04
1/8	3.3	200-300	0.75-0.85	0.045



Sizes	Size (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
1/32	0.8	3-10	0.3-0.5	0.02
3/64	1.2	10-25	0.5-0.7	0.025
1/16	1.6	25-40	0.5-0.7	0.03
5/64	2	40-60	0.5-0.7	0.035
3/32	2.4	60-100	0.5-0.7	0.04
7/64	2.8	100-200	0.5-0.7	0.045
1/8	3.3	200-300	0.5-0.7	0.05



Sizes (mm)	Sizes (mm)	Stuff Thickness (mm)	Oxygen Pressure (mpa)	Propane Pressure (mpa)	Gas Flux (Ft3/h)	
					Oxygen (1/h)	Ethine (1/h)
1/32	0.8	6-12	0.2	0.1	30	3.5
3/64	1.2	12-20	0.25	0.1	58	4.5
1/16	1.5	25-75	0.4	0.1	99	5.5
5/64	2	100-125	0.4	0.1	171	6.5
3/32	2.4	150-200	0.5	0.1	256	9
1/8	3.2	225-300	0.6	0.1	456	14



## MIG WELDING TORCHES

### 15AK Gas-Cooled CO<sub>2</sub> Air Shielded Welding Torch



#### SPARE PARTS

1. Nozzle Conical, 2. Contact Tip M6 x 25 x (0.6, 0.8, 0.9, 1.0mm), 3. Tip Holder, 4. Swan Neck, 5. Micro Switch, 6. Front Handle, 7. Lock Nut for Front Handle, 8. Spring For Front Handle, 9. Cable Assy, 10. Spring For Rear Handle, 11. Lock Nut For Rear Handle, 12. Rear Handle, 13. Rear Connector Nut, 14. Euro Central Connector, 15. Liner Nut, 16. Liner Steel (Red, Blue)

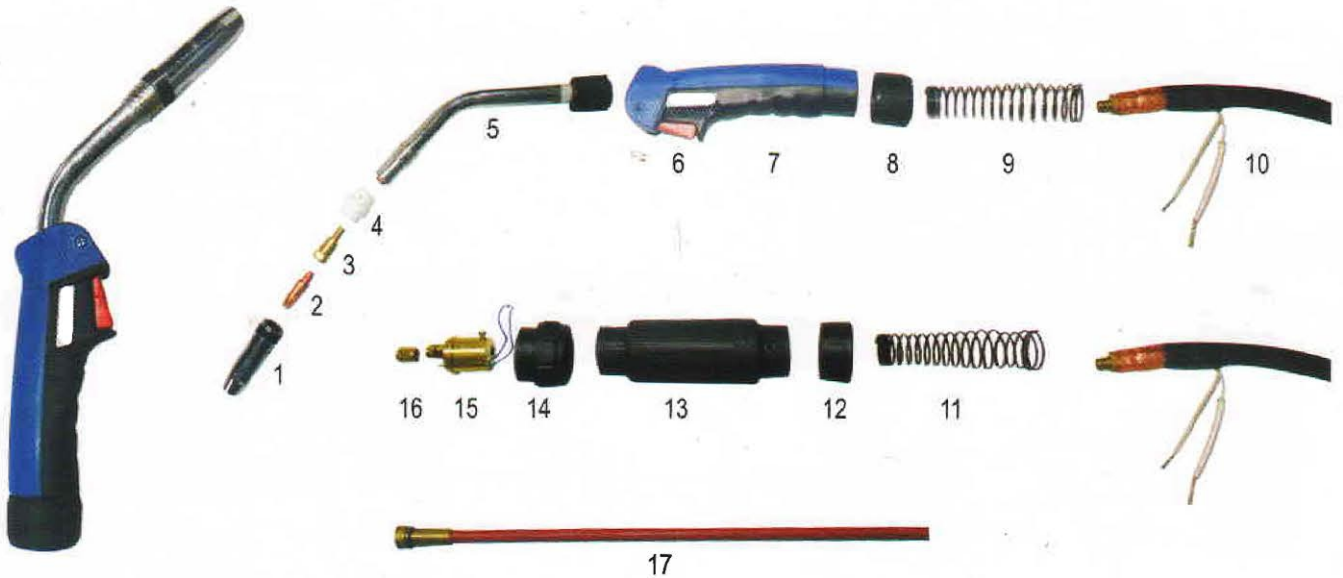
### 25AK Gas-Cooled CO<sub>2</sub> Air Shielded Welding Torch



#### SPARE PARTS

1. Nozzle Conical, 2. Contact Tip M6 x 28 x (0.8, 1.0, 1.2, 1.6mm), 3. Tip Holder, 4. Spring Support 5. Swan Neck, 6. Micro Switch, 7. Front Handle, 8. Lock Nut for Front Handle, 9. Spring For Front Handle, 10. Cable Assy, 11. Spring For Rear Handle, 12. Lock Nut For Rear Handle, 13. Rear Handle, 14. Rear Connector Nut, 15. Euro Central Connector, 16. Liner Nut, 17. Liner Steel (Red, Blue)

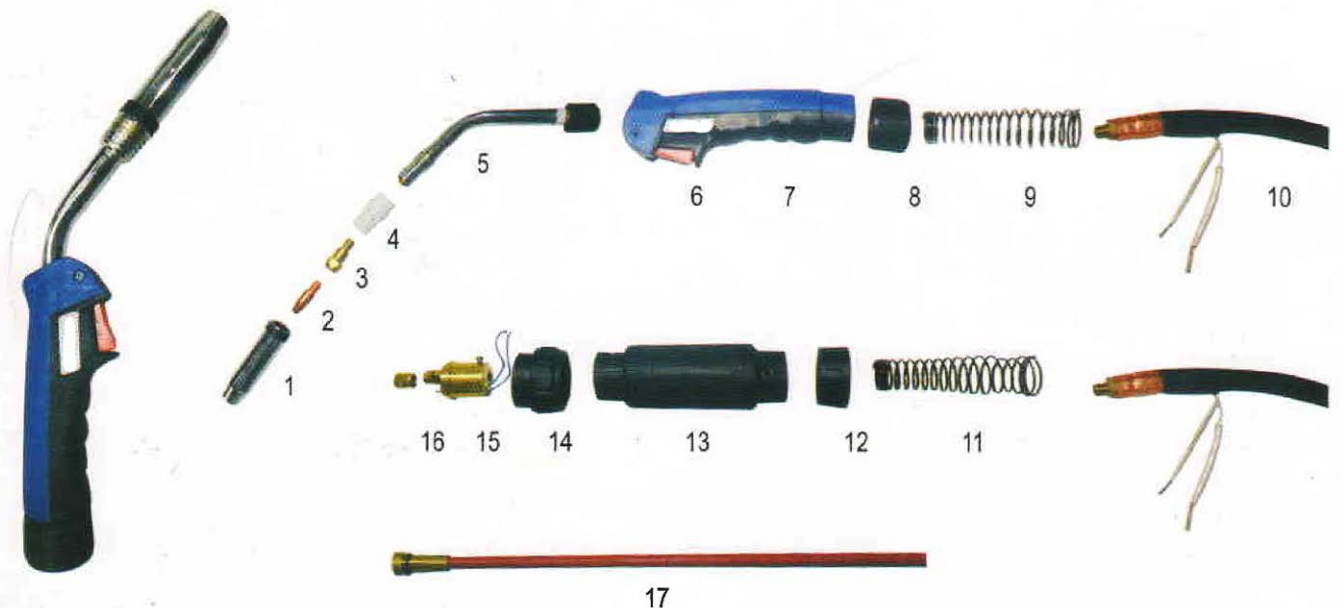
## 24KD Gas-Cooled CO<sub>2</sub> Air Shielded Welding Torch



### SPARE PARTS

1. Nozzle Conical, 2. Contact Tip M6 x 28 x (0.8, 1.0, 1.2, 1.6mm), 3. Tip Holder, 4. Gas Diffuser 5. Swan Neck, 6. Micro Switch, 7. Front Handle, 8. Lock Nut for Front Handle, 9. Spring For Front Handle. 10. Cable Assy, 11. Spring For Rear Handle, 12. Lock Nut For Rear Handle, 13. Rear Handle, 14. Rear Connector Nut, 15. Euro Central Connector, 16. Liner Nut, 17. Liner Steel (Red, Blue)

## 36KD Gas-Cooled CO<sub>2</sub> Air Shielded Welding Torch



### SPARE PARTS

1. Nozzle Conical, 2. Contact Tip M8 x 30 x (0.8, 1.0, 1.2, 1.6mm), 3. Tip Holder, 4. Gas Diffuser 5. Swan Neck, 6. Micro Switch, 7. Front Handle, 8. Lock Nut for Front Handle, 9. Spring For Front Handle. 10. Cable Assy, 11. Spring For Rear Handle, 12. Lock Nut For Rear Handle, 13. Rear Handle, 14. Rear Connector Nut, 15. Euro Central Connector, 16. Liner Nut, 17. Liner Steel (Red, Blue)

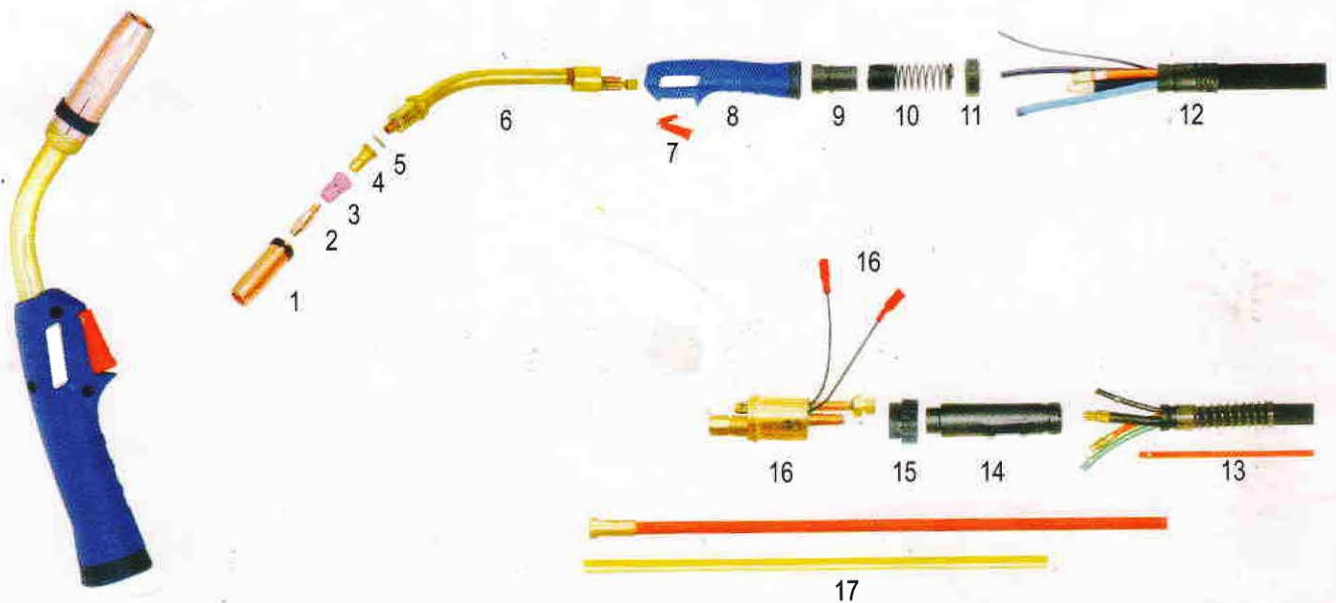
### 40KD Gas-Cooled CO<sub>2</sub> Air Shielded Welding Torch



#### SPARE PARTS

1. Nozzle Conical, 2. Contact Tip M8 x 30 x (0.8, 1.0, 1.2, 1.6mm), 3. Tip Holder, 4. Diffuser 5. Swan Neck, 6. Micro Switch, 7. Front Handle, 8. Spring For Front Handle, 9. Cable Assy, 10. Spring For Rear Handle, 11. Lock Nut For Rear Handle, 12. Rear Handle, 13. Rear Connector Nut, 14. Euro Central Connector, 15. Liner Steel (Red, Blue)

### 501D Water-Cooled CO<sub>2</sub> Air Shielded Welding Torch

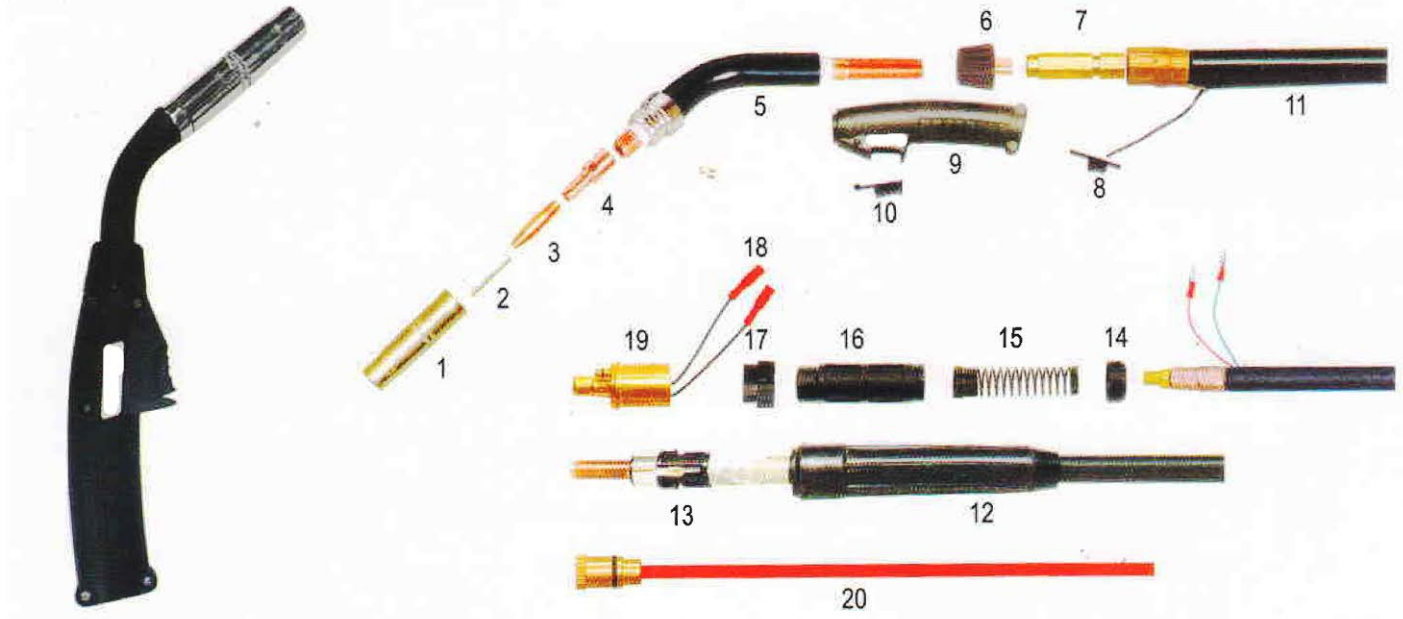


#### SPARE PARTS

1. Nozzle Conical, 2. Contact Tip M8 x 30 x (1.0, 1.2, 1.6, 2.4mm), 3. Gas Diffuser 4. Tip Holder, 5. Insulator, 6. Swan Neck, 7. Micro Switch, 8. Front Handle, 9. Ball Joint 10. Spring For Front Handle, 11. Lock Nut For Front Handle 12. Cable Assy, 13. Spring For Rear Handle, 14. Rear Handle, 15. Rear Connector Nut, 16. Euro Central Connector Water Cooled, 17. Liner Steel (Red, Yellow)



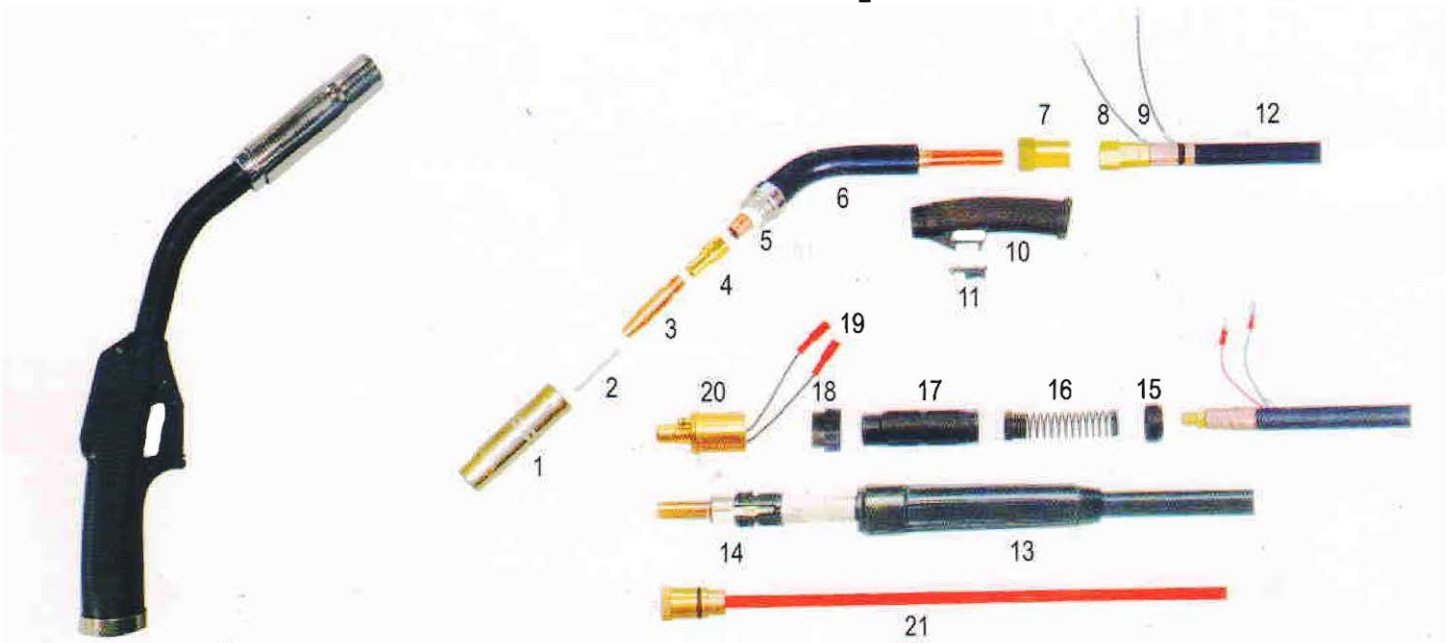
## PSF250 Gas-Cooled CO<sub>2</sub> Air Shielded Welding Torch



### SPARE PARTS

1. Nozzle, 2. Nozzle Insulator, 3. Contact Tip M6 x 30 x (0.6, 0.8, 0.9, 1.0, 1.2mm), 4. Tip Holder, 5. Diffuser Insulator, 5. Swan Neck, 6. Body, 7. Front Cable Connector, 8. Micro Switch, 9. Front Handle, 10. Trigger, 11. Cable Assy, 12. Rear Handle, 13. Esab Central Connector, 14. Lock Nut For Rear Handle, 15. Spring For Rear Handle, 16. Rear Handle, 17. Rear Connector Nut, 18. Spring Pin, 19. Euro Central Connector, 20. Liner Steel(Red)

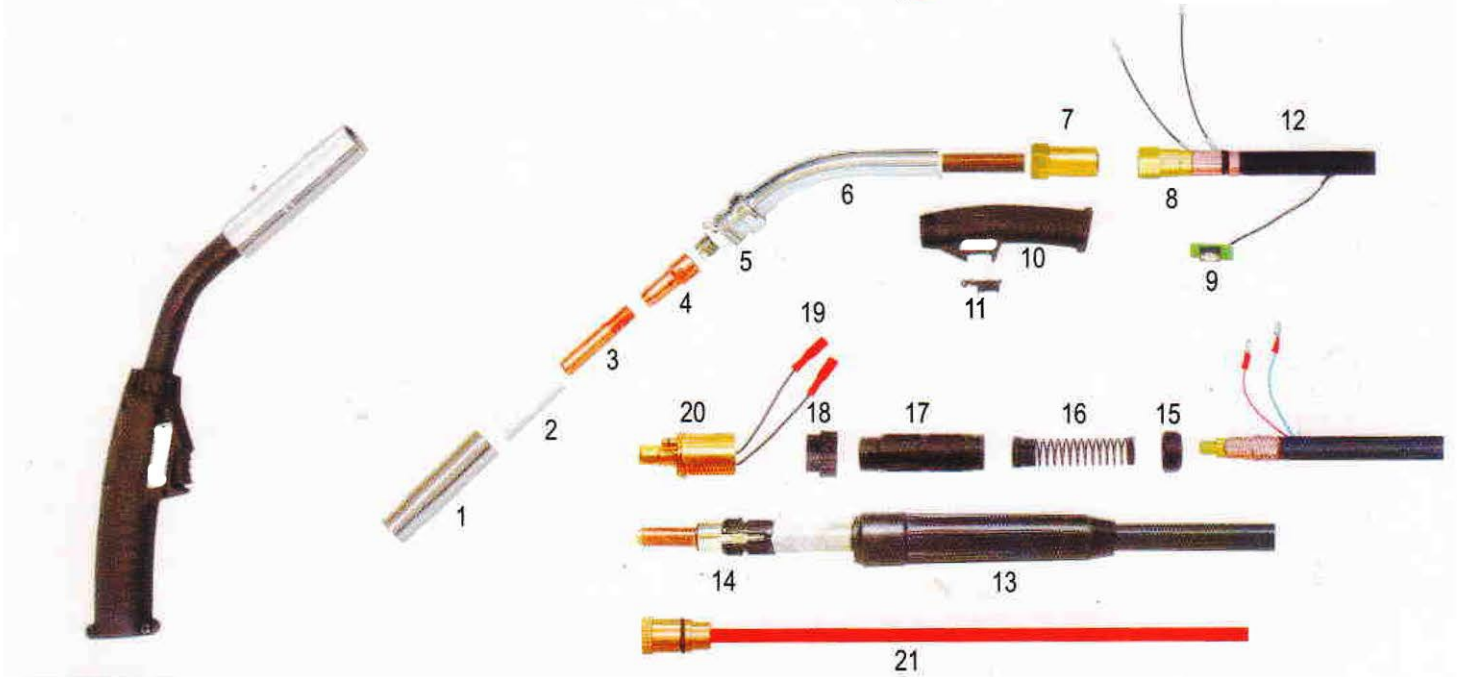
## PSF400 Gas-Cooled CO<sub>2</sub> Air Shielded Welding Torch



### SPARE PARTS

1. Nozzle, 2. Nozzle Insulator, 3. Contact Tip M8 x 37 x (0.8, 0.9, 1.0, 1.2, 1.4, 1.6mm), 4. Tip Holder, 5. Diffuser Insulator, 6. Swan Neck, 7. Body, 8. Front Cable Connector, 9. Micro Switch, 10. Front Handle, 11. Trigger, 12. Cable Assy, 13. Rear Handle, 14. Esab Central Connector, 15. Lock Nut For Rear Handle, 16. Spring For Rear Handle, 17. Rear Handle, 18. Rear Connector Nut, 19. Spring Pin, 20. Euro Central Connector, 21. Liner Steel(Red)

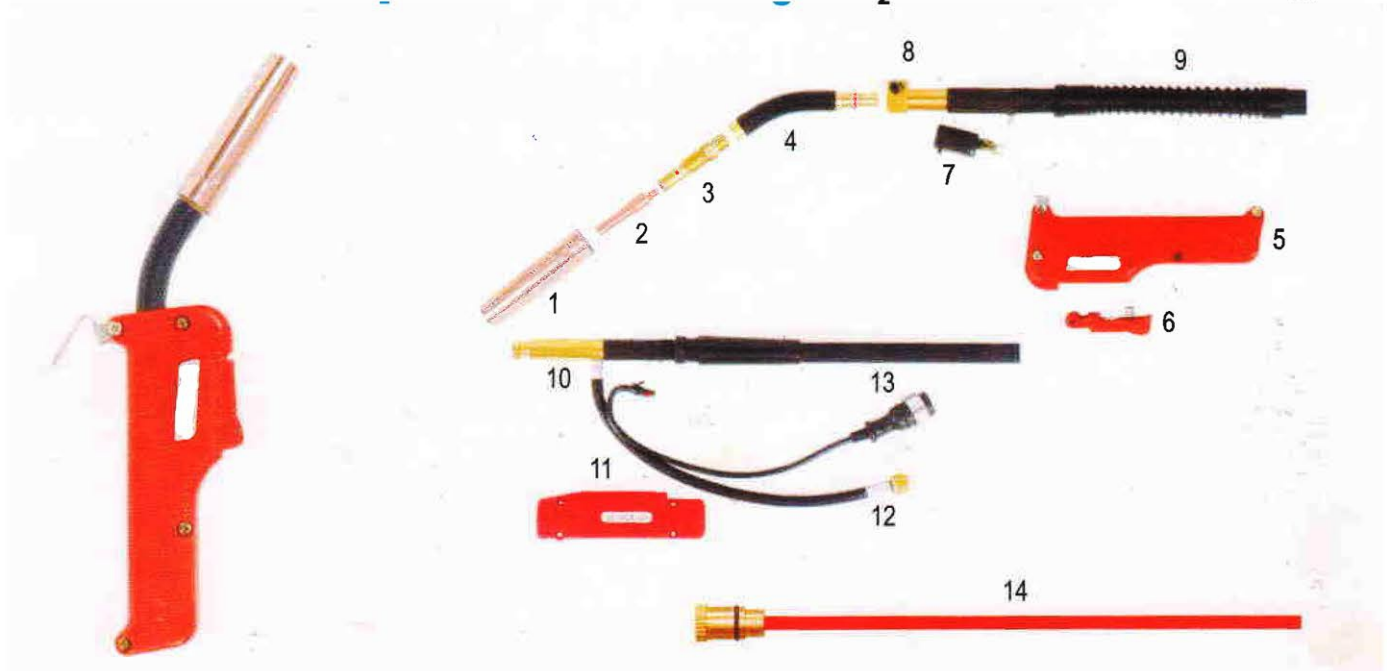
## PSF500 Gas-Cooled CO<sub>2</sub> Air Shielded Welding Torch



### SPARE PARTS

1. Nozzle, 2. Nozzle Insulator, 3. Contact Tip M8 x 40 x (0.9, 1.0, 1.2, 1.4, 1.6, 2.0mm), 4. Tip Holder, 5. Diffuser Insulator, 6. Swan Neck, 7. Body, 8. Front Cable Connector, 9. Micro Switch, 10. Front Handle, 10. Trigger, 12. Cable Assy, 13. Rear Handle, 14. Esab Central Connector, 15. Lock Nut For Rear Handle, 16. Spring For Rear Handle, 17. Rear Handle, 18. Rear Connector Nut, 19. Spring Pin, 20. Euro Central Connector, 21. Liner Steel(Red)

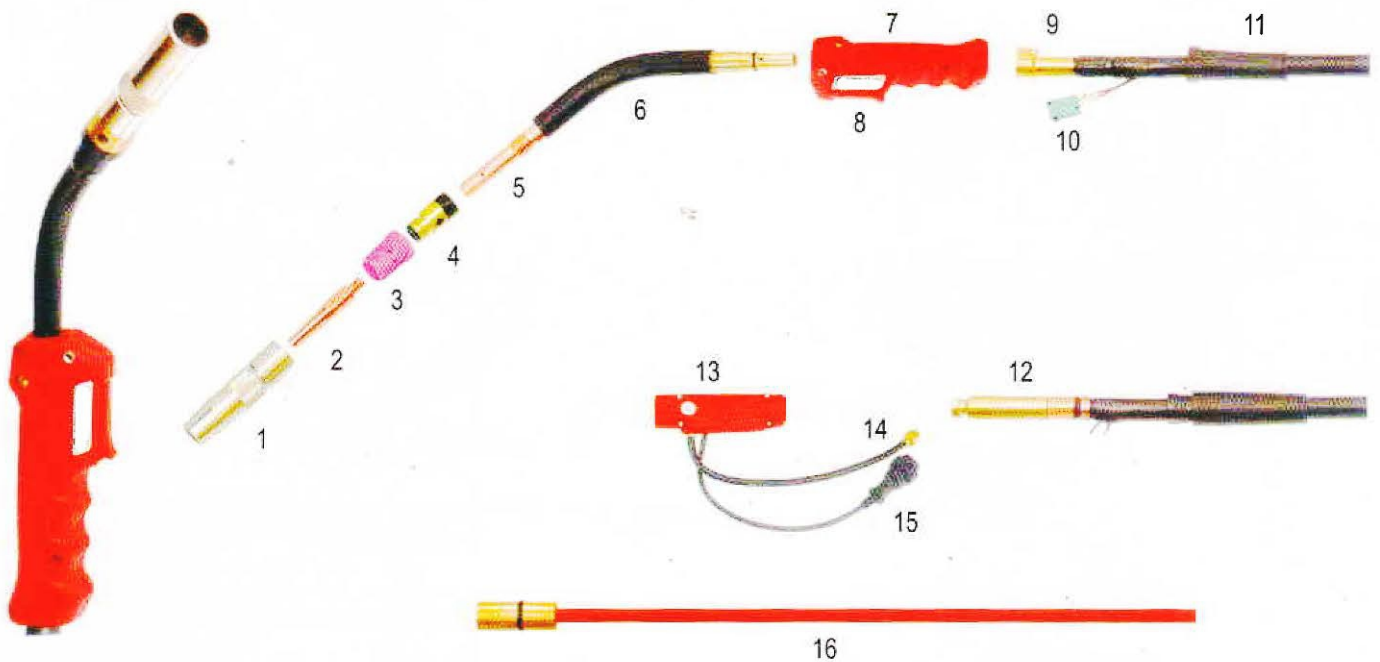
## 200 Gas-Cooled CO<sub>2</sub> Air Shielded Welding Torch



### SPARE PARTS

1. Nozzle, 2. Contact Tip M6 x 45 x (0.6, 0.8, 0.9, 1.0mm), 3. Tip Holder, 4. Swan Neck, 5. Front Handle, 6. Trigger, 7. Micro Switch, 8. Front Torch Body, 9. Cable Assy, 10. Rear Torch Body, 11. Rear Handle, 12. Hose With Connector, 13. Controllable Connector, 14. Liner Steel (Red)

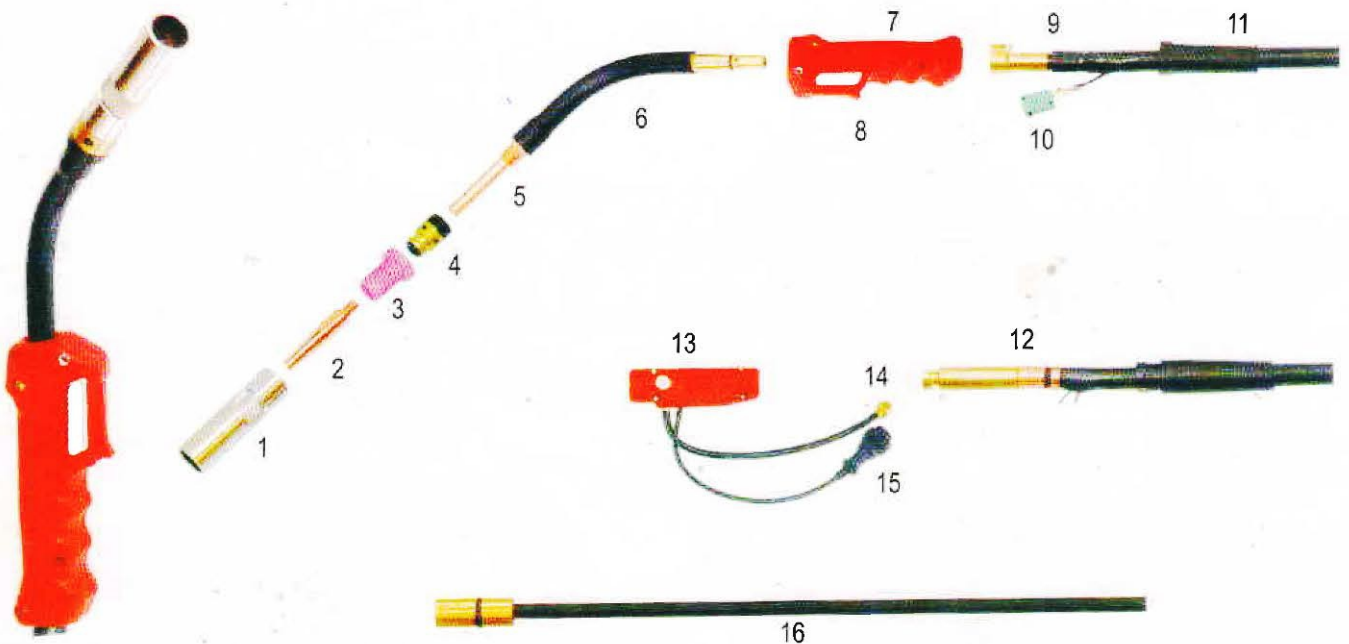
### 350 Gas-Cooled CO<sub>2</sub> Air Shielded Welding Torch



#### SPARE PARTS

1. Nozzle, 2. Contact Tip M6 x 45 x (1.0, 1.2, 1.4, 1.6mm), 3. Diffuser, 4. Insulator, 5. Tip Holder 6. Swan Neck, 7. Front Handle, 8. Trigger, 9. Front Torch Body, 10. Micro Switch, 11. Cable Assy, 12. Rear Torch Body, 13. Rear Handle, 14. Hose With Connector, 15. Controllable Connector, 16. Liner Steel (Red)

### 500 Gas-Cooled CO<sub>2</sub> Air Shielded Welding Torch



#### SPARE PARTS

1. Nozzle, 2. Contact Tip M6 x 45 x (1.2, 1.4, 1.6mm), 3. Diffuser 4. Insulator, 5. Tip Holder, 6. Swan Neck, 7. Front Handle, 8. Trigger, 9. Front Torch Body, 10. Micro Switch, 11. Cable Assy, 12. Rear Torch Body, 13. Rear Handle, 14. Hose With Connector, 15. Controllable Connector, 16. Liner Steel





**MIG 24 KD - TBI TYPE**



**MIG 25 AK - TBI TYPE**



**MIG 36 KD - TBI TYPE**



**MIG PANA 400 - EURO IND**



**MIG PANA 500 - EURO IND**



**GAUGING TORCH**



**TIG 18 V WATER COOLED TORCH**



**TIG 26 V GAS COOLED TORCH**

## MIG/MAG/CO<sub>2</sub> WELDING NOZZLES



15 AK NOZZLE



25 AK NOZZLE



24 KD NOZZLE



36 KD NOZZLE



40 KD NOZZLE



501D NOZZLE



KR200A NOZZLE



KR350A NOZZLE



KR500A NOZZLE



PSF250 NOZZLE



PSF400 NOZZLE



KEMPPI NOZZLE

## MIG/MAG/CO<sub>2</sub> WELDING SWAN NECK



15 AK SWAN NECK



25 AK SWAN NECK



24 KD SWAN NECK



36 KD SWAN NECK



40 KD SWAN NECK



501D SWAN NECK



501D STRAIGHT SWAN NECK



PANA 180 SWAN NECK



PANA 400 SWAN NECK



PANA 500 SWAN NECK

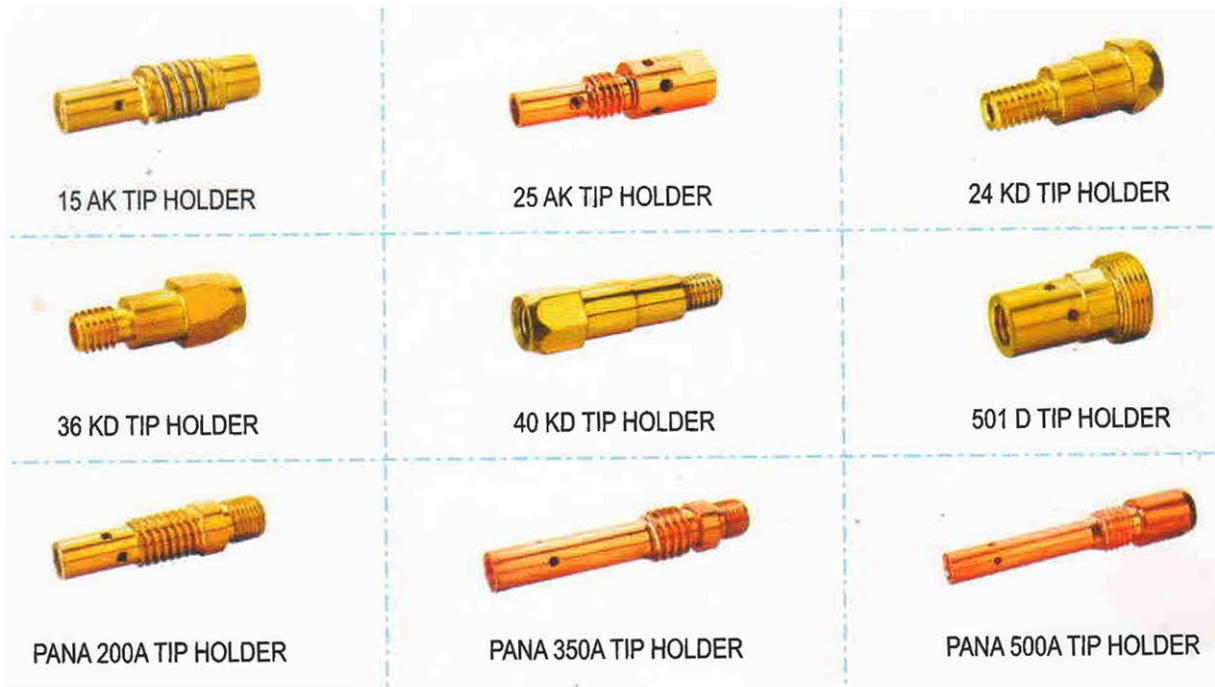


PSF250 SWAN NECK



PSF400 SWAN NECK

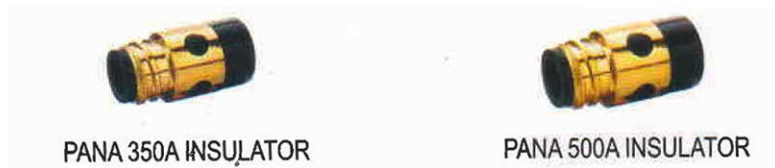
## MIG/MAG/CO<sub>2</sub> WELDING TIP HOLDERS



## MIG/MAG/CO<sub>2</sub> WELDING DIFFUSER



## MIG/MAG/CO<sub>2</sub> WELDING INSULATOR



## MIG/MAG/CO<sub>2</sub> WELDING CONTACT TIPS

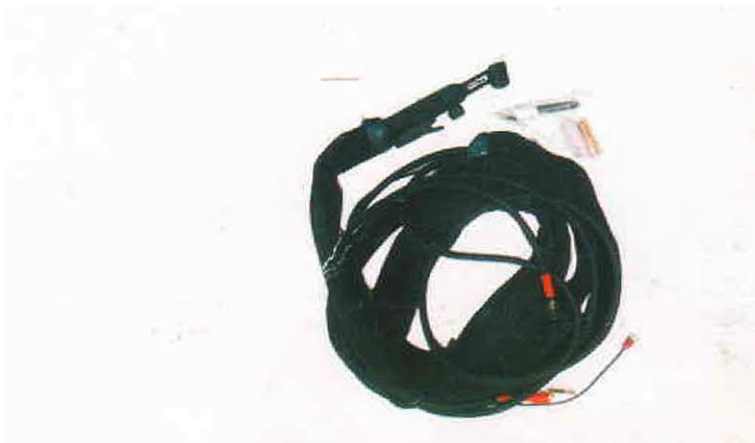




## **TIG WELDING TORCHES**



**TIG 18 V WATER COOLED TORCH**



**TIG 26 V GAS COOLED TORCH**

## TIG TORCHES & BODY



WP-9F Flexible Torch Body



WP-9FV Flexible & Valve Torch Body



WP-18P Pencil Torch Body



WP-18V Valve Torch Body



WP-26 Torch Body



WP-26F Flexible Torch Body



WP-26V Valve Torch Body



WP-26FV Flexible & Valve Torch Body



350A Torch Body for Korea



500A Torch Body for Korea

## TIG CERAMIC NOZZLES



13 N Series (4No., 5No., 6No., 7No., 8No.)



10 N Series (4No., 5No., 6No., 7No., 8No.)

## TIG COLLETS & COLLET BODIES



26V/18V



26V/18V



9V



9V

## BACK LONG CAPS



9V



26V/18V

## BACK SHORT CAPS



9V



26V/18V

# MIG AND TIG SPARE PARTS

## STANDARD WELDING PARTS FOR WIREFEEDER



European Style Plug  
(Binzel/Esab/OTC)



European Style Outlet  
(Binzel/OTC)



Euro-Style Switch  
to Panasonic



Adaptor  
(Panasonic Style)



Adaptor  
(OTC Style)



Remote Controller  
(Panasonic Style)



Remote Controller  
(Panasonic Digital)



Remote Controller  
(OTC Style)



OTC Pressure Roller



Panasonic Pressure Roller



Handle for  
OTC Wire Feeder



Handle for  
Panasonic Wire Feeder



Flange



Tip for Wire Feeder



OutletTip for  
Wire Feeder



Wire Feeder  
(Panasonic/OTC)



Wire Feeder  
Body



Bracket  
KR-350/500



Servo Motor  
KR-350



Servo Motor  
KR-500



Potential Meter

## SOLENOID VALVE



Reel Shaft  
(Panasonic Style)



Reel Shaft  
(OTC Style)



PMDC Motor



Available in 24V DC/42V AC/110V AC/230V AC

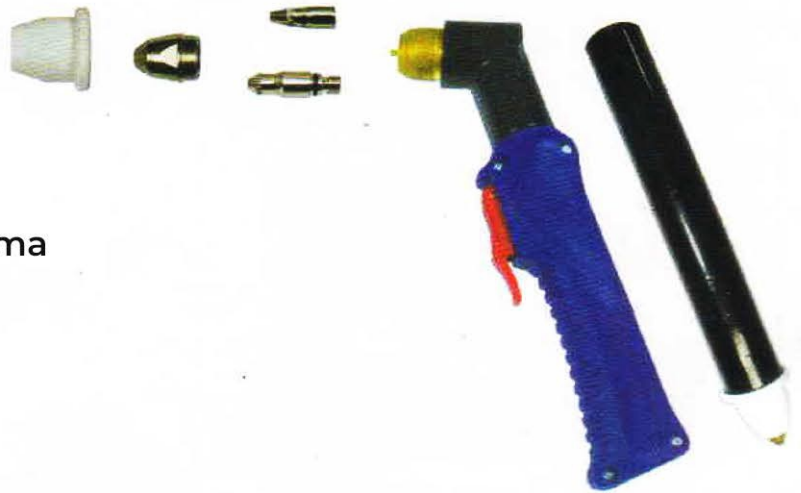




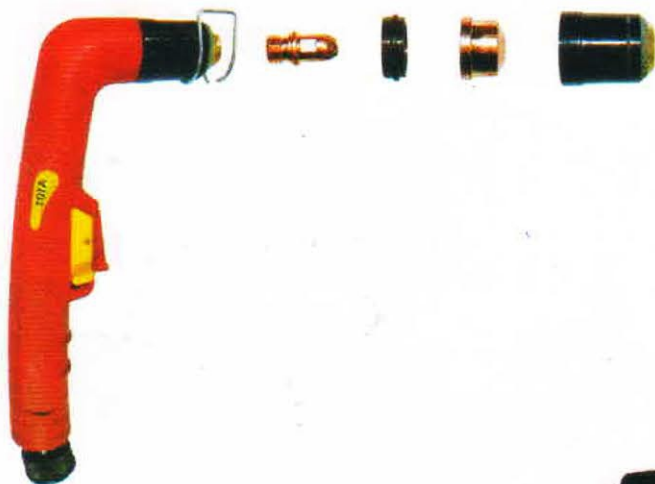
## PLASMA TORCHES & CONSUMABLES



**P80**  
Air Cooled Plasma  
Cutting Torch (Pana)  
Rating: 100A



**P160**  
Water Cooled Plasma  
Rating: 160-200A



**A101**  
High Frequency  
Air Cooled Plasma Torch  
Rating: 100A/140A



**SG51**  
Air Cooled Plasma  
Cutting Torch  
Rating: 50A

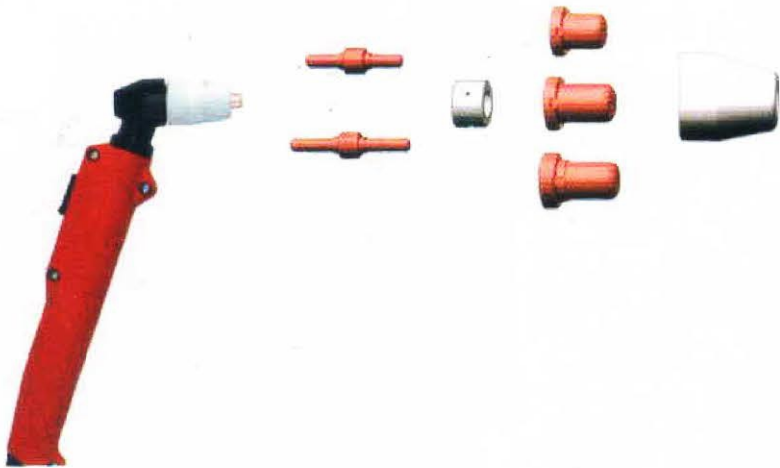
## PLASMA TORCHES & CONSUMABLES



**SG55 (AG-60)**  
Air Cooled Plasma  
Cutting Torch  
Rating: 60A



**Fanyang 100/200**  
Air Cooled Plasma  
Cutting Torch  
Rating: 100A



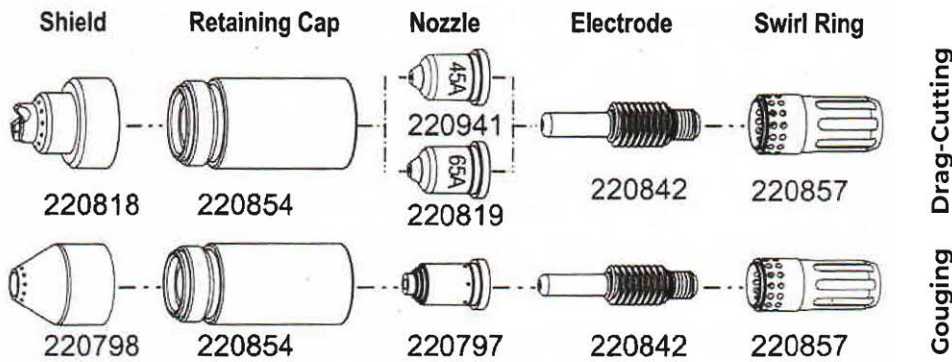
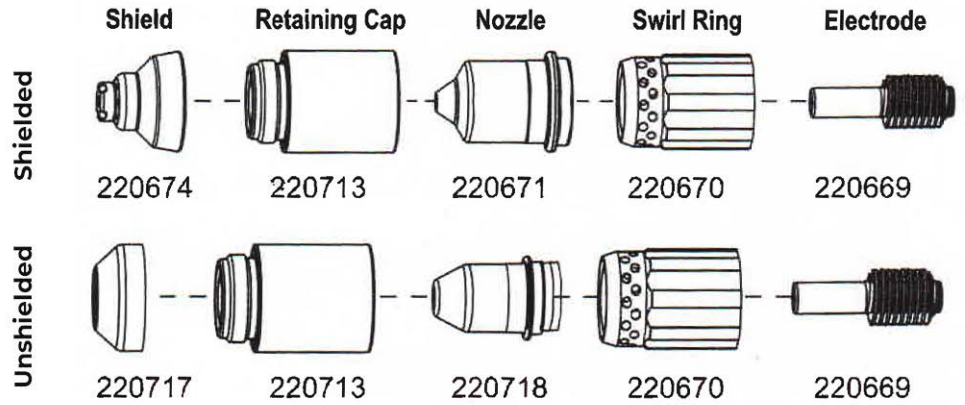
**PT31 (JG-40)**  
Air Cooled Torch  
Rating: 40A

**EP**



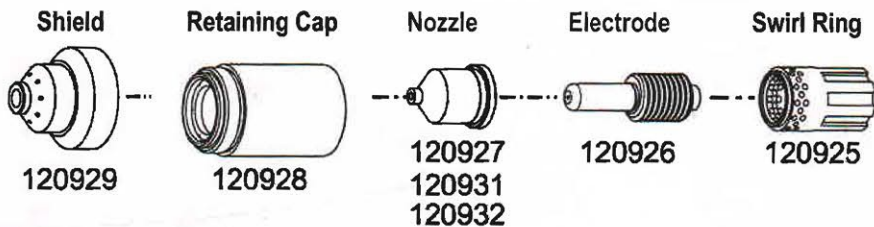
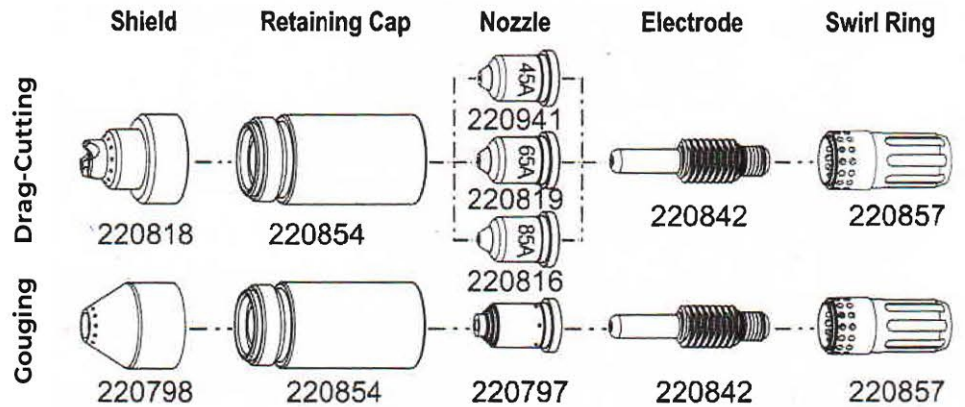
# HYPERTHERM PLASMA REPLACEMENT CONSUMABLES

**Powermax 45**



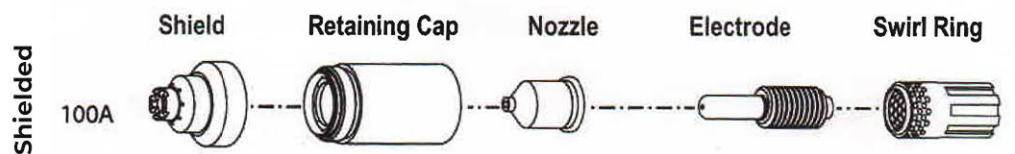
**Powermax 65**

**Powermax 85**



**Powermax 1250**

**Powermax 1650**



\* All the plasma consumables are manufactured using the latest CNC Machines to Provide Quality & Accuracy



## PLASMA REPLACEMENT CONSUMABLES



EP



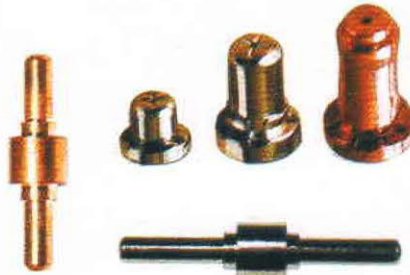
PT-23/27



AP



A81



PT-31/PT31XL



PT-25



SG-130



SG-51



A151



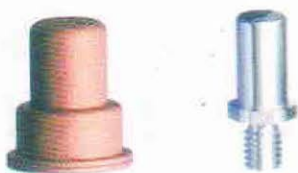
Kaliburn



Kjellberg



SP90



ABIPLAS PSB 31KKS



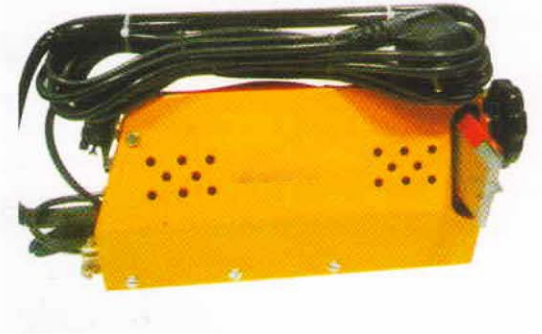
Thermal Dynamics



CP-200

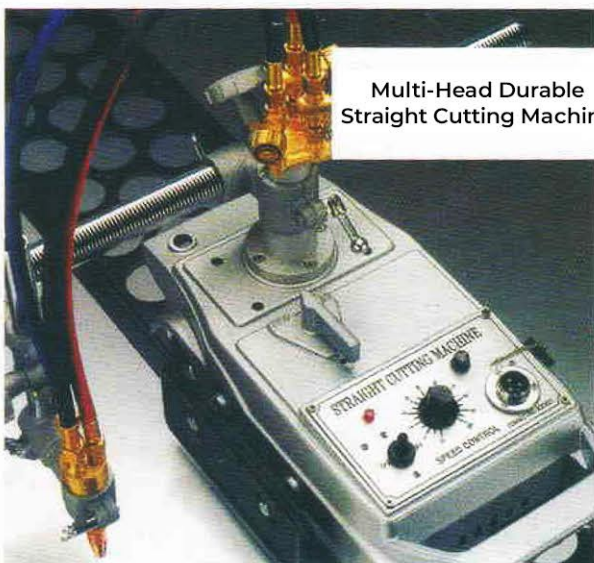
## PUG CUTTING TORCH

Gas Cutting Machine helps a Fabricator in cutting production costs and increases efficiency. It works on single phase supply and is operated by H.P. single phase motor. Power is fed through a Forward-Reverse toggle Switch. Gas Cutting Machine helps a Fabricator in cutting production costs and increases efficiency. It works on single phase supply and is operated by H.P. single phase motor. Power is fed through a Forward-Reverse toggle Switch



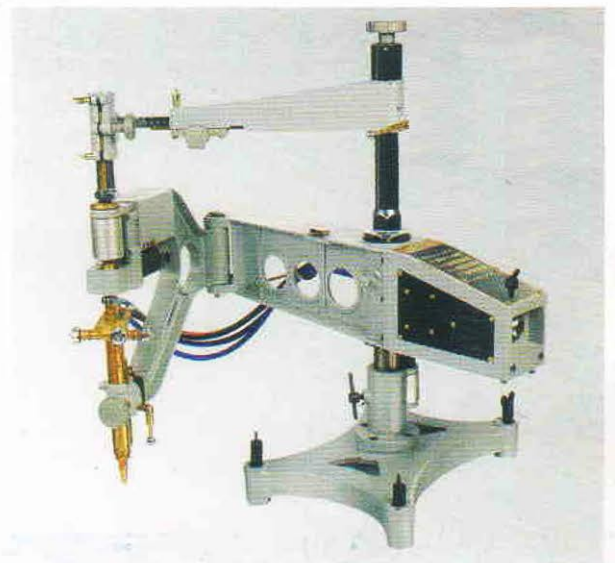
	Specification
Drive	Single phase motor
Speed Control	Potentiometer
Input Voltage	230 V single phase 50 HZ
Speed	200 mm/min to 1000 mm/min
Cutting Range	3mm to 100mm
Gas Type	Oxygen & Acetylene
To be used with	Aluminium tract 1.8 metres supplied as optional extra
Circle Cutting	Can be done with the use of circle cutting attachments, supplied as optional extra. This can be easily attached to the machines.

## CUTTING MACHINE



Multi-Head Durable Straight Cutting Machine

Multi-Head Durable Straight Cutting Machine



Profiling Gas Cutter (Rail Type) Profiling Gas Cutter



## REGULATOR

**Features :**

- Full brass body and Chrom-plated bonnet.
- Voltage output can be requested.
- Gas service. Carbon Dioxide.
- Various use for automatic welding, general industries, casting and so on.



Gas	Max Inlet Pressure (Bar)	Inlet Connection	Outlet Connection
CO <sub>2</sub>	150	W21.8 F	G 3/8"

## FLOW METER



Gas	Max Inlet Pressure (Bar)	Inlet Connection	Outlet Connection
CO <sub>2</sub>	35	1/4"-NPT(M)	M-16-1.5 RH (M)
Ar	35	1/4"-NPT(M)	M-16-1.5 RH (M)

\* Also available in other gases

## WELDING ACCESSORIES



British Type Cable Joint  
10-25mm<sup>2</sup> 35-50mm<sup>2</sup>  
50-70mm<sup>2</sup> 70-95mm<sup>2</sup>



British Type Cable Joint  
10-25mm<sup>2</sup> 35-50mm<sup>2</sup>  
50-70mm<sup>2</sup> 70-95mm<sup>2</sup>



Tip Cleaner



Hand -Screen



Auto-Darkening  
Helmet



## WELDING HELMET

Sunshine Welding Helmet delivers outstanding protection, comfort and performance with distinctively designs. Welders will get benefits from Sunshine Helmet which gives maximum protection to the eyes, ears, face, neck and part of the top of the head of the user during welding and cutting processes. In Sunshine head screen instead of glass, clear polycarbonate sheet is used which ensures greater visibility and longer life.



### Features

- Light weight • Reliable & consistency in quality
- Total head and neck protection
- Ample room for respiration
- It is easy to use for welding and grinding having shutter type window
- Durable & longer life
- Polycarbonate sheet is provided to ensure greater visibility and longer life

Packing : Single Pc Box Packing 12 Pc Carton Packing

## HAND SCREEN

- Light in weight
- Poly carbonate sheet is provided to ensure better visibility
- Long in size to provide protection to neck as well
- Available in black colour

Packing : Single Pc Box Packing 24 Pc Carton Packing



## FIBRE HAND SCREEN

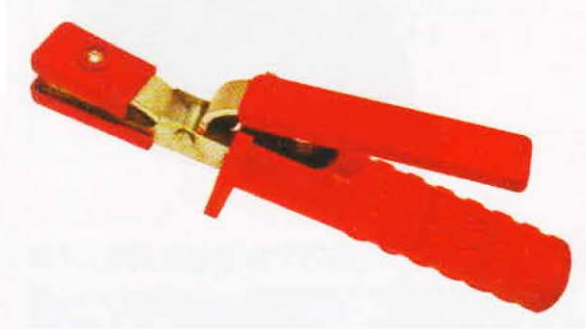
- Protect the welder from harmful radiation
- Made of cotton fibre glass
- Fitted with unbreakable handle
- Cheap and best quality and used in every part of India

Packing 60 Pc Box Packing



## ELECTRODE HOLDERS

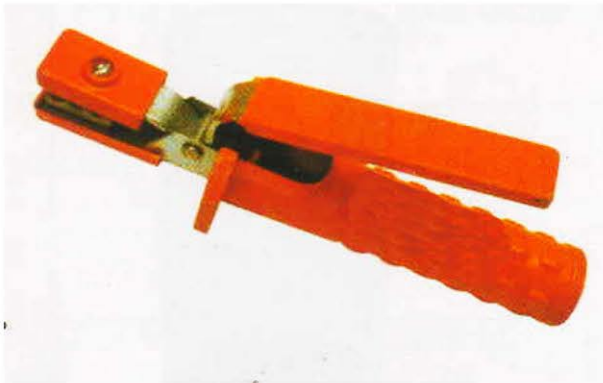
### MODEL : Semi Insulated



#### Features

The holder has 4 copper strip with DMC Heat proof body suitable for welding upto 3.15mm electrode

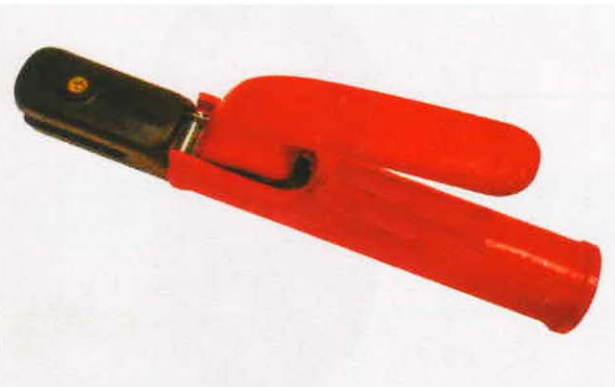
### MODEL : Semi Insulated



#### Features

Full copper with four strip heavy duty.

### MODEL : Fully Insulated



#### Features

Gun Metal Jaw  
Light in weight

## **MODEL : Fully Insulated**

### **Features**

- Gun Metal Jaw
- Suitable for welding upto 4mm electrode
- Light weight to reduce handling problem



## **MODEL : Semi Insulated**

### **Features**

- Gun Metal Jaw
- Heavy Duty Body
- Suitable for welding upto 5mm electrode
- Light weight to reduce handling problem
- Suitable for adverse welding conditions like ship building or welding in enclosed condition



## **MODEL : Fully Insulated**

### **Features**

- Gun Metal Jaw
- Heavy Duty Body
- Suitable for welding upto 5mm electrode
- Light weight to reduce handling problem
- Suitable for adverse conditions like ship building or welding in enclosed condition





**WELDERS GOGGLE**



**CHIPPING HAMMER**



**EARTH CLAMP**



**WELDING GLASS**



Welding Glass  
Size : 108x83x3mm  
(Shade number from 4 to 13)



Round Glass  
Size : 50x3mm  
(Shade number from 4 to 13)

Shade Number	Maximum Spectral Transmittance in the Ultraviolet violet		Luminous Transmittance		Maximum Infrared Transmittance	
	313mm	365mm	Maximum	Minimum	Near Infrared 780-1300mm	Medium Near Infrared 1300-2000mm
4	0.0003	0.95	8.5	3.2	6.4	5.4
5	0.0003	0.30	3.2	1.2	3.2	3.2
6	0.0003	0.10	1.2	0.44	1.7	1.9
7	0.0003	0.037	0.44	0.16	0.81	1.2
8	0.0003	0.013	0.16	0.061	0.43	0.68
9	0.0003	0.0045	0.061	0.023	0.20	0.39
10	0.0003	0.0016	0.023	0.0085	0.10	0.25
11	0.0003	0.0006	0.0085	0.0032	0.05	0.15
12	0.0003	0.0002	0.0032	0.0012	0.027	0.097
13	0.000076	0.000076	0.0012	0.00044	0.014	0.06
14	0.000027	0.000027	0.0044	0.00016	0.007	0.04

**ANTI-SPATTER GEL & SPRAY**



## WELDING CABLE



### TECHNICAL SPECIFICATION

	Nominal Cross Section Area of Conductor	No. & Dia. Of wires	Nominal Thickness of covering	Current Rating Duty Cycle TRS Compound			Current Rating Duty Cycle HOFR Compound		
				30%	60%	100%	30%	60%	100%
<b>ALUMINIUM</b>	(mm <sup>2</sup> )	(mm)	(mm)	30%	60%	100%	30%	60%	100%
	35	500/0.3	2.0	225	159	123	321	227	176
	50	708/0.3	2.2	283	200	155	405	287	222
	70	999/0.3	2.4	358	253	196	511	361	280
	95	1350/0.3	2.6	433	306	237	619	438	339
	120	1702/0.3	2.8	517	365	283	738	522	404

	Nominal Cross Section Area of Conductor	No. & Dia. Of wires	Nominal Thickness of covering	Current Rating Duty Cycle TRS Compound			Current Rating Duty Cycle HOFR Compound		
				30%	60%	100%	30%	60%	100%
<b>COPPER</b>	(mm <sup>2</sup> )	(mm)	(mm)	30%	60%	100%	30%	60%	100%
	16	510/0.2	2.0	172	121	94	246	174	135
	25	800/0.2	2.0	228	161	125	343	228	177
	35	1114/0.2	2.0	285	201	156	403	285	221
	50	708/0.3	2.2	360	254	197	509	360	279
	70	999/0.3	2.4	453	320	248	643	454	352
95	1350/0.3	2.6	546	386	299	774	547	424	

Minimum Order Quantity	100 Meter
Heat Resistant	Yes
Insulation Material	Rubber
SIZE	16MM, 25MM, 35MM, 50MM, 70MM, 95MM
Output Current	300-400 (A), 400-500 (A), 600A, 100-200 (A), >500 (A), 0-100 (A), 200-300 (A)
Brand	STONEX
Material	COPPER
Color	BLACK
Packing Type	100 M ROLL
Usage/Application	WELDING, CUTTING, GAUGING ETC.
Is It ISI	ISI
Packaging	100 M ROLL

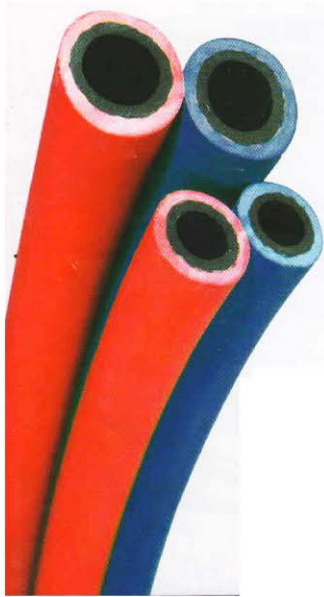


## RUBBER HOSE PIPE

When Welding, Heating & Cutting operations are done with oxygen and acetylene flame, the gases are carried to the required equipment from different gas storage and cylinders with the help of rubber hose. The hose used should be light in weight and consistent with strength and durability and it must be nonporous to prevent loss of valuable gases. Sunshine hoses embody the very best in engineering. These are carefully made of laboratory tested materials for the kind of ruggedness that keep it on the

### CAUTION

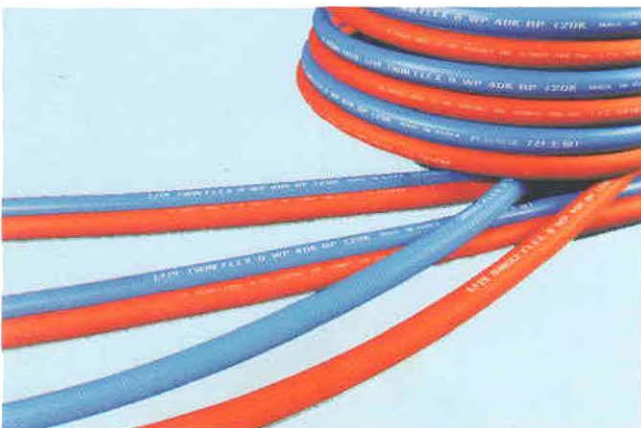
It is hazardous to interchange acetylene hose or use other types of welding hose for LPG. LPG being Liquefied Petroleum Gas has corrosive action which dissolves interior of lining & this mixture would retard flame temperature and produce inferior cut. Also in extreme cases it could lead to explosion & serious fire. A special LPG hose with synthetic lining is recommended & can be supplied on request.



<b>Minimum Order Quantity</b>	<b>100 Meter</b>
<b>Heat Resistant</b>	<b>Yes</b>
<b>Insulation Material</b>	<b>Rubber</b>
<b>Brand</b>	<b>DUNLOP AND POLYHOSE</b>
<b>Material</b>	<b>RUBBER</b>
<b>Color</b>	<b>RED/BLUE</b>
<b>Packing Type</b>	<b>100 M ROLL</b>
<b>Condition</b>	<b>New</b>
<b>Usage/Application</b>	<b>WELDING</b>
<b>Is It ISI</b>	<b>ISI</b>
<b>Packaging</b>	<b>100 M ROLL</b>

Diameter (Inside)		Working Pressure (kg/cm <sup>3</sup> )	Busting Pressure	Application
mm	inch			
6.3	1/4	14.28	57.0	Welding
8.0	5/16	14.28	57.0	Cutting
10.0	3/8	14.28	57.0	Heating

## TWIN / SINGLE WELDING HOSE



#### Features:

- No separation easily due to its two hoses in one united body
- No explosion due to its for high pressure use
- Good durability against chemistry and climate no hardening in spite of long-term use
- Easy use for winter season with good cold proof
- Light and easy to carry

#### Use:

- 2 Line duplex use
- Manufacturing use
- Industrial use



# TUNGSTEN ELECTRODE





TYPE	Size	Applications	Alloying Element	Composition	Material Welded
Tungsten Electrode	1.6mm	DC	Thorium	Tungsten - 97.3 % Thorium - 1.7 to 2.2 % Others - 0.5 %	Carbon
Tungsten Electrode	2.0mm	DC	Thorium		Steel
Tungsten Electrode	2.4mm	DC	Thorium		Stainless Steel
Tungsten Electrode	3.0mm	DC	Thorium		Nickel
Tungsten Electrode	4.0mm	DC	Thorium		Alloy
Tungsten Electrode	5.0mm	DC	Thorium		Titanium
Tungsten Electrode	6.0mm	DC	Thorium		Copper





## **A.B TOOLS & FASTENERS**

**DEALER OF SUPERON WELDING ROD | STOCKIST IN ALL KINDS OF FASTENERS**

 +91 98404 77629

 044 - 4208 0764

 abtools1990@gmail.com

 New No #156, (Old No # 727) M.T.H Road,  
Mannurpet, Chennai-600 050. Tamil Nadu, India.

 [www.abtools.in](http://www.abtools.in)

